

RMIS PANORAMA

[RISK MANAGEMENT INFORMATION SYSTEMS]

2021 Edition



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AMRAE wishes to thank the following participants who helped produce this document:



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AMRAE really wants to thank all of the organizations (Club FrancoRisk, FERMA, RMIS et PARIMA) that help us make this new edition of the RMIS Panorama a success:





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VP AMRAE,
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Editorial

As we publish this 13th edition of the Risk Management Information Systems (RMIS) Panorama, the waves born from the COVID-19 crisis continue to evolve. Some sectors of activity (tourism, passenger transport, hotels, leisure, culture, etc.) are beginning to recover, but sometimes remain heavily impacted. For other sectors, which had the ability to change their business models, true post-crisis opportunities have emerged.

The consequences of this crisis on current risk and insurance management, crisis management and BCP methodologies, and the increasingly important issues related to compliance will lead to further evolution of Risk Management Information Systems (RMIS). Mapping, incident management, risk control and action plans remain the modules most expected by Risk Managers in their RMIS. Climate and CSR¹ or ESG² risks will certainly generate new expectations.

The increased use of teleworking and the forced hyper-digitization of the economy have reinforced the use of Information Systems by employees in all sectors, including, of course, RMIS. Within the framework of corporate insurance policies renewals, which were very complicated this year, some Risk Managers, still rare, have opened discussions on this matter with their brokers and insurers.

This new edition of the Panorama is still based on the combined analysis of two international surveys: the first one towards the RMIS vendors (121 vendors listed, 49 respondents), the second one towards the Risk Managers (230 respondents), to collect their vision of the RMIS and their utility. The "Covid-19 Response" section describing how vendors have enhanced their offerings in response to the crisis, published for the first time in the previous edition, has been repeated this year.

This 2021 Panorama is also enriched with new testimonies from RMIS users from different countries, as well as perspectives gathered from sister associations such as FERMA³ and PARIMA⁴.

As every year, this publication is available for free download on the AMRAE website (www.amrae.fr). The French version is available now and the English version will be available in a few weeks.

Once again this year, we would like to thank the publishers and risk managers who participated in our surveys.

We have renewed our partnerships with Club FrancoRisk, FERMA, PARIMA and RMIS. These partnerships allow us to relay our requests to their Risk Managers members and to request publishers that they submit to us. On this basis, this year again regional analyses will be carried out again this year in order to provide more specific insights.

Finally, AMRAE would like to thank its partner EY for its continuous involvement over the last few years, which is necessary for the enrichment and sustainability of this publication.

We hope you enjoy reading it!

¹ CSR : Corporate Social Responsibility

² ESG : Environmental, Social, Governance

³ FERMA: Federation of European Risk Management Associations

⁴ PARIMA: Pan-Asia Risk Management Association

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Executive summary

This 2021 release of our RMIS Panorama is **major update** of vendors ID cards and **market analysis**, including **exclusive content**, thanks to the involvement of numerous RMIS vendors and Risk Managers.

2021 RMIS Panorama structure

- ▮ **An analysis of market practices and trends**, based on a survey of 230 risk managers respondents in 23 countries, as well as 49 vendors. Our partners Club FrancoRisk, FERMA, RMIS and PARIMA allow us to maintain the internationalization of the study.
- ▮ **49 descriptive vendors sheets** have been completely updated since the 2020 edition, including 10 exclusive sheets (new participants).
- ▮ **12 testimonials from risk managers** sharing their experience of setting up or using an RMIS.
- ▮ **An expert opinion** integrating the best practices associated with the construction and implementation of the digital strategy of risk management, internal control, internal audit, insurance functions...
- ▮ **An expert opinion** on the GDPR¹ regulation impacting our digitalization projects for risk management functions.
- ▮ A **"Covid-19 Response"** section reminding the solutions proposed by the vendors in front of the health crisis.
- ▮ RMIS projects very frequently (94%) bring together the traditional risk functions (Risk Management, Audit, Internal Control, Insurance, Compliance, etc.) around a **common approach**.
- ▮ **The SAAS offer is increasingly common**, both at the request of customers and vendors who increasingly favor this outsourced deployment and hosting solution.
- ▮ Ease of use and reporting capabilities remain the main **criteria for selecting** an RMIS tool, even if this last criterion is not met by nearly half of the risk managers surveyed.
- ▮ The **average level of satisfaction** of risk managers with RMIS remains **stable**, even if progress remains to be made in terms of innovation, interface management (data sharing) and reporting.
- ▮ The **modules with which risk managers are most satisfied** concern incident management, internal control and risk mapping.
- ▮ **Third-party risk management** is a module that is expected and satisfies 2/3 of current users.

Findings and Trends

- ▮ The **RMIS market remains dynamic** (+50%) despite the crisis for all sectors and all company sizes.
- ▮ Large international companies in industry and services represent the "typical client".
- ▮ The main benefits of RMIS as perceived by risk managers are increasing **efficiency and analysis**, improving **information sharing** and **avoiding silos between the risk functions**.
- ▮ **Artificial Intelligence** is still not very much integrated into current RMIS; however, it appears to be an area of development desired by 1/3 of vendors who do not already have it.
- ▮ The recent COVID-19 health crisis has highlighted the importance of Information Systems as one of the means contributing to a **better resilience of companies**.
- ▮ In the insurance field, the RMIS acts as a formidable transformation tool by accelerating the **digitalization of the Insurer/Broker/Customer relationship**.

¹GDPR : Global Data Protection Regulation (UE)

Reasons for developing a RMIS Panorama

The RMIS, a fundamental tool dedicated to Risk Management

The Risk Management function is first and foremost a function that is strongly linked to collecting, analyzing, summarizing and reporting data which are sometimes heterogeneous. Identifying risks and collecting incidents as early as possible after their occurrence, both geographically and in time, and their evaluation to ensure effective decision making requires the management of data flows in the most relevant possible way.

This is precisely the purpose of a Risk Management Information System (RMIS, also called GRC technologies or IRM), which aims at sorting through often plentiful data before reporting it to the Risk manager in a suitable format. This type of tool is therefore not only an analysis and operational tool, but also a valuable tool for communicating and sharing relevant results.

RMIS are designed to provide a management tool for every Risk Management actors:

- > **Top Management** can have a consolidated view of entailed risks and actions in progress.
- > **Managers (Risk Owners)** in charge of handling a set of risks have this same view and can use it to manage actions within their area of coverage.
- > **Assurance group:**
 - The Risk managers can coordinate all risk management related actions, from identification to treatment, and implement more specific measures (e.g. related to managing loss claims and insurance policies).
 - Other functions: Internal Audit, Internal Control, Compliance...
- > **Other Internal partners** (QHSE, Legal, IT, CSR ...).
- > **Potential external partners** (brokers, consulting firms...).

Main objectives of a RMIS Panorama

Since 2008, AMRAE has been carrying out a survey on a yearly basis, listing vendors of **Risk Management Information Systems** (RMIS) and solutions available on the market. This 2021 release has been consolidated thanks to the involvement of:

- ✔ **49 RMIS vendors** to qualify their functional and technical scope.
- ✔ **230 Risk managers** to qualify their stakes, needs and feedbacks using RMIS.

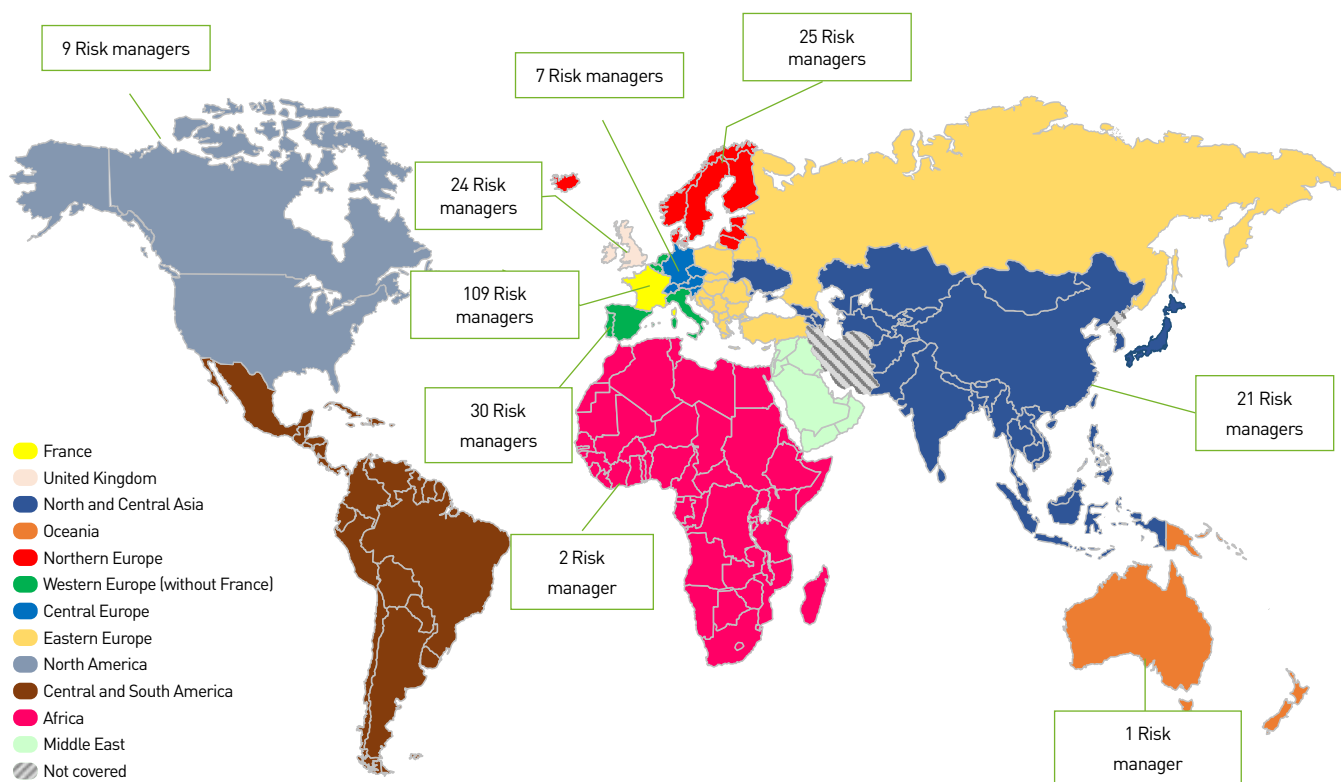
The Panorama combines those two analyses to provide insights to Risk Management actors who seek for information on RMIS by answering the following questions:

- > What are my needs?
- > Can the market solutions meet those? To what extent?
- > Should I use a single specialized product or a RMIS wide integrated product?
- > Which are the selection criteria to consider during my call for tender?

With a view to avoiding potential conflict of interest and meeting the most stringent ethical standards, this work was carried out, from the beginning, based on three core tenets:

- ✔ **Neutrality:** the Panorama does not make any value judgments on vendors and their solutions, nor does it recommend their purchase. It is intended simply to provide a framework to present the tools and the main functionalities available on the market.
- ✔ **Objectivity:** questions cover the features offered by each solution, and are mainly technical and factual.
- ✔ **Business oriented:** questions and analysis are directly related to the specific functions and needs of Risk managers.

A global Risk manager survey



> A description of the Risk managers' presence is available in [Appendix 1](#)

56% of the respondent Risk managers **have already used a RMIS.**

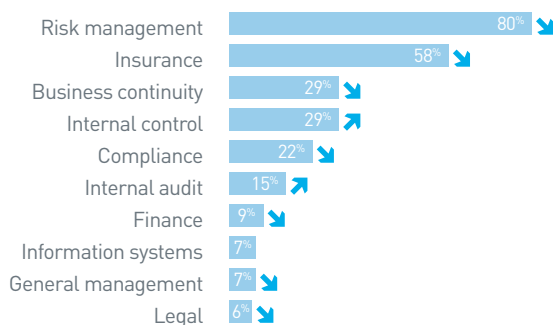
Two thirds of those RMIS users works **for large companies** (Turnover > €1 Md)

To better perceive the market trends and expectations, we have enriched analysis by crossing Vendors survey with Risk managers survey across several sectors and countries. Thanks to the support of our partners (Club FrancoRisk, FERMA, RMIS and PARIMA) we have a truly global coverage gathered and analyzed with **228 Risk managers responses** over 5 continents.

Hence, we can present the following insights:

- > Respondent expectations (modules, benefits),
- > Decision factors used during the RMIS selection process,
- > Level of satisfaction regarding decision factors and functional modules,
- > Pricing and hosting expectations.

SCOPE OF RISK MANAGERS' RESPONSIBILITY



Small-Mid-cap companies represent 38% of respondents, and large companies represent 62%.

All sectors are represented with a good balance (Industry, Banking, Insurance, Retail, Public sector, Telecom...).

Data coming from the "Risk managers" survey are highlighted with this logo.

A survey conducted among RMIS software vendors

As every year, we have updated our RMIS vendors questionnaire (130 questions) to consider RMIS and risk management trends.

Two new functional modules have been added: Third Party Risk Management and Artificial Intelligence. We also reinforced this year questions related to interoperability technical features and reporting capabilities.

This year, after a review of market actors, a list of **121 vendors** was set up, including vendors consulted last years as well as new market players.

These vendors were then directly contacted by AMRAE or EY and invited to participate in an online survey questionnaire (available in English and French) published at the end of 2020 for over a month.

This questionnaire allows vendors to present their company and describes the complete technical and functional features of their RMIS solutions. Questionnaires mainly completed were considered in this analysis.

Panel of respondents



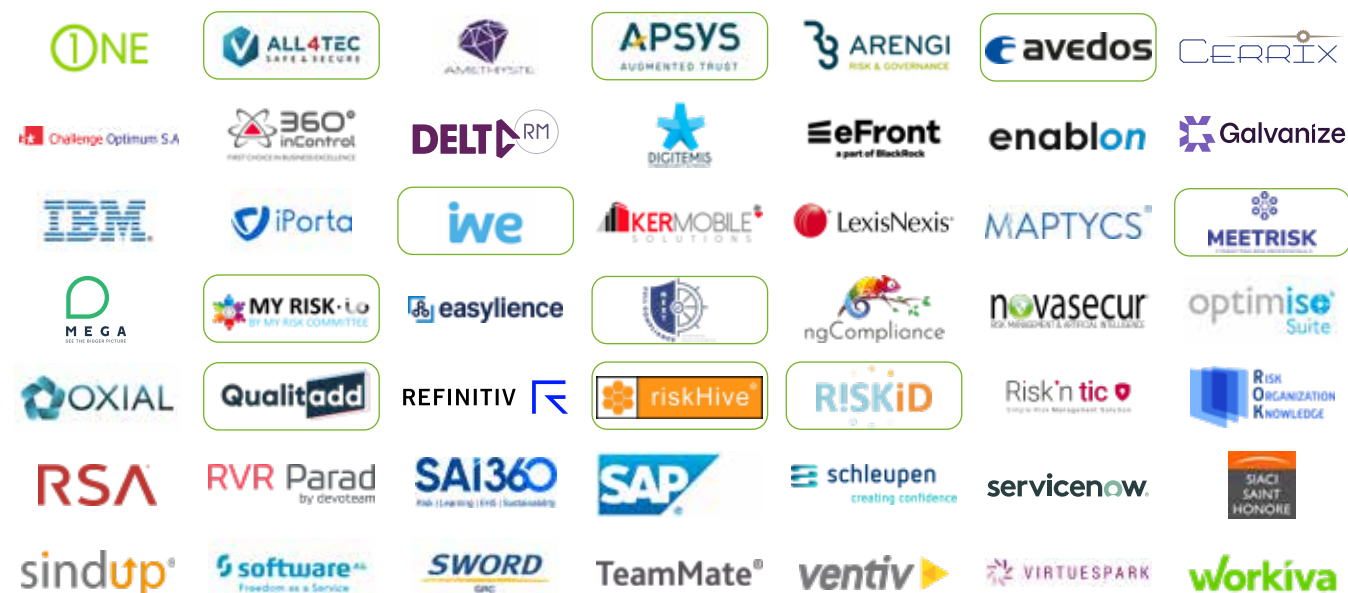
49 respondents



10 new respondents

For the 2021, edition, the Panorama is composed of a panel of **49 respondents** among consulted vendors.

10 new respondents have participated in this edition



□ New respondent

MAIN INDUSTRY CHANGES:

- > Acquisition of CGE Risk by Wolters Kluwer.
- > Acquisition of Archer by Symphony

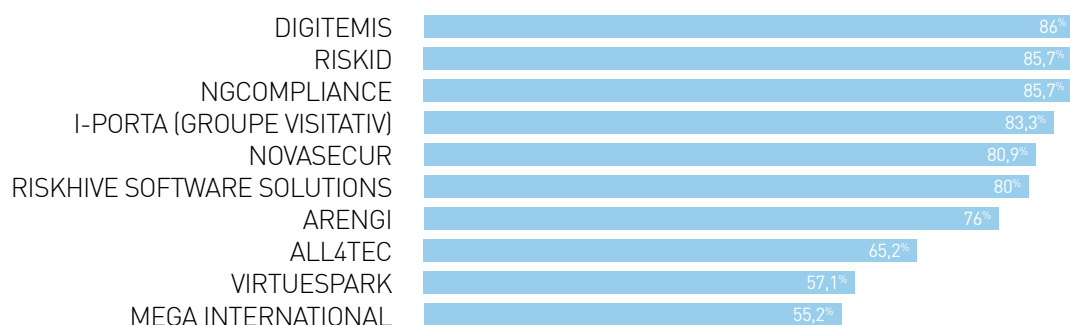
Analysis of the respondents' panel

VENDORS' WORKFORCE DEDICATED TO RMIS (39/49*)

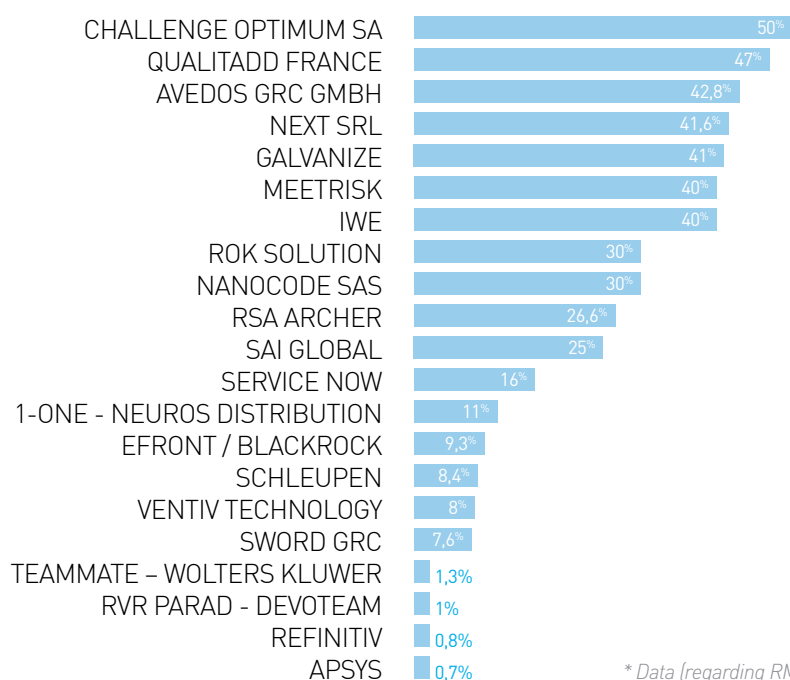
100% of employees dedicated to RMIS - 8 vendors



>50% of employees dedicated to RMIS - 10 vendors

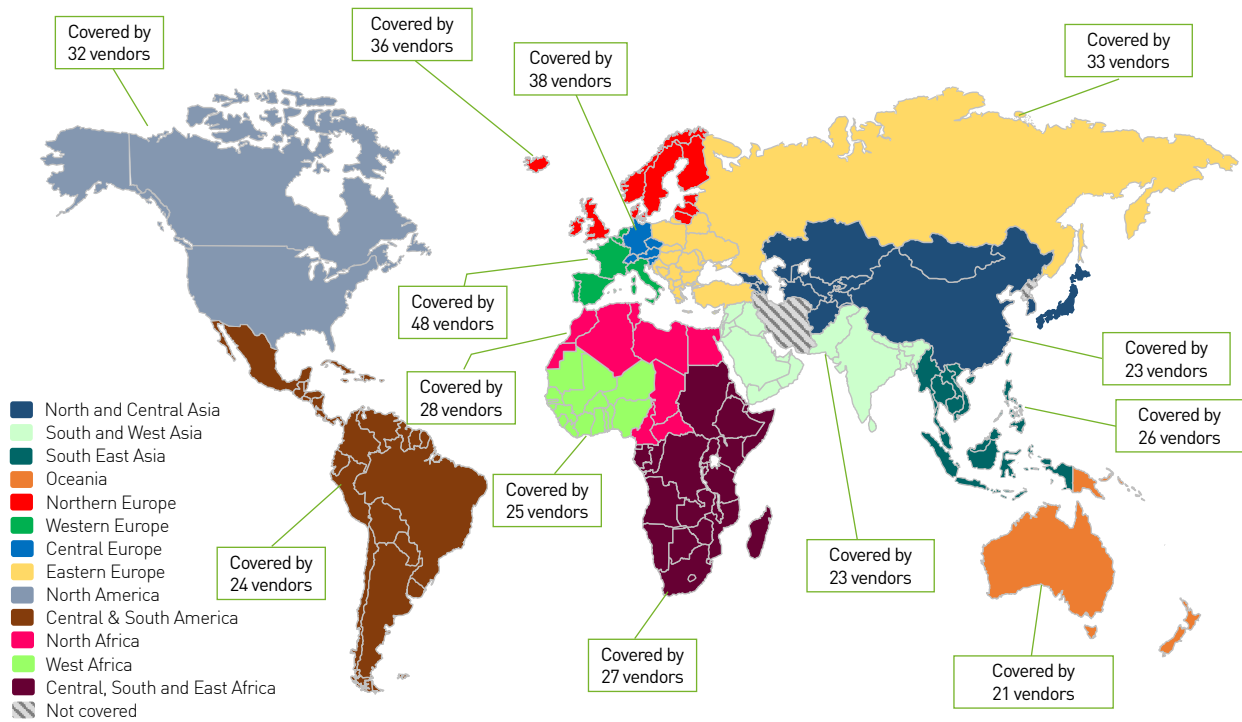


<50% of employees dedicated to RMIS - 21 vendors



* Data (regarding RMIS workforce) were not provided by the 10 following vendors: CISS Ltd, ENABLON, Software AG, IBM France, SAP, KERMOBILE SOLUTIONS, SINDUP, Workiva, Lexis Nexis, SIACI SAINT HONORE

RESPONDENT VENDORS' GEOGRAPHICAL PRESENCE



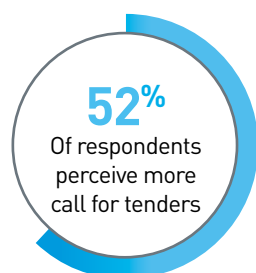
- > This map shows the presence (commercial and implementation services) of RMIS Vendors by region.
- > A description of the Vendors presence is available in [Appendix 2](#)

RMIS market analysis

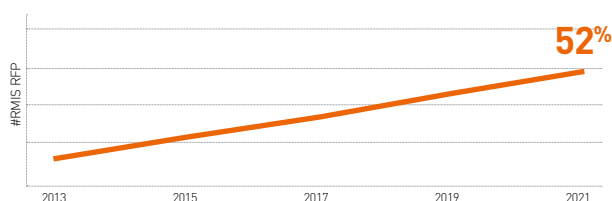
This chapter presents the still-current view of the RMIS market, as perceived by respondents to the 2021 survey.

Which are the trends for the RMIS market?

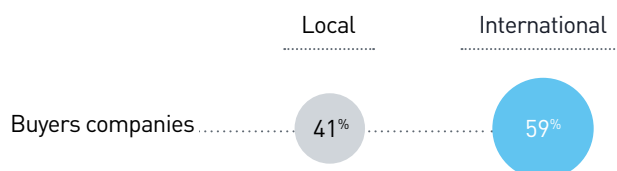
The RMIS market is still dynamic, confirming the trend observed since 2013 of an increasing number of RMIS RFP (Request For Proposals)



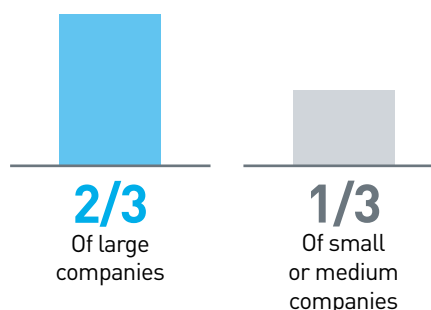
RFP RMIS INFLUX



INTERNATIONAL COMPANIES REMAIN THE MAIN BUYERS:



THE MARKET'S DYNAMISM AFFECTS ALL SIZE OF COMPANIES:

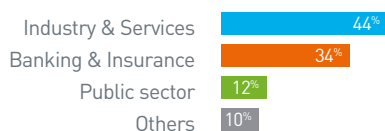


Which are the sectors, and how many users?

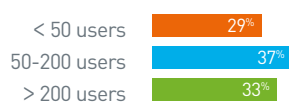
The average number of users, up slightly, is between 50 to 200 users and mostly located in Industry and Services sector.

This extensive use of an RMIS in the organization may be correlated with the extension of its functional scope (multi-modules).

COMPANY SECTORS USING RMIS



AVERAGE NUMBER OF USERS



Why implementing a RMIS?

There is a now a well-established consensus among Risk managers worldwide on what an RMIS tool should deliver to perform efficiently, and those benefits tend to remain very similar year on year across regions.

The RMIS is therefore more a tool for sharing and communication, efficiency, harmonization and decision support than a simple compliance tool.

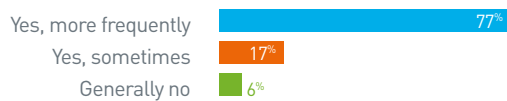
PERCEIVED RMIS BENEFITS (vs.2020)

1. Spend less time consolidating data, more time analyzing it (→ 1)
2. Facilitate sharing of information (→ 2)
3. Facilitate cross departments analysis and avoid silos (↗ 4)
4. Harmonize practices and reporting (↗ 3)
5. Visualize real-time data (↗ 6)
6. Data reliability (↗ 7)
7. Optimize the sharing of risk management best practices (↗ 5)
8. Strengthen decision support
9. Secure sensitive information (↗ 8)
10. Optimize transfer to insurance
11. Be compliant with law/regulations (↗ 9)

Is it a single buyer or a transverse and collaborative selection process?

An increasingly transversal RMIS approach within companies.

SEVERAL DEPARTMENTS ARE INVOLVED IN RMIS RFP



RMIS MOSTLY COVER SEVERAL MODULES



For a large majority of vendors (94%) and Risk managers (96%), RMIS RFP (Requests For Proposals) concerns always several departments of the company in a coordinated approach.

The majority of responding Risk managers (63%, +27% compared to 2019) target a single tool for all functional areas (audit, risk management, insurance, internal control, etc.).

This confirms the trend already observed in previous editions, consisting of the need for converging risk management systems to make them more effective and cross-functional.

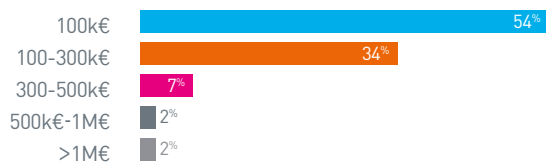
An increasing RMIS budget, despite the crisis

The great majority of responding Risk managers (54%) wishes to invest less than 100k€ in the acquisition and implementation of a RMIS.

However, despite the crisis, we note a slight increase in the expected average RMIS budget.

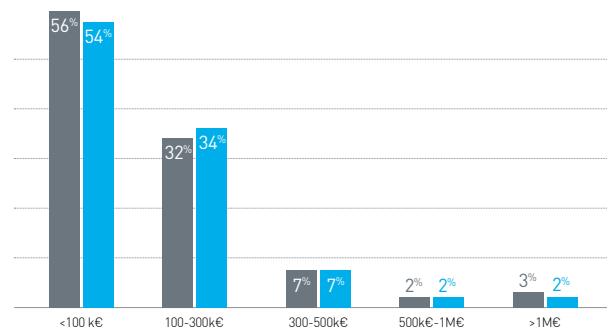


EXPECTED BUDGET TO ACQUIRE AND IMPLEMENT A RMIS



EXPECTED BUDGET TREND

■ 2019 ■ 2021



Multiple stakeholders for a collective decision

The selection of an RMIS remains a **collective process** involving multiple players, right from the initial stages of identifying needs.

The functions in demand for these solutions are still mainly the risk, audit, compliance and internal control departments.

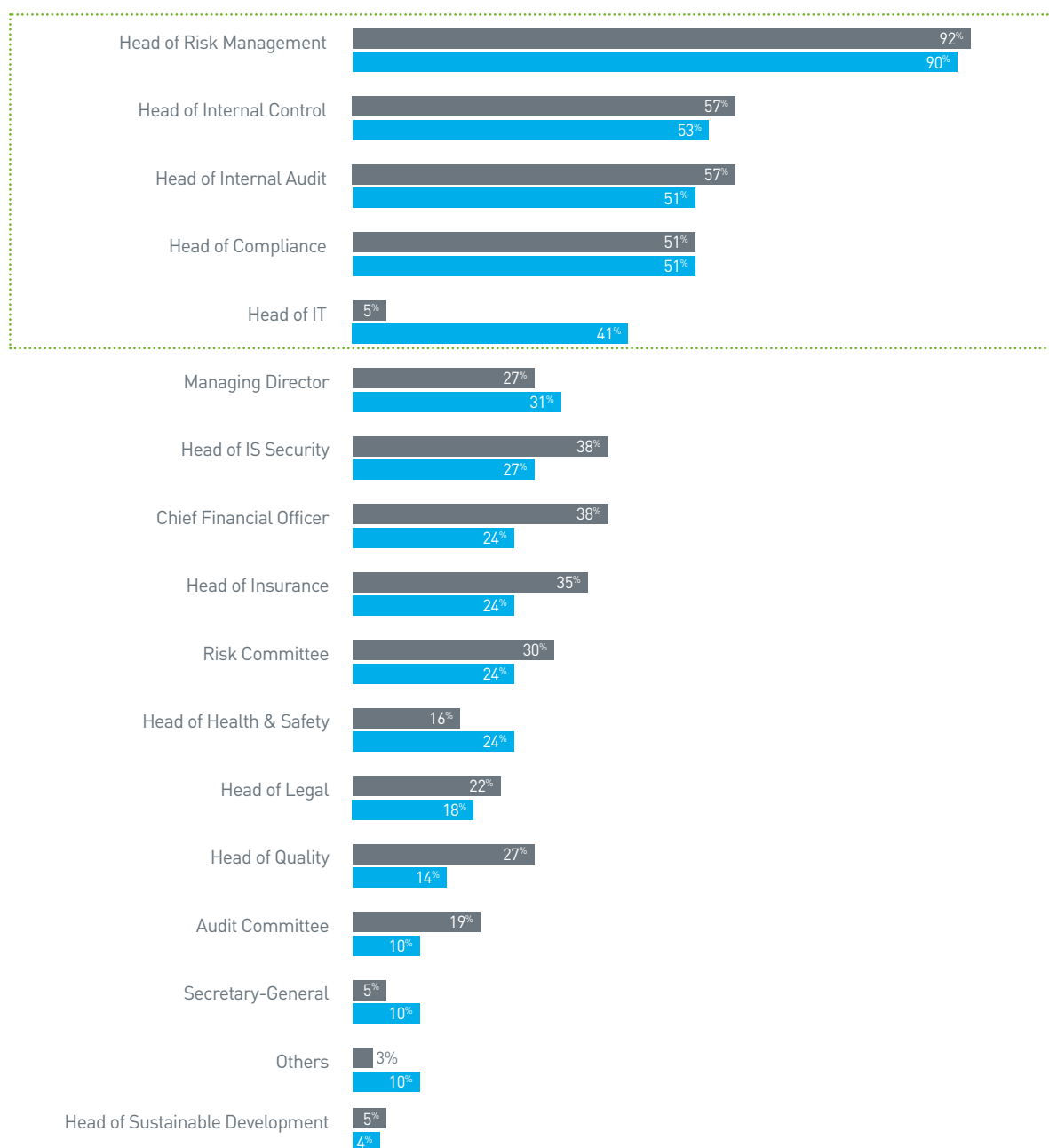
The Insurance Department is becoming less and less of a buyer (-11 points compared to 2019 and -22 points compared to 2018).

As RMIS projects are **increasingly cross-functional**, the IT Department and General Management are becoming key sponsors and decision makers in the selection of the RMIS. However, Finance Departments are less involved than in previous years.

Information security stakes now appear to be decisive in the selection of the RMIS.

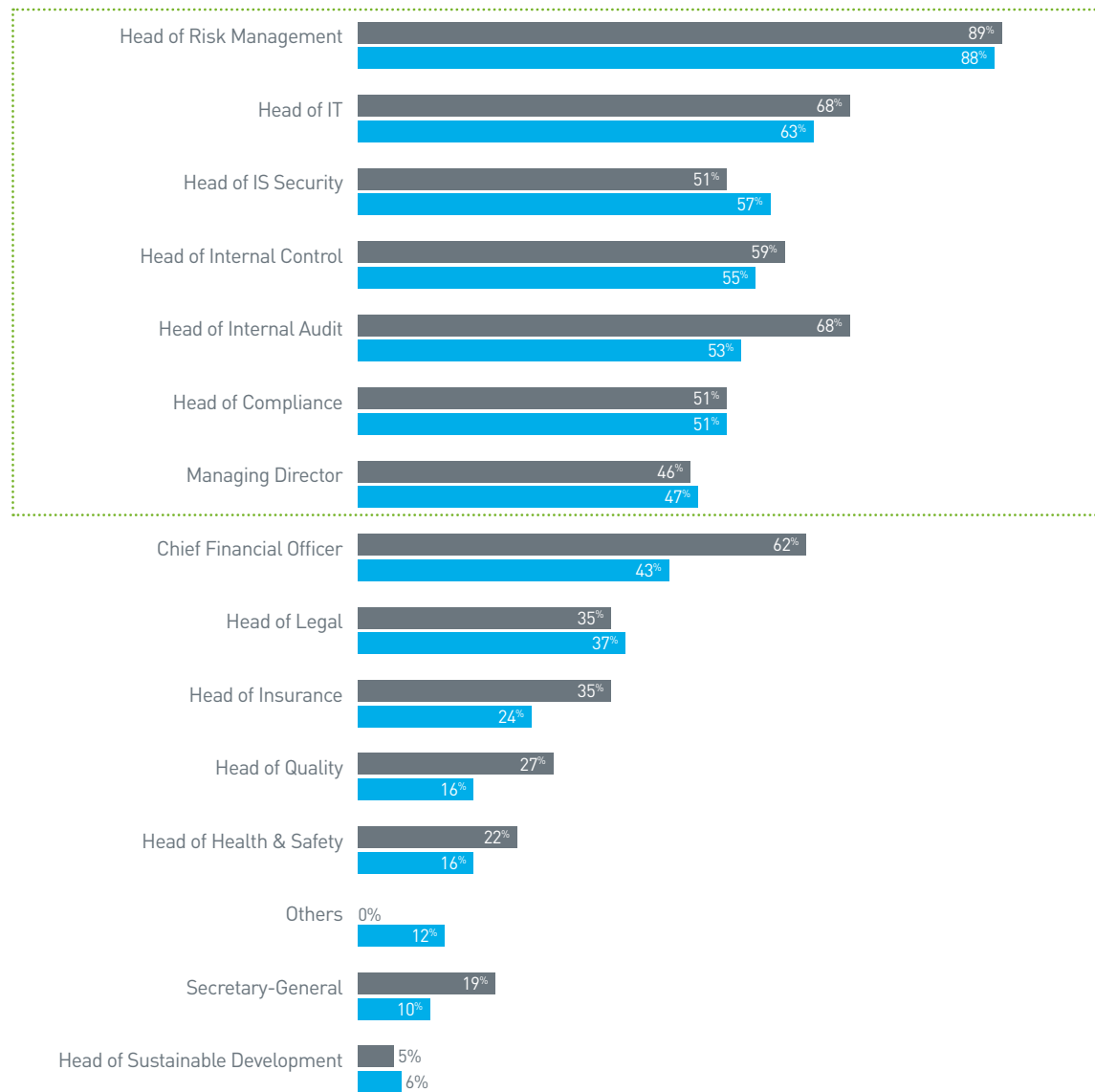
FUNCTIONS MOST OFTEN ORIGINATING RMIS' TENDERS

■ 2019 ■ 2021 ■ Key function



DECISION MAKERS INVOLVED IN RMIS SELECTION

■ 2019 ■ 2021 ■ Key function





Which criteria to select a RMIS?

Easy to use remains the main criteria to investigate when selecting a RMIS tool, with **Reporting capabilities** as a second main criteria. There is an increasing demand for ergonomic and advanced reporting within the solution or via a Data Visualization tool interfaced with the RMIS.

The importance in the **Reporting capabilities** criteria can also be explained by the fact that RMIS is more frequently used as a **communication tool** by companies, enabling different assurance groups to share information with management and vice-versa using a cockpit style view of their risk environment.

RMIS SELECTION CRITERIA (vs.2019)

1. Easy to use (→ 1)
2. Reporting capabilities (→ 2)
3. Functional coverage (↗ 4)
4. Customization flexibility (↘ 3)
5. Price (→ 5)
6. Security (new)
7. Quality of integration services and support services (↘ 6)
8. Company reliability (→ 8)
9. Innovation (Artificial Intelligence, Chatbots, Predictive analysis, ...) (new)
10. Hosting services (SAAS or internal hosting) (↘ 9)
11. Interfaces with other information systems (↘ 7)
12. Sector specific expertise (↘ 10)

Satisfaction levels are stable, although there is still room for improvement

Satisfaction levels remain stable, although there is still room for improvement as **66%** (up from 71% in 2019) of **risk managers remain satisfied** with their RMIS. However, a significant proportion of respondents pointed to the **lack of innovation** by RMIS vendors (new focus 2021), and poor **interfacing capabilities** with other IS (58% of respondents, stable compared to 2019).

Although most vendors are offering more and more possibilities for interfacing with third-party applications via APIs or standard imports, risk managers working in a multi-source environment have the impression that vendors still need to make progress in this area.

The **reporting capabilities** of the solutions remain an important point of attention, particularly on issues such as the rigidity of embedded reports or the lack of completeness of the proposed libraries.

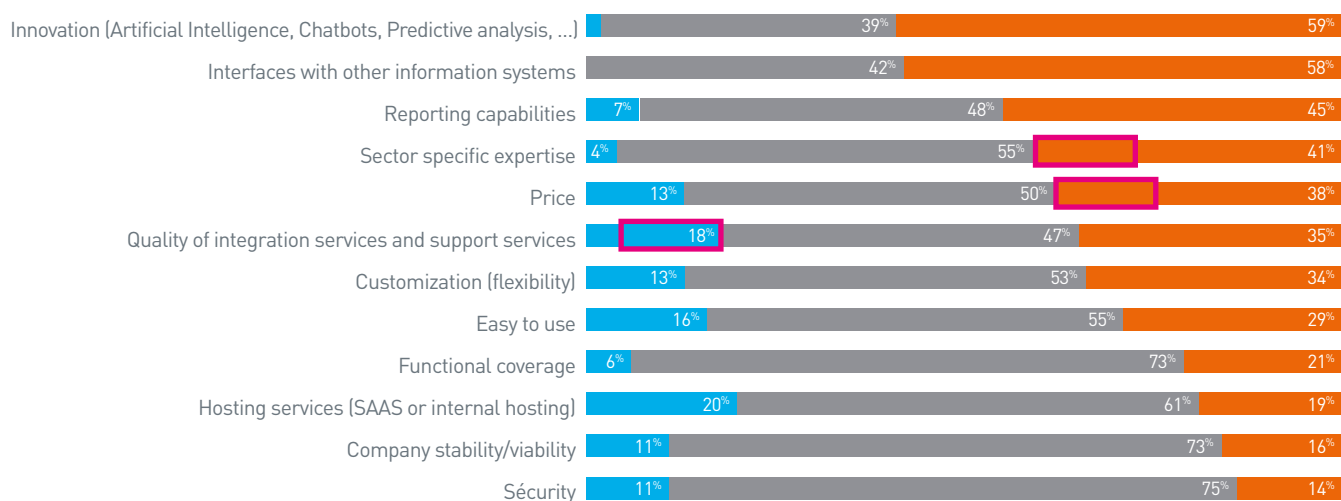
Wouldn't **sharing data** (via APIs in particular) allow more flexibility and autonomy for customers? Nearly two-thirds of software vendors offer their clients an API (documented in 80% of cases), but few risk managers currently seem to have the means to use it.

The risk managers who responded reported **improvements in the ergonomics** of the tools, as well as in the quality of **the integration and support services**.

FEEDBACK ON SELECTION CRITERIA



■ Beyond expectations ■ Meet expectations ■ Below expectations ■ Major change compared to 2019 (difference >10 points)



What will be the next RMIS modules?

While the traditional RMIS modules such as Risk Mapping, Audit, Internal Control, Compliance and Data Protection appear to be well covered by vendors, the following modules and functionalities are noted on the software vendors' agenda for **future development**:

- ▣ Sustainable Development and Corporate Social Responsibility (CSR)
- ▣ Insurance Management
- ▣ Artificial Intelligence

The **Third-Party Risk Management** module (TPRM), added for the first time this year in the study, seems to be already available in the majority of RMIS (59%) and seems to represent a very interesting evolution for other RMIS vendors.

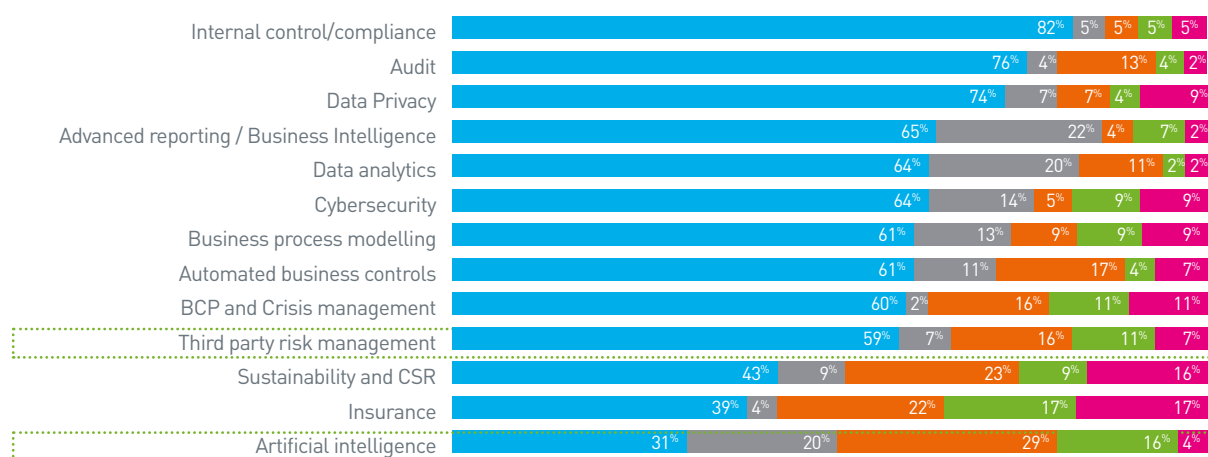
The **Artificial Intelligence** functionalities, which can be used for several functional modules, seem to be little deployed at this stage. It should be remembered that the level of expectation of the risk managers who responded is low for this module.

The modules that have been most developed over the last two years cover **Cybersecurity** (+18 points), **Process modeling** (+17 points), **Business continuity and crisis management** (+16 points), and **Data privacy** (+10 points).

Note that 13% of RMIS software vendors do not offer advanced **reporting** capabilities (or via interfaces), even though this is the second most important tool selection criterion for risk managers.

RMIS ROADMAP, BY FUNCTIONAL MODULES

▣ Already covered by the tool ▣ Already covered by interfaces/connectors with external tools ▣ To develop within the tool
 ▣ Interfaces/connectors to develop with external tools ▣ Not anticipated ▣ New criteria introduced in 2021



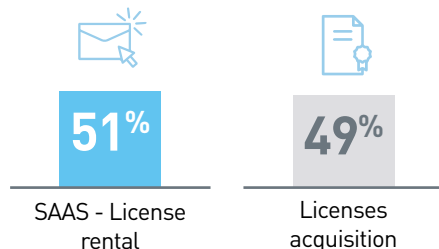
¹ TPRM : Third Party Risk Management

What are the deployment methods for RMIS?

Risk managers have no clear preference regarding financing: subscription-based rental model (generally also covering hosting), or license and maintenance model.



PREFERRED FINANCIAL SOLUTION

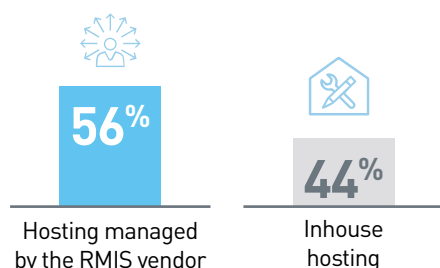


Mostly outsourced data.

There is a clear trend towards **RMIS hosting solutions by a software vendor's subcontractor**, even if most RMIS vendors remain open to hosting in the customer's infrastructure (78% of software vendor offers).



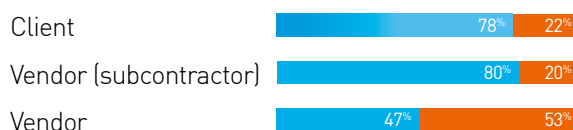
PREFERRED HOSTING SOLUTION



Risk managers prefer more and more outsourced hosting.

HOSTING SOLUTION OFFERED (RMIS)

■ Yes ■ No



RMIS vendors maintain the possibility of hosting the solution on the customer's premises, but are increasing their ability to host the solution in their own infrastructure without subcontractors (+12 points).



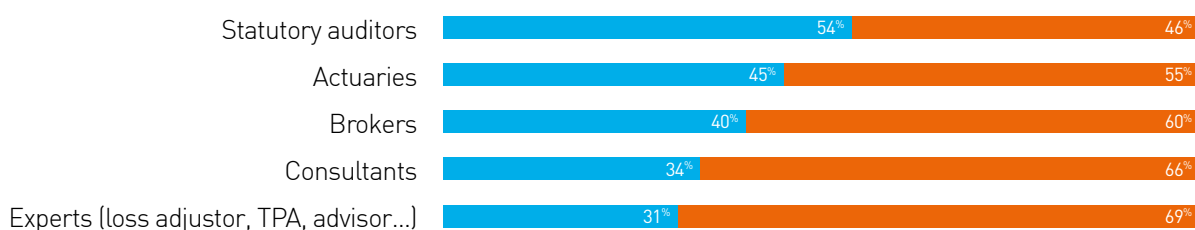
Should the RMIS be accessible to external parties?

A small majority of risk manager respondents do not consider it **relevant to open up the RMIS to external actors**, but this proportion seems to be decreasing (-8 points).

Thus, **a majority of respondents** consider it relevant to **open certain RMIS data to the statutory auditors**, and more than a third of respondents would like to open their RMIS to brokers, actuaries and consultants.

RMIS ACCESS FOR EXTERNAL ACTORS

■ Give access ■ Do not give access



RMIS Panorama 2021 results summary

Survey methodology for vendors

Concerning the vendor's survey, multiple-choice questions were often proposed to provide simple options to the vendors and improve the analysis on a standardized basis.

Each of the standardized responses was assigned a certain scoring as per the following scale, identical to that used in previous editions:

COVERAGE	SCORE	DESCRIPTION
Feature not covered	0	Feature not implemented in the solution
Feature can be covered with ad hoc development	1	No existing standard, but can be developed with ad hoc development by a specialist (depending on aspects: vendor, integrator or client IT Department)
Feature covered, but limited to a standard behavior	2	Using the existing standard, but not editable/configurable, either by the vendor, the integrator, the business user or the client IT Department
Feature covered by technical customization	3	Customization of the standard solution, that can only be performed by a technical expert of the solution (for instance: people from vendor, integrator, or from client IT Department, previously trained to technical solution administration)
Feature covered by business user customization	4	Customization of the standard solution, that can be performed by a business user, independently from the client IT Department and from vendor or integrator (possibly after a nontechnical functional administration training)

This scoring scale allowed an objective analysis of responses in order to obtain individual and global conclusions. These results were then analyzed in the light of the comments and feedback provided by vendors, to reflect the characteristics of their products as accurately as possible.

Finally, we would like to point out that, as in previous editions, **the analysis carried out was based on vendor self assessments only.**

In line with our core tenets mentioned above, **no tests or interviews were conducted to avoid any judgment** whatsoever from the team who elaborates the Panorama.

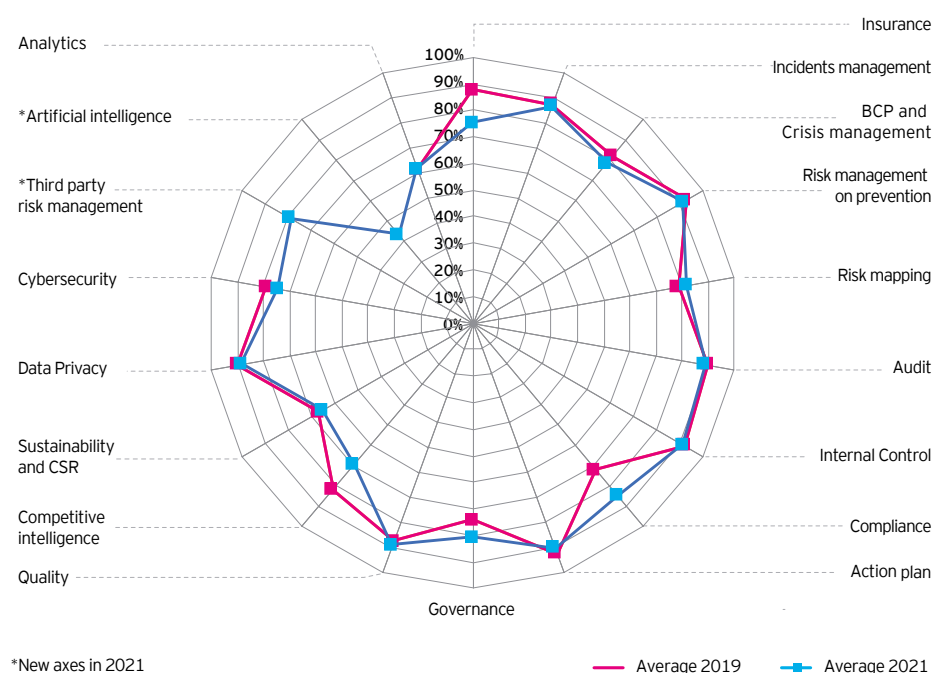
Two levels of synthesis have been held from the first edition of the Panorama:

- ▣ **Global synthesis** aimed at capturing the main respondents' characteristics,
- ▣ **Individual feedback, per vendor.**

2021 global results by functional modules and technical axes

The following chart shows aggregated vendors responses on the functional modules and technical axes and provides a comparison with the results achieved in the previous edition (2019).

FUNCTIONAL MODULES (BASED ON VENDORS' SELF-ASSESSMENTS)



Note that:

The calculation method considers, for each module, only respondents having the module (RMIS vendors without the module do not penalize the average score).

Comments :

- > The general shape of the 2021 coverage curve remains essentially the same as in 2019.
- > The functional modules are covered on average at 80% by all respondents. On a like-for-like basis, this coverage rate has decreased by 2 points compared to the previous edition.
- > The **Insurance** and **Competitive Intelligence** modules recorded the largest drop.
- > **Compliance** shows a clear progression (+13 points) contributing to a good level of satisfaction perceived by the risk managers on this module.
- > The integration of **Artificial Intelligence** functionalities being progressive, the RMIS vendors show a very low average level of coverage (43%).

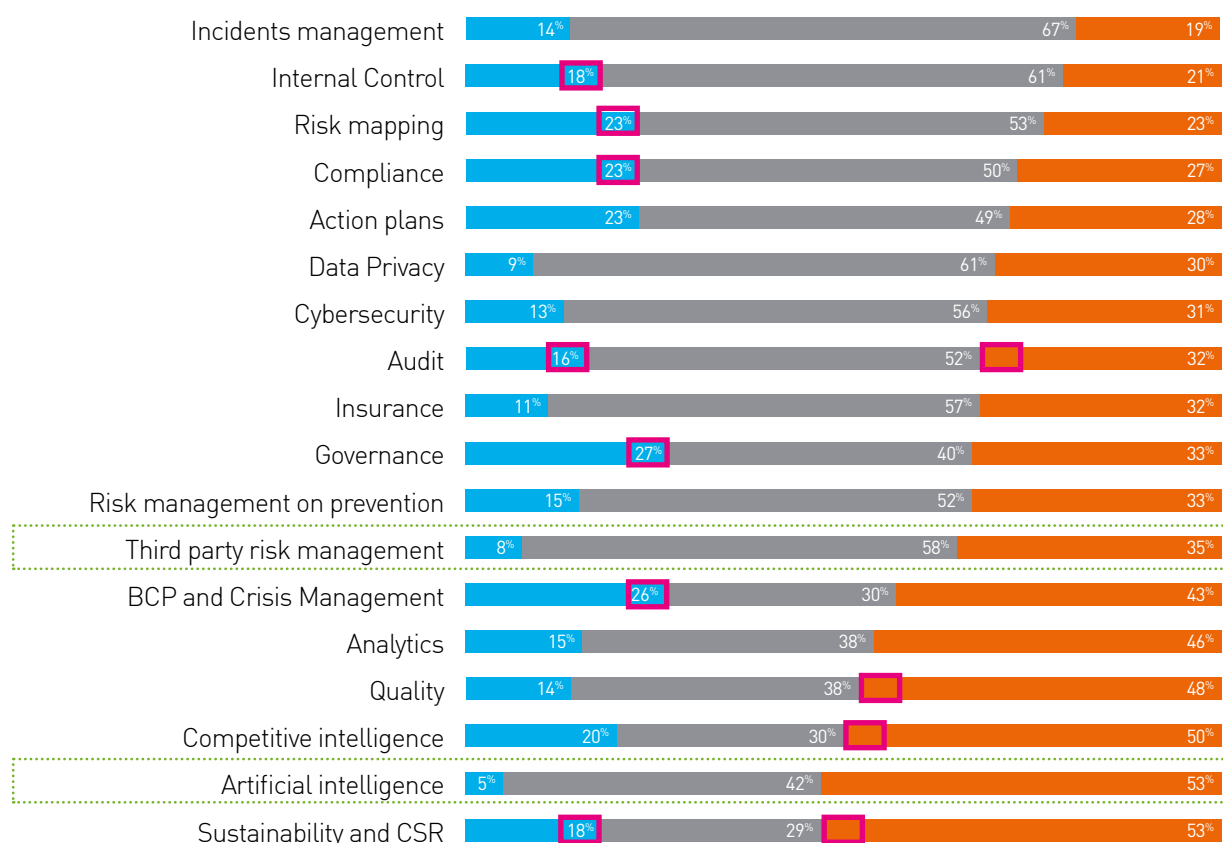
The description of the functional modules is available in [Appendix 3](#).

Functional modules (based on Risk managers survey)

The average satisfaction rate has decreased slightly since 2019 to 66% (-5 points), with the following modules showing the greatest decline: Audit, Sustainable Development, Quality and Business Intelligence. However, most of the modules (excluding Business Intelligence and Sustainable Development) meet the expectations of the majority of the respondent population of risk managers.

SATISFACTION LEVEL PERCEIVED BY RISK MANAGERS ON FUNCTIONAL MODULES

■ Beyond expectations ■ Meet expectations ■ Below expectations ■ Major change compared to 2019 (difference >10 points)
 ▤ 2021 new criteria



While the **Third-Party Risk Management** module satisfies more than two-thirds of respondents, the **Artificial Intelligence** module seems to leave risk managers more mixed.

The **Incident Management** module has progressed this year to become the most satisfactory module for risk managers.

Functional needs of Risk managers

Risk mapping (93%), Incidents management (89%), Risk management on prevention (85%) and Action plans (83%) remain the most expected functional modules of an RMIS.

Expectation for the following module are still high: Audit and crisis management and BCP.

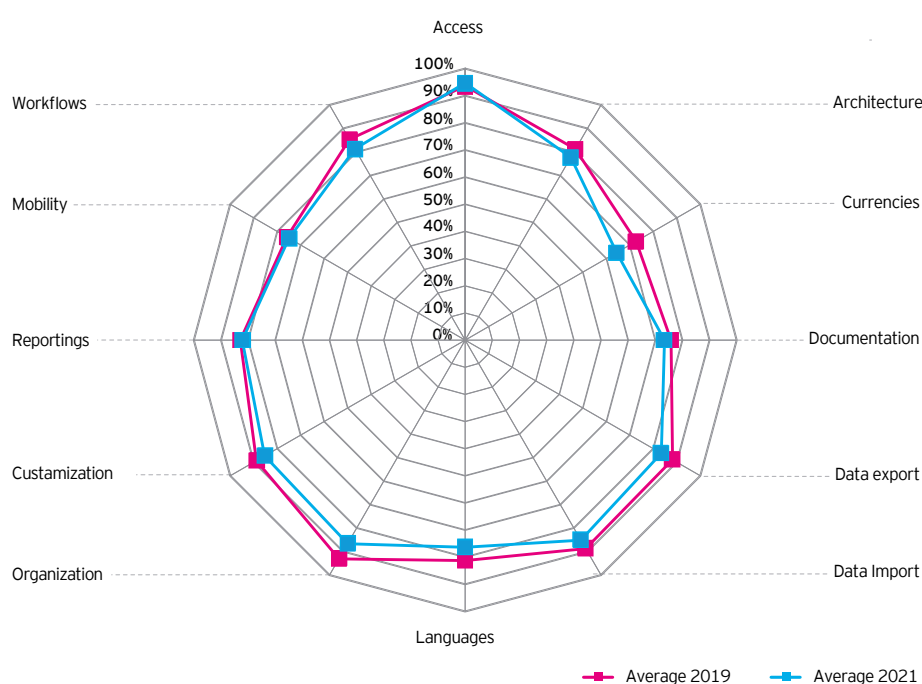
Expectations for the following areas remain low (50 to 60 %): Competitive intelligence, Sustainability and CSR and Governance.

Third Party Risk Management module (added this year) is highly expected functional module of an RMIS (71%).

FUNCTIONAL NEEDS OF RISK MANAGERS (vs. 2019)

1. Risk mapping (→ 1)
2. Incidents management (→ 2)
3. Risk management on prevention (→ 3)
4. Action plan (→ 4)
5. Audit (→ 5)
6. BCP and Crisis Management (→ 6)
7. Internal control (→ 7)
8. Insurance (→ 8)
9. Compliance (→ 9)
10. Third party risk management (new)
11. Data Privacy (→ 11)
12. Quality (→ 12)
13. Cybersecurity (↘ 10)
14. Governance (↘ 13)
15. Sustainability and CSR (↘ 14)
16. Competitive intelligence (↘ 15)
17. Artificial intelligence (new)
18. Data analytics (new)

TECHNICAL AXES (BASED ON VENDORS' SELF-ASSESSMENTS)



Note that:
The general shape of the 2021 curve remains substantially the same as last year with, however, a slight decrease on the majority of the axes.

Comments:

- > Most technical axes still covered an average at 79% by all of the respondents.
- > The coverage rate of the currency management axis decreased by 8%.
- > RMIS access management is still a sensitive area where vendors have a good level of coverage.

The description of technical axes is available in [Appendix 3](#).

Detailed vendors' map based on self assessments (functional modules)

	Insurances	Incident management	BCP and crisis management	Risk management on prevention	Risk mapping	Internal Audit	Internal controls	Compliance	Action plan	Governance	Quality	Competitive intelligence	Sustainability and CSR	Data Privacy	Cybersecurity	Third party risk management	Artificial intelligence	Analytics
1-ONE																		
ALL4TEC																		
AMÉTHYSTE																		
APSYS																		
ARENGI																		
AVEDOS GRC GMBH																		
CERRIX																		
CHALLENGE OPTIMUM SA																		
CISS Ltd																		
DELTA RM																		
DIGITEMIS																		
EFRONT / BLACKROCK																		
ENABLON																		
GALVANIZE																		
IBM FRANCE																		
I-PORTA (GROUPE VISIATIV)																		
iWE																		
KERMOBILE SOLUTIONS																		
LEXISNEXIS																		
MAPTYCS																		
MEETRISK																		
MEGA INTERNATIONAL																		
MY RISK COMMITTEE																		
NANOCODE SAS																		
NEXT SRL																		
NGCOMPLIANCE																		
NOVASECUR																		
OPTIMISO GROUP SA																		
OXIAL																		
QUALITADD FRANCE																		
REFINITIV																		
RISHIVE SOFTWARE SOLUTIONS LIMITED																		
RISKID																		
RISK'N TIC																		
ROK SOLUTION																		
RSA ARCHER																		

Detailed vendors' map based on self assessments (functional modules)

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RVR PARAD - DEVOTEAM																		
SAI Global																		
SAP																		
Schleupen																		
SERVICENOW																		
SIACI SAINT HONORE																		
Sindup (Netprestation)																		
Software AG																		
Sword GRC																		
TeamMate – Wolters Kluwer																		
Ventiv Technology																		
VIRTUESPARK																		
Workiva																		

Detailed vendors' map based on self assessments (Technical axes)

	Access	Technical Architecture	Currencies	Documentation	Export	Import	Languages	Organization	Customization	Reportings	Mobility	Workflows
1-ONE	●	●	○	●	●	●	●	●	●	●	●	●
ALL4TEC	●	●	○	○	●	●	●	○	●	●	●	○
AMÉTHYSTE	●	●	○	●	●	●	●	●	●	●	●	●
APSYS	●	●	○	●	●	●	●	●	●	●	●	●
ARENGI	●	●	●	●	●	●	●	●	●	●	●	●
AVEDOS GRC GMBH	●	●	●	●	●	●	○	●	●	●	○	●
CERRIX	●	●	○	●	●	●	○	●	●	●	●	●
CHALLENGE OPTIMUM SA	●	●	●	●	●	○	●	●	●	●	●	●
CISS Ltd	●	○	○	●	●	○	○	●	●	●	●	●
DELTA RM	●	●	●	●	●	●	●	●	●	●	●	●
DIGITEMIS	●	●	●	●	●	●	●	●	●	●	●	●
EFRONT / BLACKROCK	●	●	●	●	●	●	●	●	●	●	●	●
ENABLON	●	●	●	●	●	●	●	●	●	●	●	●
GALVANIZE	●	○	●	●	●	●	●	●	●	●	●	●
IBM FRANCE	●	●	●	●	●	●	●	●	●	●	●	●
I-PORTA (GROUPE VISIATIV)	●	●	●	●	●	●	●	●	●	●	●	●
iWE	●	●	●	●	●	●	●	●	●	●	●	●
KERMOBILE SOLUTIONS	●	●	●	●	●	●	●	●	●	●	●	●
LEXISNEXIS	●	●	○	●	●	○	○	●	●	●	●	●
MAPTICS	●	○	○	●	●	●	●	●	●	●	●	●
MEETRISK	●	○	●	●	●	●	●	●	●	●	○	○
MEGA INTERNATIONAL	●	●	●	●	●	●	●	●	●	●	●	●
MY RISK COMMITTEE	●	●	●	●	●	●	●	●	●	●	●	●
NANOCODE SAS	●	●	●	●	●	●	●	●	●	●	●	●
NEXT SRL	●	○	●	●	●	●	●	●	●	●	○	○
NGCOMPLIANCE	●	●	●	●	●	●	●	●	●	●	●	●
NOVASECUR	●	●	●	●	●	●	●	●	●	●	●	●
OPTIMISO GROUP SA	●	●	○	●	●	●	●	●	●	●	●	●
OXIAL	●	●	●	●	●	●	●	●	●	●	●	●
QUALITADD FRANCE	●	●	●	●	●	●	●	●	●	●	●	●
REFINITIV	●	○	●	●	●	●	●	●	●	●	●	●
RISHIVE SOFTWARE SOLUTIONS LIMITED	●	●	●	●	●	●	●	●	●	●	●	●
RISKID	●	○	●	●	●	●	●	●	●	●	●	●
RISK'N TIC	●	●	●	●	●	●	●	●	●	●	●	●
ROK SOLUTION	●	●	●	●	●	●	●	●	●	●	●	●
RSA ARCHER	●	●	●	●	●	●	●	●	●	●	●	●

Detailed vendors' map based on self assessments (Technical axes)

	Access	Technical Architecture	Currencies	Documentation	Export	Import	Languages	Organization	Customization	Reportings	Mobility	Workflows
RVR PARAD - DEVOTEAM	●	●	●	●	◐	●	●	●	●	●	●	●
SAI Global	●	●	●	◐	◐	●	●	●	●	◐	●	●
SAP	●	●	●	●	●	●	●	●	●	◐	●	◐
Schleupen	●	○	●	◐	◐	●	●	●	◐	◐	◐	◐
SERVICENOW	◐	●	●	◐	●	●	●	●	◐	●	●	●
SIACI SAINT HONORE	●	●	●	◐	◐	◐	◐	◐	◐	◐	◐	●
Sindup (Netprestation)	○	○	○	○	○	○	○	○	○	○	◐	○
Software AG	●	●	◐	◐	●	●	●	●	●	◐	●	●
Sword GRC	●	●	●	◐	◐	◐	●	○	●	◐	◐	◐
TeamMate - Wolters Kluwer	●	○	○	◐	◐	◐	●	●	◐	◐	●	●
Ventiv Technology	●	●	●	●	●	●	●	●	●	◐	●	●
VIRTUESPARK	●	○	●	◐	◐	◐	○	●	◐	◐	◐	◐
Workiva	●	●	◐	●	●	●	○	●	◐	●	◐	◐

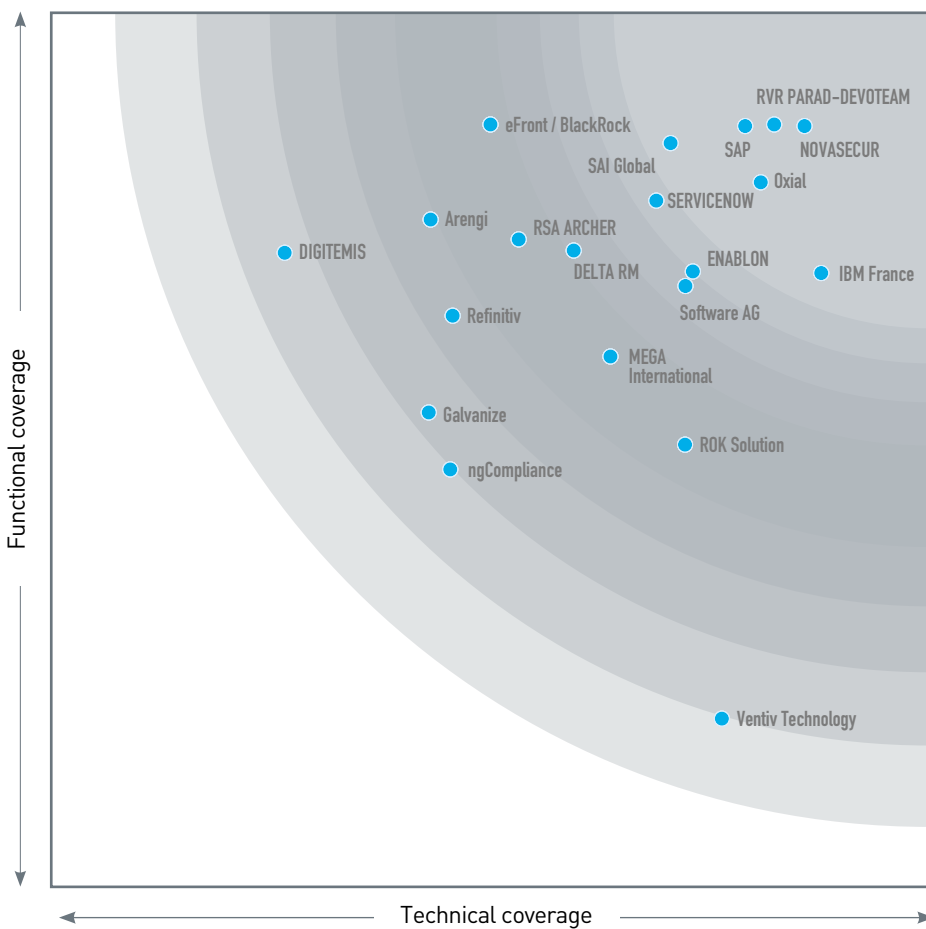
Vendor maps based on vendors' self assessments

The following RMIS vendors' maps are built using solely vendors' self assessments without any input or analysis from AMRAE and EY. They are organized by functional module showing only vendors covering this space.

For clarity and visibility purposes, only 20 vendors are displayed on each map using their abbreviated name.

A full listing of all vendors with their functional and technical details is available in the vendor profile section.

GRC



This item includes :

- > Risk mapping
- > Audit
- > Internal control
- > Compliance
- > Action plan
- > Governance

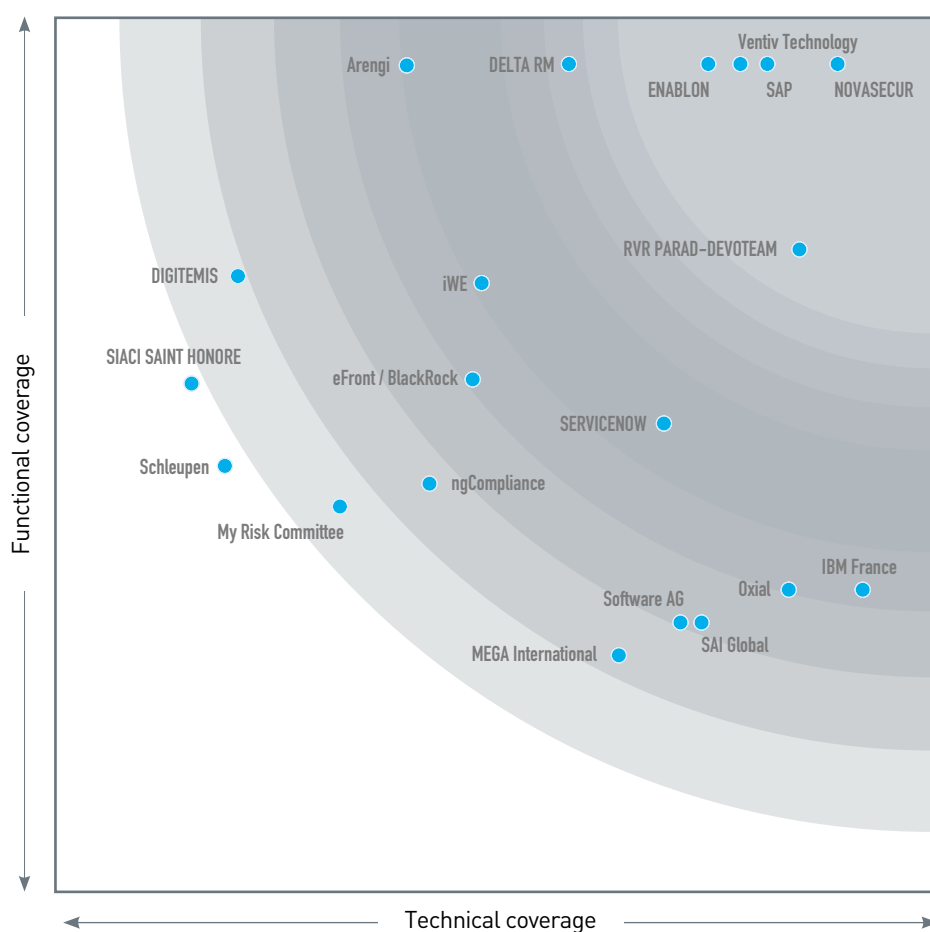
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Insurance



This item includes :

- > Insurance management
- > Incidents management
- > Risk management on prevention
- > Action plan

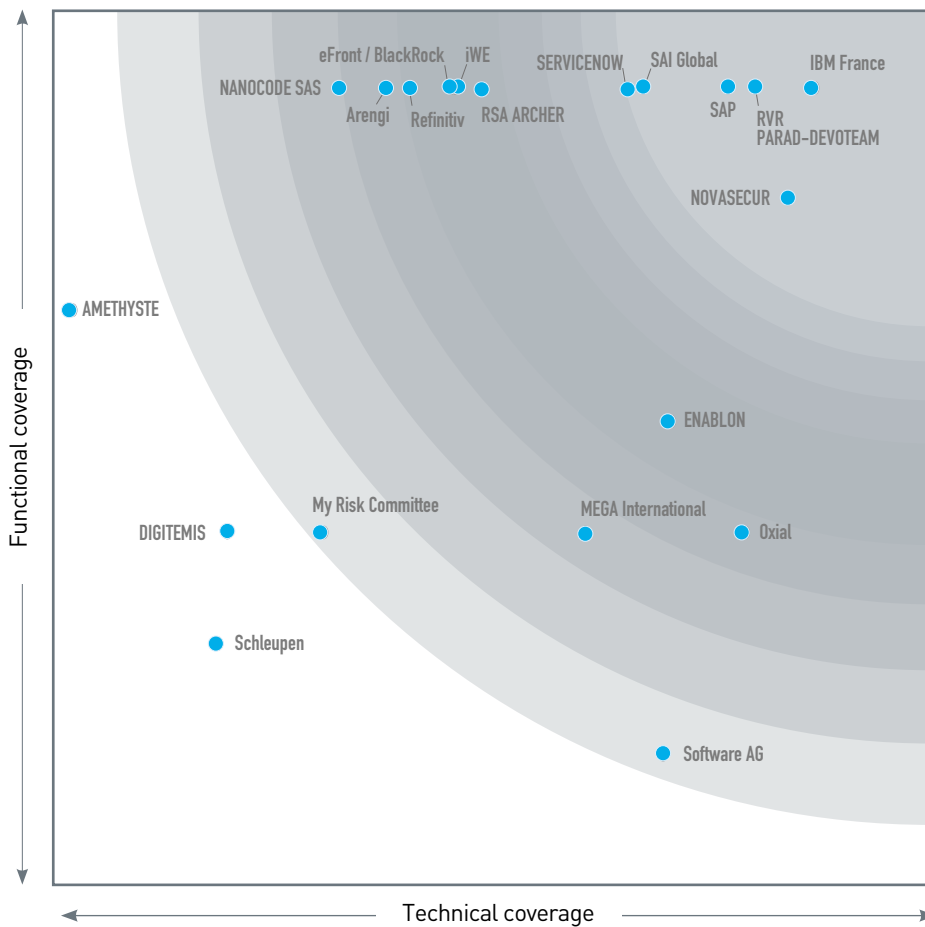
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BCP and crisis management



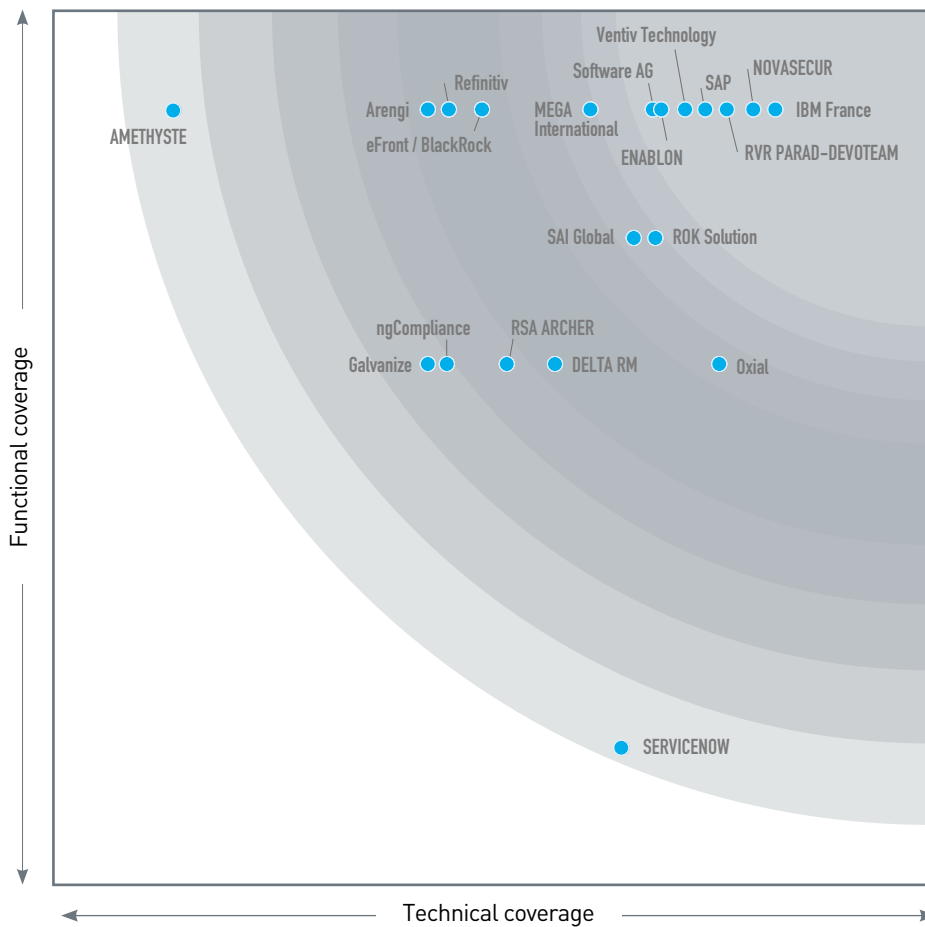
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Quality



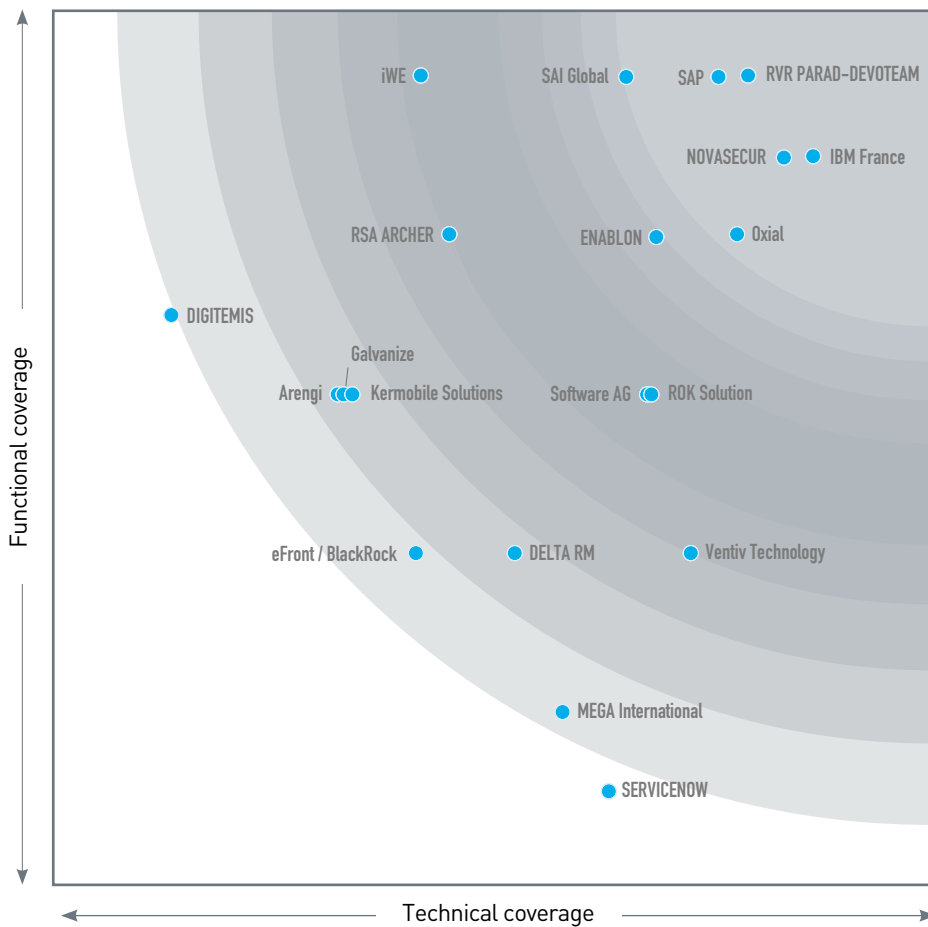
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Competitive Intelligence



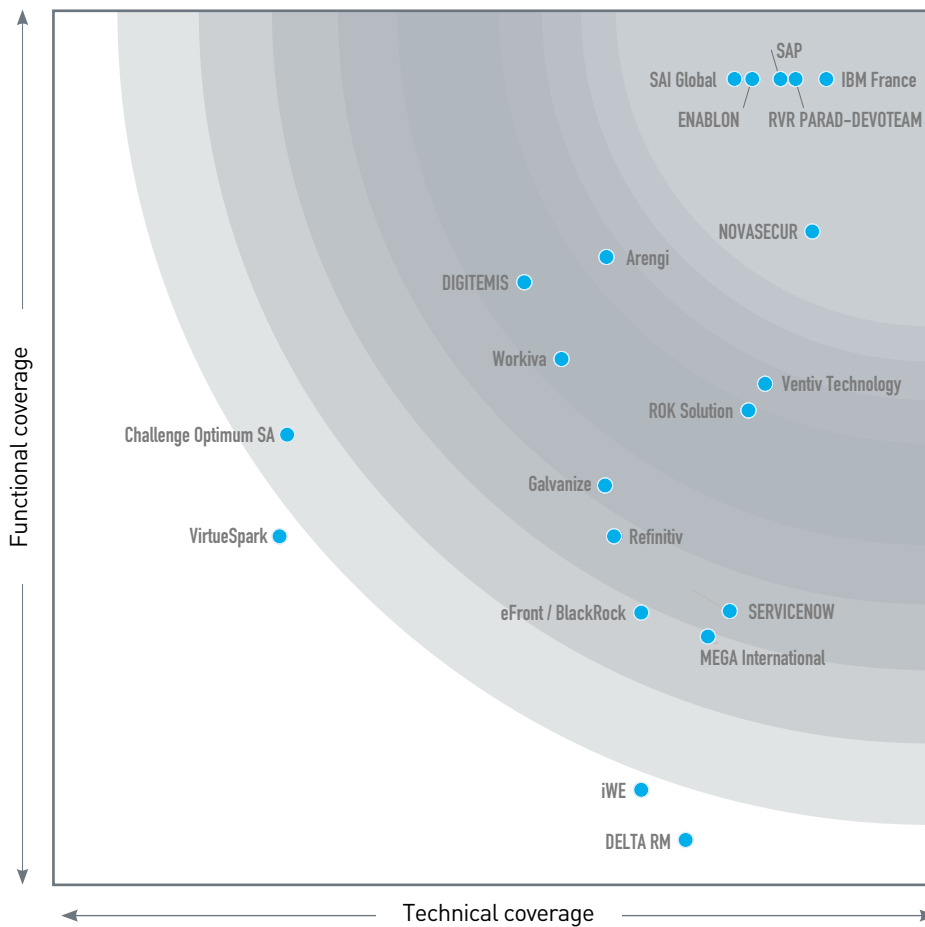
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Sustainability and CSR



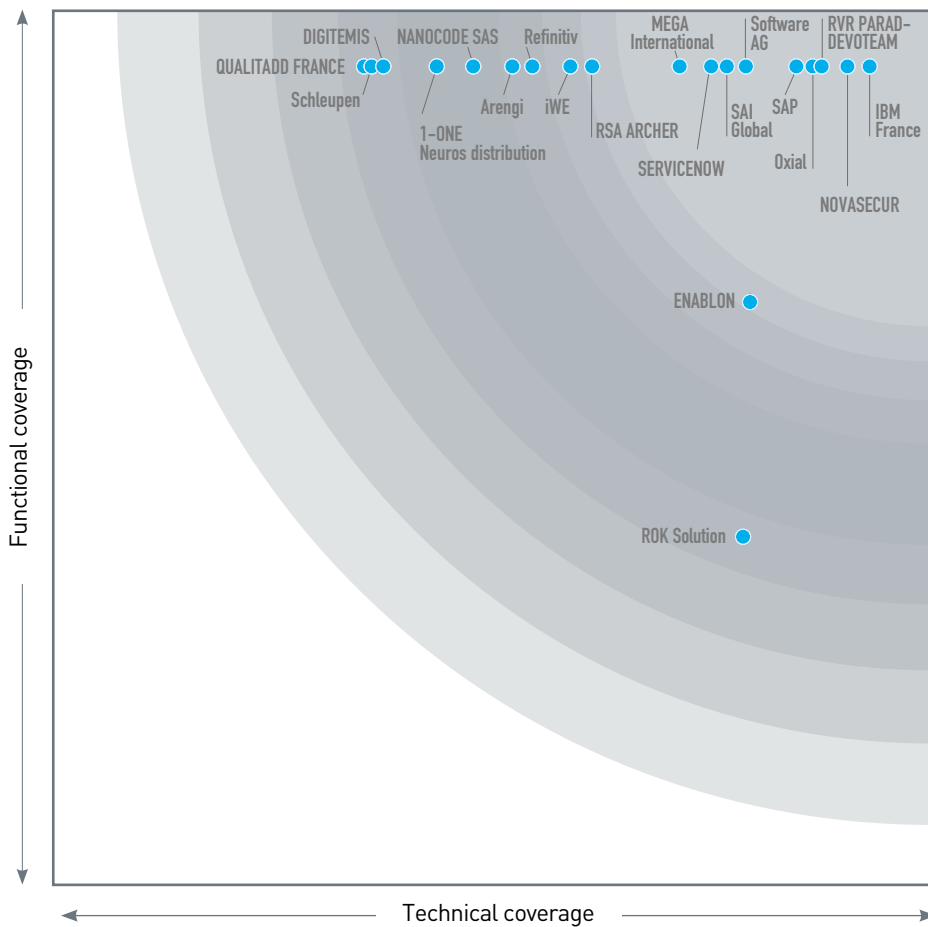
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Data Privacy



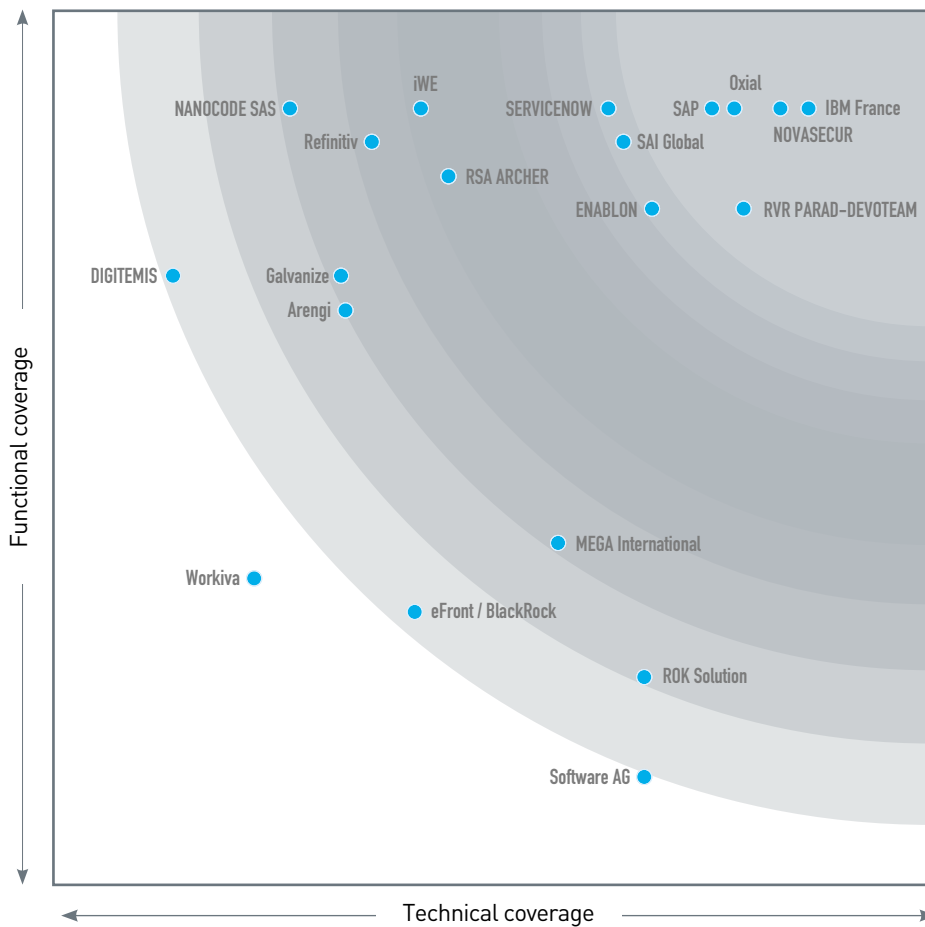
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Cybersecurity



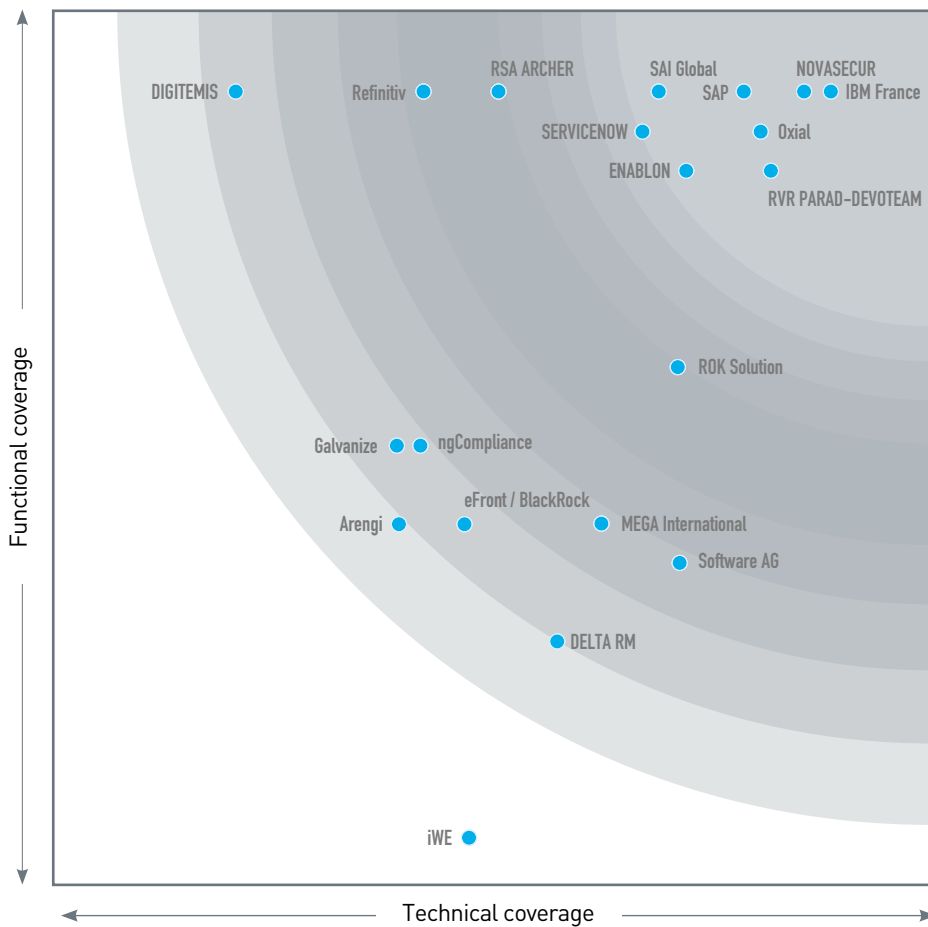
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Third party risk management



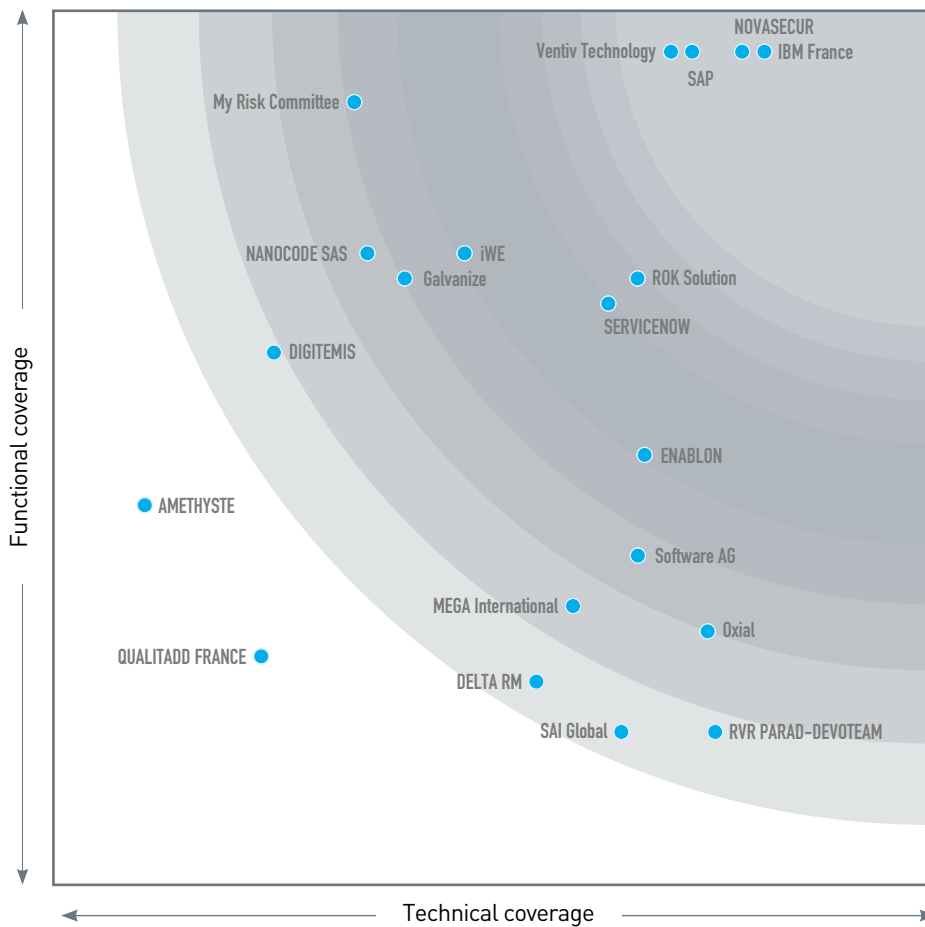
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Artificial intelligence



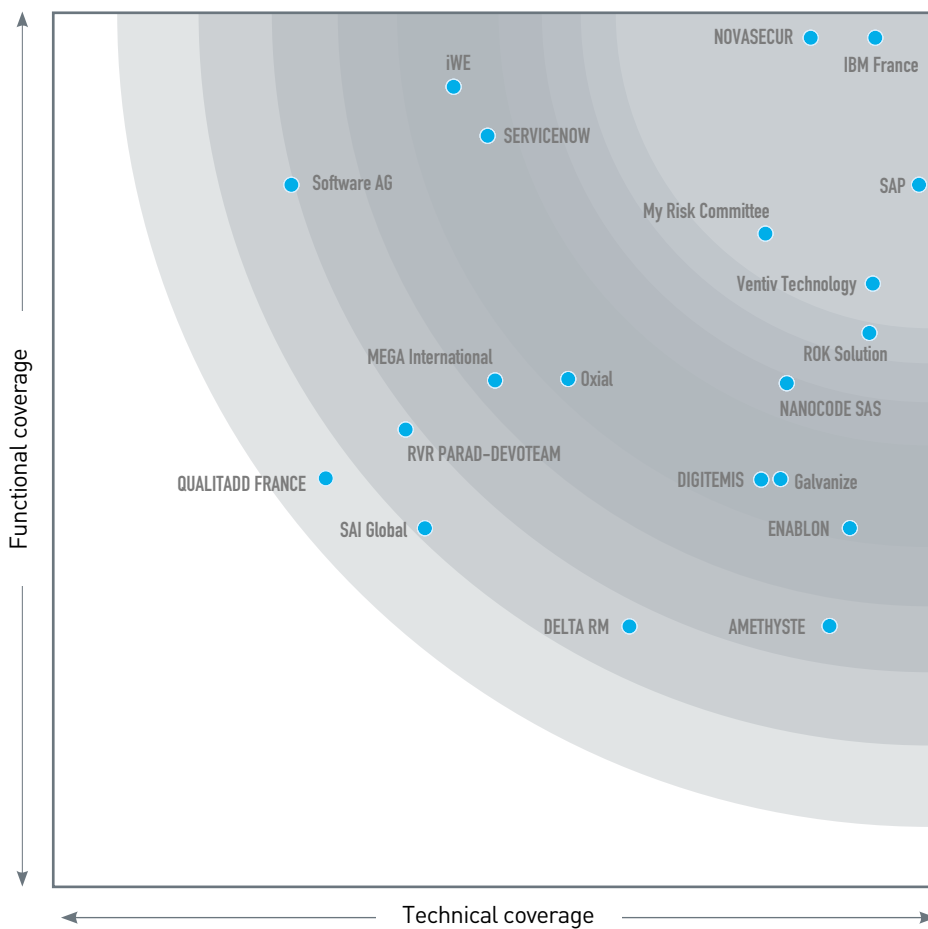
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Analytics



RMIS: Vendors facing the Covid-19

The crisis of the COVID-19, sanitary then economic, highlighted the importance of the Information Systems as one of the devices allowing a better resilience of companies.

In terms of risk management, the RMIS facilitated risk management during the crisis, as well as the application of internal and external action plans (governmental measures for example).

To help their customers and the community cope with this unprecedented crisis, RMIS vendors have reacted quickly, bringing practical, inventive, and often free new services to their users and prospects. Here are the most representative examples:



Thanks to the existing technological infrastructure already installed at their customers' sites, RMIS vendors have demonstrated that they can be reactive and supportive to help Risk managers in their crisis management by quickly

making additional capabilities available to them adapted to the COVID-19 crisis. Capabilities that could be activated again and augmented in the event of new pandemic crisis episodes.

Risk managers' testimonials





Dirk Wegener

President FERMA

www.ferma.eu

Today, many risk managers are employing digital tools. **Two-thirds** of the respondents to the FERMA¹ 2020 Risk Manager Report said that they are using innovative technologies such as **data analysis, data visualisation, process automation and/or artificial intelligence**.

Such innovations make it possible for risk managers to use **large amounts of data**, perform more **analyses** with larger samples and bring out increasingly useful information. As a result, they can **better see** how risks are **evolving and identify** where they are **interconnected**.

We believe this engagement with digital technology **will spread widely across the profession** of tomorrow. The growing use by organisations of digital tools, from remote **sensors to artificial intelligence**, will generate increasing amounts of relevant information for risk managers.

When it comes to insurance, **FERMA supports the open insurance** initiative underway now (May 2021) by the European insurance and pensions regulator, EIOPA². The proposal does not currently refer specifically to corporate insurance, but FERMA hopes that it will eventually **improve exposure data transparency to the benefit of commercial insurance buyers and captive owners too**.

We are also seeing increasing **development of risk transfer** products that use **parametric triggers**. They analyse big data generated by remote monitoring systems, such as weather stations, to create payment triggers. Tomorrow's risk manager will work with their intermediaries to take advantage of such policies. In the future, risk managers may even help their organisation build additional risk transfer capacity through the capital markets by using big data and **digital analysis**.

The future is digital.

¹ FERMA 2020 : <https://www.ferma.eu/publication/the-european-risk-manager-report-2020-key-findings/>

² EIOPA : European Insurance and Occupational Pensions Authority



Franck Baron

Chairman of PARIMA

Head of Risk & Insurance at International SOS

www.parima.org

PARIMA is strongly promoting the development of digital tools to support the continuously growing needs for Risk Managers to be better equipped in terms of **data management and analytics**.

A lot is said about **Big Data**, IoT¹ and **IA** but not enough has been seen yet.

The challenge and the new frontier are **the ability to extract information from various existing databases** (internal and external) and to develop **dynamic dashboards** so that we can level up our ability to **analyze and make sound decisions** about risk issues and insurance matters.

Regarding **insurance procurement** and related transactions, there is still **room for improvement** as the Corporate Risk segment of the insurance/broking industry remains quite poor at developing **data sharing protocol** that should benefit to all parties and make this workflow way more efficient.

PARIMA is firmly convinced that a **global dialog** needs to happen with industry players to **develop data sharing protocols** that would ultimately help each of us. **Proper and concrete digitalization** (including data sharing protocol) **needs urgently to become a reality**.

¹ IoT : Internet of Things



Nicolas Dufour

M.N.H. Company

Head of Risk Management and Internal Control

The solution has enabled us to support the ramp-up and strengthening of our internal control and risk management system.

Thanks to the flexibility and «human centric» ergonomics of the solution, we were able to implement a pragmatic solution and address all the key processes of our activities. Thus, we have deployed the incident, risk mapping, control, compliance and associated reporting modules. This flexibility allows us to plan for other developments and to interact effectively with both our referral network and our risk governance.

Finally, the software vendor's support facilitates the daily use of the tool.



Raphaël Béreau

Pasteur Mutualité Group
Head of Compliance and Internal Control

For many years, we had been maintaining a process and risk map on spreadsheets/databases. Although our methodology was proven, we encountered the necessary **limitations of using tools that were ultimately sources of operational risks** themselves and required too frequent maintenance and controls. In addition, **we had to keep up with market changes** (regulatory constraints, emerging risks, integration of key functions in accordance with Solvency II, etc.) while at the same time **supporting the company's evolving strategy** (external growth, partnerships, outsourcing, process optimization). We then conducted a market study on the RMIS provider market with three main ideas:

We then conducted a market study on the RMIS supplier market with three guiding ideas:

- > **Agility and efficiency:** accessibility, ergonomics, ease of access to tasks to be performed without loss of time for management; access to the functions and tasks to be carried out anywhere, at any time, without becoming an expert in the tool itself. Click and do;
- > **Security:** differentiated access rights that can be adapted to user or management need, control of reference systems (processes, organizational or legal entities, risks, etc.), consolidation and easier control of information;
- > **Steering:** dynamic reporting facilitating direct access to basic information, exchanges facilitated by controllable workflows, action planning, alert, and monitoring systems.

Once these prerequisites were defined, we chose software vendors with **expertise in our insurance market**. We had to accept one constraint from the outset: these software vendors have expertise and we had to **capitalize on it** without trying to move away from the tool's primary and proven functionalities. Win/Win.

Since 2018, we have migrated to a solution that perfectly meets our needs, with responsive teams that understand the client's needs without inundating them with semantic barriers or overly heavy project methods.

Today, the entire scope of **internal control, compliance and operational risk management** is monitored in this solution. This is done with the **integration of all the key functions** (ERM, audit, CISO, DPO...), which objectively serves the quality of the results and the exchanges between us all.



Markus Bosch

Loomion Company
COO

It was a challenge to find the right solution among all the offerings on the market. We chose a **young vendor** that avoids old habits and is designed to **manage risk and compliance** in the digital age. The effort involved in **configuring and deploying** the solution was easy.

Today, we know our **assets, their valuations** as well as their respective **risk levels**. **Corrective and preventive actions** can be assigned to **any employee/outsourcer** in our company and the status is available in real time.

The shift from an undocumented, intuition-based risk management approach to a structured one required a **change in mindset** that should not be underestimated. The hardest part has been to get the «subject matter experts» to move and convince them. All other employees are much less reluctant to use something new.

Another aspect not to be underestimated, requiring special attention and communication, is the «**brutal**» **transparency** of such a system.

Today, we feel that we have a good knowledge base to be able to **react more quickly** and that our **decisions are better based**.



Pierre Eliot

Saint-Gobain Company
Loss Prevention Director

Saint-Gobain, whose raison d'être adopted in 2020 is «Making the World a better Home,» designs, produces and distributes materials and solutions that have a positive impact on the lives of each and every person, bringing well-being, quality of life and performance, while caring for the planet. Since 2012, it has used risk management software to collect PDBI (property damage, business interruption) data from manufacturing facilities around the world. Using the data collected annually from more than 1,300 locations, the Saint-Gobain risk management team has built a highly effective loss-prevention program based largely on getting locations deeply involved in improving their own performance.

The Saint-Gobain team aimed to carry out consistent comparisons and benchmarks across locations, lines of business, and countries.

Among the biggest enhancements since transitioning from spreadsheets are:

- > The questionnaire is now completed in online forms, which means no more complicated manual data consolidation;
- > User management is efficient and easy;
- > Data integrity and access are greatly enhanced.;
- > Double-axis user access is managed in the system, with each user seeing only their own data;
- > Robust workflow validation and user notification system;
- > Location-specific scores and charts are easily generated in PDF;
- > Business intelligence tools enable strong analytics and campaign follow-up.

Pierre Eliot, Director of Loss Prevention said "Risk grading is at the center of our risk-prevention policy, since deploying the solution, we've seen strong growth in the program. The number of locations participating has increased by 50 percent. The solution has increased awareness of prevention at all levels, making it easier and more effective to create, deploy, and track action plans. Overall, it's fostered a positive internal competition, which is the ideal outcome from benchmarking performance across the company."



Bart Smets

Umicore
Head of Insurance & Risk

Umicore is a global materials technology and recycling group. We reduce harmful emissions, power the vehicles and technologies of the future and give new life to used metals.

We recently decided to implement an RMIS with the aim of **digitizing and centralizing all historical data**, in order to manage information more **efficiently**. The tool is operational since January 2021.

Accessible to all group employees, we currently have between 30 and 40 «regular» users.

In its initial phase (other applications will be developed in the future), the RMIS system will be used for **incident tracking**, **claims** (insurance) and **litigation management**, **certificate requests** and **follow-up**. **Prevention** and **asset protection** are also managed within the RMIS.

This RMIS also allows **audits / controls** to be carried out using **mobile applications**, to follow up on the resulting **recommendations** to improve risk management, and to **benchmark** between the different sites and / or Business Units.

The use of a central database allows us to **better capture** all relevant information, to **better communicate** between all stakeholders and, most importantly, to **eliminate duplicate work**.

Reporting and monitoring have become much easier: since **the standard reporting has been automated**, it can be adapted more easily to the situation.

Since we can give access to the RMIS to external service providers (insurers, brokers, consultants, surveyors, etc.), information is **quickly available and reliable** in the system (no delays, no errors, etc.).

Looking back, the **configuration and implementation** went extremely **smoothly** and after a few months, we can already see the benefits.



Didier Odorico

Tetra Pak
Directeur Risk Management

The Risk Manager function is undergoing its **fourth transformation** since the 1980s. From a tool for managing insurable risks in the 90s, we progressively moved to an internal control tool in the 2000s and then extended the scope to governance in the 2010s to arrive at an **integrated approach** to Governance, Risk and Compliance management.

With the development of artificial intelligence and the explosion of available data, risk management can now contribute to the success of the company in a much more efficient and relevant way, and **above all in much broader areas**. There is a **clear shift** from risk management and control to **strategy**, for example.

Most RMIS have followed this evolution, but the vast majority, including ours, are still **very much oriented towards internal control**, with fairly **well-developed interfaces with management systems** and specific extensions for certain risks, such as fraud, quality or business continuity.

From our point of view, these RMIS architectures **do not allow to address new topics nor to synthesize information in a useful way to improve decision making**. Integration with internal management systems is now becoming minor compared to the possibility of **exploiting a multitude of external and internal data in real time, automating risk management** and above all **alerting management** for rapid decision-making on all kinds of risk, including strategic risk (Detection, Interpretation, Warning, Decision).

In recent years, we have gradually decoupled risk management and information tools from internal control tools. The latter have become only **one of the pieces of the puzzle that we must connect to the RMIS** in the same way as **external sources**. For the time being, we use general or paid **connection tools (APIs)**, **automation tools** (e.g. Alteryx) and **visualization tools** (PowerBI, Tableau) to **support the decision process related to risks and opportunities**.

Some developers have understood this new need and are starting to offer tools that are **able to connect to sources, automate logic and support decision making**. We analyze the relevance of these early adopters and from what we observe, they are **new players** in the risk management field with a **radically different approach**.

Solutions that have been around for many years have a harder time changing because the very architecture of their systems is based on integration with internal controls rather than **interfacing with an infinite number of sources**. However, I look forward to a groundswell of movement by RMIS vendors in this direction.



Marie Guillemaud

FDJ

Risk Management

In 2020, the FDJ Group acquired an integrated RMIS tool that will enable it to carry out its missions, in particular for conducting **internal control** self-assessment campaigns, **internal audit** missions, **risk mapping**, opportunity mapping, and for monitoring the associated **action plans**.

The choice of the tool was a real challenge in order to find a mature **solution that covers the entire perimeter** by relying on common reference systems (risks, activities, entities) for the various control functions. **Ergonomics** was also a key point in the choice of the solution in order to facilitate appropriation by the Group's users.

The implementation of an RMIS tool requires a real organization in **project mode**, including the appointment of a dedicated project manager, sufficient time allocation for the implementation of the various phases and anticipation of milestones. In addition, the **mobilization of the entire business team** is also essential, both for the definition of needs and for the implementation phase of such a tool.

The implementation of the RMIS tool has allowed us to strengthen the coordination of our businesses, improving the **coherence and fluidity** in the follow-up of the different points for the end users. In addition, this type of tool offers consolidated, reliable, and customizable **reporting capabilities** that can be linked to existing «dataviz» tools.

Deployment to all Group entities is underway. Familiarization with the tool is easy, including for remote users.



Vincent Casanovas
EUMETSAT
Risk and RAMS Officer

Two examples of what the RMIS tool has enabled

The first advantage of an RMIS is that it establishes a process, which structures the approach for the more than 300 users of the tool.

The second advantage is that it provides a complete view of EUMETSAT's risks. We manage about 50 risk maps with the tool, which allows us to have an overall view and to consolidate, for example, using a number of filters, which are useful for defining the most relevant mitigation measures. This comprehensive view also allows you to verify that the same risk is not duplicated.

Another advantage of our RMIS is that it facilitates the optimized management of a risk. Thanks to the RMIS, a risk can easily be transferred from one place to another. This makes it possible to manage a risk at the right level (our golden rule is to manage the lowest possible risk in terms of responsibilities), without losing the information. For example, the risk of «Negative interest rate and liquidity shortage» has been transferred to a lower level of responsibility, while the risk of «Interference of embedded instruments due to 5G deployment» has been transferred to a higher level of responsibility.

From 2023 onwards, our business will experience an exponential increase in climate data, with the launch of new meteorological satellites. This constraint was taken into account during the development of the RMIS. Because one of the risks of the project was the critical mass of data. All this was considered at all stages.

A specificity, linked to our public service operating framework

We had already used Panorama RMIS when selecting our current RMIS, considering two strong constraints: data security and hosting in one of the 30 EUMETSAT member countries.

However, our *modus operandi* requires a regular review of the competition, which we are currently conducting, and which may lead to a confirmation of the tool in place or a change if other offers prove to be more relevant.

The RMIS Panorama was again very useful for our pre-selection. Of the functional modules, we chose three: «Risk Mapping», «Risk Management», and «Action Plans» in line with our needs. For the technical modules, we targeted five: «Access», «Customization», «Data export», «Workflows» and «Reporting». We have pre-selected the software vendors with 100% coverage of the three functional modules corresponding to our needs and have refined the selection with the five «Technical Lines».



Paul-Emile Leroy

Union Industrielle
Président du directoire

The implementation of RMIS tools was initially an essential support for our main clients, whose international dimension required a tailor-made **data collection and processing**, meeting the expectations of all stakeholders in their respective risk control issues.

This tool has been refined through feedback, guided by the need to prioritize highly operational use and to control the integrity and sharing of data.

Far from being the prerogative of large groups only, solutions adapted to small and medium-sized companies and focused on the modules that are actually necessary are now offered to all our clients, who are eager to find **productivity** gains and increased reliability in the **apprehension** of their risk profile at an adapted price.

This development is also taking place against a backdrop of tougher insurance markets and is **an asset for arbitrating the financing of risks according** to their actual intensity and not just their anticipated intensity.

The success of the implementation of these customized tools depends on a **needs analysis** that is as detailed as possible and on the support of all the contributors and users to the project. Our entire approach is guided by this spirit of **co-construction**, which guarantees the appropriateness of the chosen solution and the sustainability of its operation.



Laurent Vaslin

Zurich France
Risk Officer

The platform used by Zurich Insurance Group is an integrated solution which enables Business Units to **manage risk and controls** across the global organization. The main functionalities are the internal **risk policy adherence**, the **operational risk** management, the **mapping** of risks to internal taxonomies, the **loss event** management, the **internal control** framework and the **reporting**. Compliance and own insurance policies are managed separately. The applications are **modular** and can be adapted according to the business needs.

In France, we are active users of the system, though we have no direct link with the developers. **The advantages** of such a tool are the **consistency of information and the management of action plans** and deadlines in a large and global organization. We effectively rely on a local network of risk champions across functions who are trained on our systems and **develop** their risk expertise.

Like any global tool, the important points are the **management of user rights** and the **availability** of an efficient hotline.

Useful advice for a successful RMIS journey



Bertrand RUBIO

Associate Partner
Enterprise Risk, EY Consulting

Choosing the right RMIS for your organization can be a long and perilous process.

There are many elements to consider from the requirements gathering phase through the change management program in the organization after the tool is implemented.

In order to help risk managers in their RMIS process, we have summarized in the infographic below, for each phase, the main activities to be carried out with the degree of involvement of each stakeholder (IT, risk management team, users, software vendors) and practical advices:

Phases

Tips



We can identify the following principal **key success factors**:

Think Big...

- > Identify short-term needs but consider your long-term trajectory. Don't limit yourself to a **silo** approach but consider the opportunity to integrate multiple domains (risk, insurance, audit, process modeling, ...). The tool will accompany you for several years and could be an important vector to reinforce a coherent and shared vision of risk management.

... Start Small

- > Avoid the "Big Bang" approach, start the deployment of the tool with a limited and controlled functional perimeter, then extend it year after year. RMIS on the market are flexible and allow for progressive parameterization.
- > **The sponsor** plays a key role in promoting the initiative and the ambition of the project.
- > **The project team** frequently includes a "group of future users" who, in support of the core team, participate in certain key stages of the selection process (review of the specifications, participation in presentations) and implementation. Make sure that the team is available of the team for the entire period!
- > Provide the candidates with **demonstration scenarios** beforehand in order to frame the sessions. A "Proof of Concept" (POC) can also be organized to test the solutions over several days.
- > **Adapting the RMIS** to your methodology is important, as deviating too much from its standard brings a **risk of instability and obsolescence**.

Expert advice for GDPR compliance



Fabrice NAFTALSKI

Partner Lawyer

Head of the data protection, intellectual property
and digital law department of EY, law firm

Digital transformation and personal data protection, what precautions should be taken to comply with the GDPR?

The digital transformation of our Risk, Insurance and Audit businesses is a powerful vector of simplification, agility and analysis. It also often results in the more massive, systematic and targeted processing of personal data, whether it concerns the users of dematerialized resources (who must have access and authenticate themselves) or the data of people concerned by the digitized business or process (customers, employees, suppliers, partners, etc.). It is therefore essential to be very careful to respect the provisions of the General Data Protection Regulation (GDPR) published on May 4, 2016 and applicable in particular in the member countries of the European Union since May 25, 2018.

The legal framework for data protection

Companies must ensure (i) that their data processing complies with these regulations, which include transparency obligations (detailed information to individuals on how their data is used, by whom and on whose behalf, for what purpose, how long it is kept and the level of confidentiality/security, etc.), to identify all personal data processing by purpose (target uses) and to conduct impact analyses for processing that poses a high risk to individuals (e.g., in the case of large-scale processing of sensitive data such as health data or crime data (e.g., for compliance processing)), and (ii) in application of the new principle of «accountability», to document the way in which they manage and monitor their compliance. Focus on transfers of personal data outside the EU.

Among the obligations that are often overlooked, the GDPR regulates data transfers to countries outside the European Union. The main objective of these rules is to ensure that European residents have a level of protection equivalent to that of the European regulation when their data is processed in non-European countries where the legal framework for data protection is less restrictive or protective. Several mechanisms are available to ensure that the level of data protection permitted by the Regulation follows data transfers. Non-compliance with the rules on transfers is subject to the most significant penalties, with administrative fines of up to €20,000,000 or, in the case of a company, up to 4% of the total worldwide annual revenue for the previous financial year, whichever is higher.

The CNIL defines transfer as «any communication, copy or movement of personal data intended for processing in a country outside the European Union». This notion includes, for example, the sharing or sending of personal data by electronic communication, but also remote access to personal data, even when hosted on the territory of the Union, by any means, any communication medium, to teams located outside the EU. Organizations are increasingly organized around their businesses and customers regardless of geographic boundaries. This development, which is constantly increasing, requires them to constantly monitor the transfer of data in a context where the level of constraint has increased following the Schrems 2 decision handed down on July 16, 2020 by the CJEU, which now requires that for each transfer of data to a third country that is not adequate (i) not only is the transfer monitored by traditional mechanisms, including standard contractual clauses (SCCs) between the EU-based data exporter and the data importer or Binding Corporate Rules (BCRs) for intra-group transfers mainly (ii) but also an assessment of the third country prior to the transfer, obliging the data exporter to check whether the legislation of the recipient country guarantees that the level of protection required by EU law is respected. If this is not the case, they will have to implement additional contractual, technical and organizational measures to compensate for the shortcomings of the country's legal systems with regard to data protection, where possible. Otherwise, the exporter will have to suspend or terminate the transfer if the exporter concludes that an effective level of data protection equivalent to European law cannot be ensured.

Conclusion

The data protection component is an essential step in the digital transformation project of our Risk Management functions, and must cover all of the key subjects mentioned above, which require legal skills (in particular with regard to the legal basis, respect for purposes and the principle of minimization, contracts with subcontractors and co-processors, impact analyses, obligations of fairness and transparency, control of retention periods and transfers outside the EU, relations with data protection authorities) and IT security skills (protection of data security and confidentiality, IT part of impact assessments, security annexes of contracts, etc.). Compliance with these rules is also a vector of trust and ethics that contributes to the organization's reputation in the marketplace and with its partners.

Detailed datasheets by vendor

The responses provided by each vendor are summarized on a datasheet presented as follows:

Vendor contact information

Contact person within the vendor

UPDATE 2020

Vendor logo

Update date and new entrant indicator

Staffing, scope of intervention

Particularities, differentiating factors

Kind and dominant(s) of the solution

Presence: Commercial or implementation services

Strengths (according to the vendor)

Possibility of data hosting

Number of implementation projects


Sectors of the implemented projects

Average number of users per solution

Stated coverage of functional modules

Stated coverage of technical axes

RMIS VENDOR



RMIS Vendor
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CEO
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VENDOR ID CARD

Creation date04/01/2011

Global workforce500

RMIS workforce200


RMIS implementation workforce20

RMIS R&D workforce80

Particularities and differentiating factors
A RMIS vendor specialized in certain risk categories (professional risk assessment).

Area(s) of presence:

- Asia
- Europe
- America
- Africa
- Oceania



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... RMIS

Main Focus..... Audit

Strengths according to the vendor Complete and modular professional risk management software.

Data hosting..... In the vendor's information or in the information system of a subcontractor of the vendor


Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	100	20	50	500	30	30
In the last 12 months	30	10	30	100	5	30


Sectors of implemented projects..... Banking (20%), Insurance (20%), Industry and services (40%), Public sector (15%), Others (5%)

Average number of users per solution.. From 101 to 200

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self assessments

Disclaimer

When the vendor did not answer some questions needed to fill in specific entries of its form, or when answers were not usable, corresponding entries have been leaved as blank box.

*: indicates that not all descriptive answers given by vendor were translated and will remain in the language the vendor typed them into the survey

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www.1-one.fr

Yann LUCAS
Director of development
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yann.lucas@1-one.fr

VENDOR ID CARD

Creation date10/01/2006
Global workforce28
RMIS workforce3
RMIS implementation workforce8
RMIS R&D workforce.....3

Particularities and differentiating factors

Complete and modular professional software of risk management, the health safety in the work, available in mode SaaS and on Premise, on computer and tablet.

Area(s) of presence:

> Europe

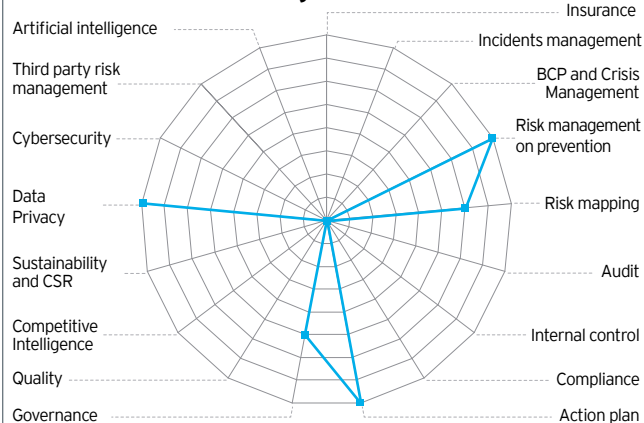
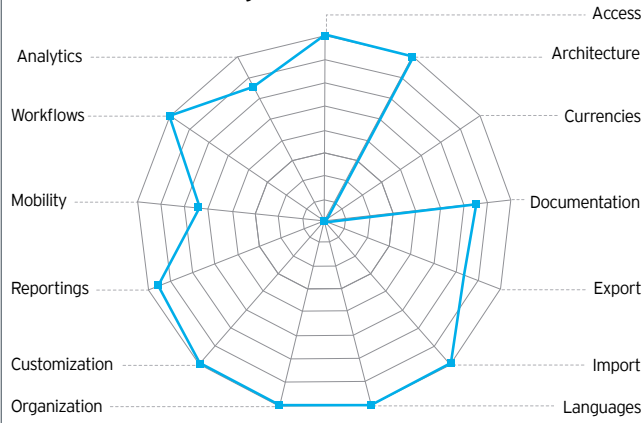


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... 1-One
Main Focus..... Risk management
Strengths according to the vendor Complete and modular SaaS professional software of risk management, the health safety in the work, available in mode and in local installation on computer and tablet
Data hosting..... Managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	30	0	0	0	0	0
In the last 12 months	8	0	0	0	0	0

Sectors of implemented projects Banking (20%), Insurance (20%), Industry and Services (20%), Public sector (30%), Others (10%)
Average number of users per solution From 101 to 200

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

ALL4TEC



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Laurent COSSON
CEO
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VENDOR ID CARD

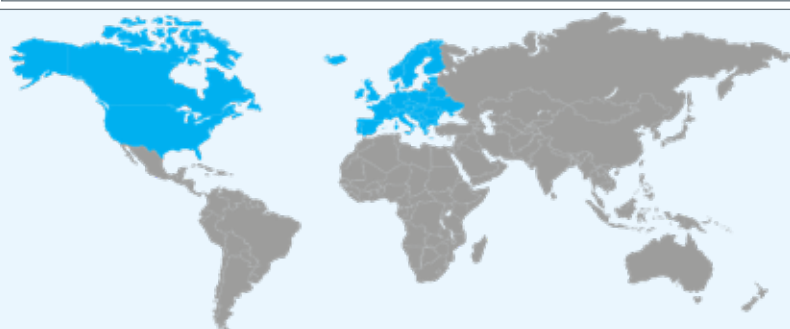
Creation date14/01/1998
Global workforce23
RMIS workforce15
RMIS implementation workforce5
RMIS R&D workforce.....10

Particularities and differentiating factors

ALL4TEC distribue une gamme d'outils de pilotage et d'analyse de risque cyber pour outiller la méthodologie EBIOS et EBIOS Risk Manager. L'outil Agile Risk Manager pour EBIOS RM a été le premier outil labélisé par l'ANSSI en 2019.

Area(s) of presence:

- > Europe
- > America (North)

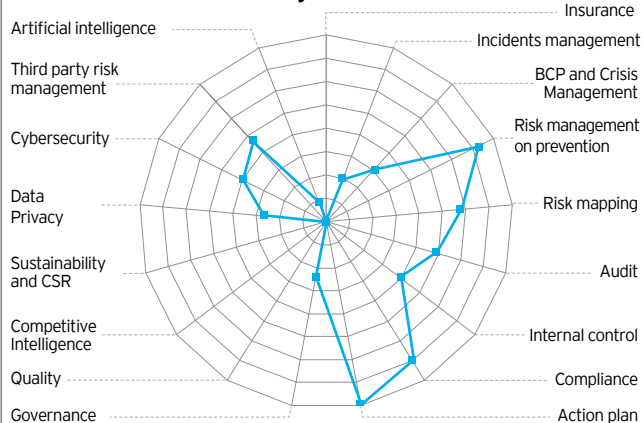
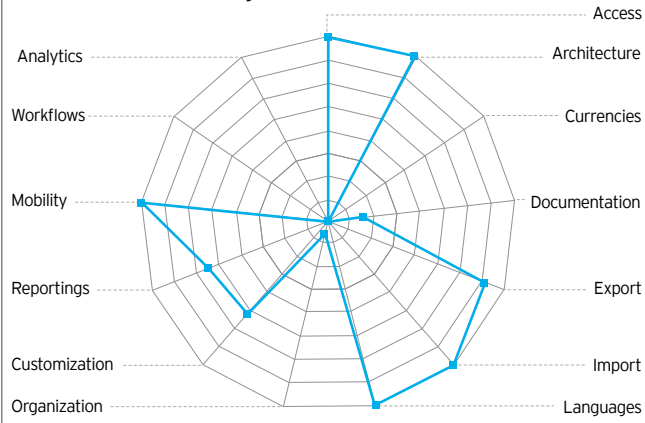


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Agile Risk Manager (outillage Ebios RM), Agile Risk Board (agrégation des analyses de risque et pilotage des risques), Cyber Architect (outillage Ebios 2010)
Main Focus..... Gestion et pilotage des risques « cyber »
Strengths according to the vendor 1 - Agile Risk Manager permet l'outillage de la méthodologie EBIOS. 2 - Risk Manager a la reconnaissance par le label ANSSI. 3 - Simplicité de la solution. 4 - Parc installé de plus de 300 licences fin 2020. 5 - Agile Risk Board vient compléter l'analyse des risques en y apportant une vision globale de pilotage.
Data hosting..... In the client's IS
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	74	30	0	2	0	0
In the last 12 months	34	0	0	2	0	0

Sectors of implemented projects Banking (10%), Insurance (10%), Industry and Services (50%), Public sector (20%), Others (10%)
Average number of users per solution From 6 to 50

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

AMETHYSTE



AMETHYSTE

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Agnès GAILLARD

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VENDOR ID CARD

Creation date03/08/1990
Global workforce 8
RMIS workforce 8
RMIS implementation workforce 4
RMIS R&D workforce..... 5

Particularities and differentiating factors

Amethyste® provides digital platforms dedicated to Asset Integrity Management for Industrial plants: orKsoft® dedicated to Fossil Energies and Vermarine® dedicated to Renewable Energies and Green Buildings. Their Artificial Intelligence enables a proactive risk-based management approach (RBI and RCM) to optimize Inspection & Maintenance strategies for relevant long-term programs.

Area(s) of presence:

- > Asia (South-West, Central, South-East)
- > Europe
- > America (Central, South)
- > Africa (North, West, East, Central)



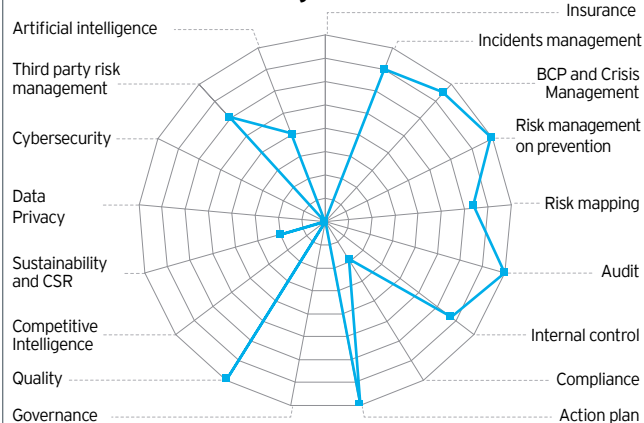
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... orKsoft® (dedicated to Fossil Energies), Vermarine (dedicated to Renewable Energies, marine and river infrastructure and harbor integrity). CyberQuartz® (dedicated to Cyber Risk Management)
Main Focus..... Risk management
Strengths according to the vendor Fully integrated Web-Based application with a rich Windows user interface, short deployment on-premise or in the Cloud with a dedicated server/client (secured access and Data protection policy) SaaS license or traditional, short learning curve, multi-lingual and multi-unit of measurement. Easy integration with most of the common ERP, EDMS, Process Historian...
Data hosting..... In the client's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

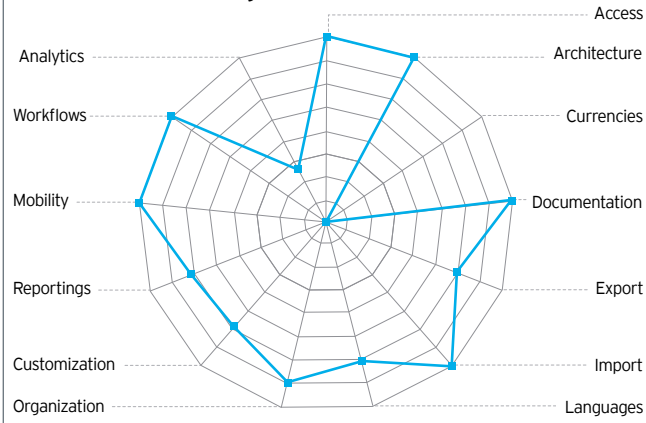
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	15	3	12	0	2	0
In the last 12 months	2	3	1	0	0	0

Sectors of implemented projects Industry and services (100%)
Average number of users per solution.. From 6 to 50

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

APSYS



APSYS

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Pierre SECHER

Key Account Manager
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VENDOR ID CARD

Creation date01/04/1985
Global workforce630
RMIS workforce5
RMIS implementation workforce15
RMIS R&D workforce.....10

Particularities and differentiating factors

APSYS is a risk management and performance improvement consulting company. Strong ability to guide a risk management policy or strategy thanks to an understanding and analysis of technical issues from the field. Part of Airbus Group, APSYS has a solid structure enabling a relationship of trust, but also benefits from a strong industrial culture and experience.

Area(s) of presence:

> Europe (West)



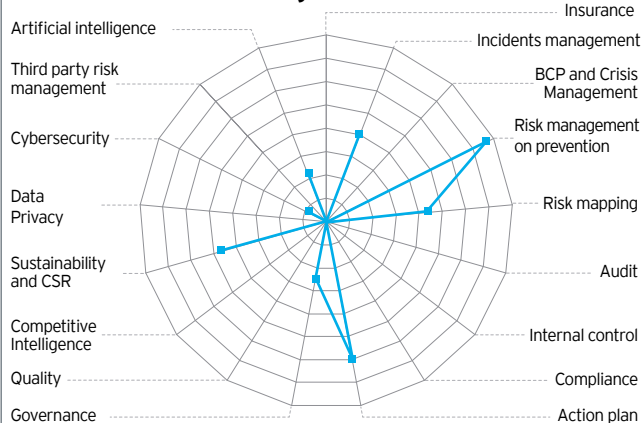
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... IRYS (Plateforme digitale de gestion des risques industriels)
Main Focus..... Risk management
Strengths according to the vendor Risk mapping Time saving Data reliability Dashboard Collaborative tool Information sharing / Communication.
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

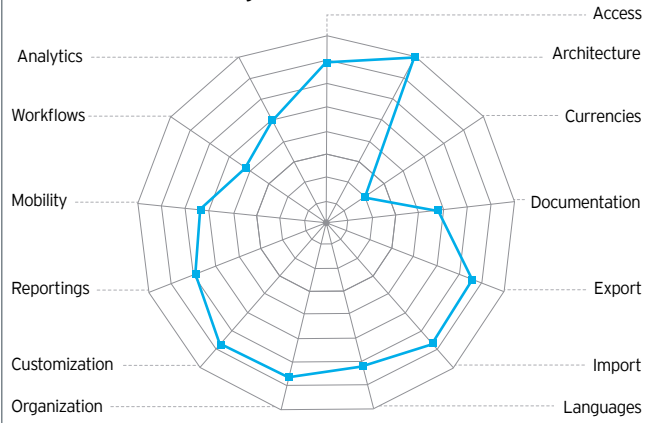
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	1	0	0	0	0	0
In the last 12 months	0	0	0	0	0	0

Sectors of implemented projects..... Industry and services (100%)
Average number of users per solution.. From 6 to 50

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

ARENGI



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VENDOR ID CARD

Creation date01/01/2010
Global workforce25
RMIS workforce19
RMIS implementation workforce10
RMIS R&D workforce.....10

Particularities and differentiating factors

Arengi, the leading independent consulting group specializing in risk management & governance. We assist all types of organizations defining and implementing risk management processes. Based on the experience of 300+ consulting projects, we have designed our Risk Management Information System - ArengiBox. Collaborative, intuitive, user-friendly, allowing you to focus on what truly matters.

Area(s) of presence:

- > Asia
- > Oceania
- > Europe
- > Africa
- > America

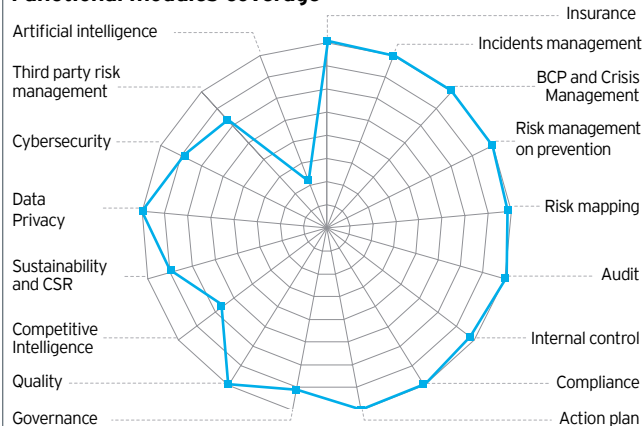
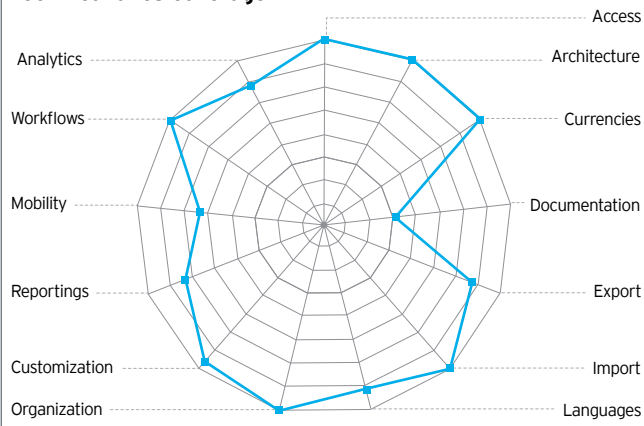


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... ArengiBox
Main Focus..... Risk management
Strengths according to the vendor ArengiBox is the only GRC tool designed and used by risk management / internal control / compliance professionals (access to optimized process, consulting support, industry data bases). ArengiBox leverages on the latest web technologies to provide an innovative and visual interface (dynamic dashboards, integrated facilitation tools, sharing of information between users, etc.).
Data hosting..... In the client's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	93	3	4	1	0	1
In the last 12 months	15	1	0	0	0	0

Sectors of implemented projects Banking (5%), Insurance (15%), Industry and services (50%), Public sector (30%)
Average number of users per solution.. From 101 to 200

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

AVEDOS GRC GMBH



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Partner Management
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VENDOR ID CARD

Creation date05/01/2005
Global workforce 70
RMIS workforce 30
RMIS implementation workforce 20
RMIS R&D workforce..... 2

Particularities and differentiating factors

We are motivated by the belief that digitalizing GRC processes sustainably drives the success of innovative organizations. We achieve this through our GRC software risk2value, which offers clients a choice of flexible custom- or standard-solutions with minimal implementation work depending on their unique needs. With risk2value, we provide a tool that supports our clients to cope with uncertainty, act with integrity, and continually improve the maturity of their GRC processes.

Area(s) of presence:

> Europe (Central, West)



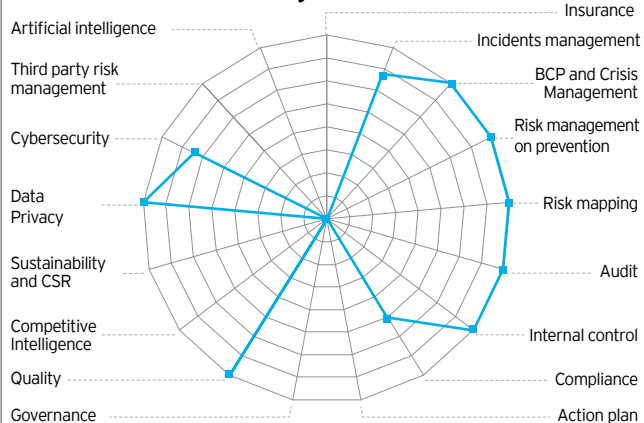
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... ERM (Enterprise Risk Management, incl. Simulation); ISMS (Information Security Management), Out-of-the-Box ISO27001 Solution; BCM (Business Continuity Management); DPMS (Data Privacy Solution according to DSGVO in Europe)
Main Focus Risk management
Strengths according to the vendor The software platform risk2value meets all requirements in the context of GRC. It enables the integrative mapping of various processes and use cases in a flexible and efficient enterprise management system. The configurable risk2value modules are used to create individual, tailor-made GRC solutions for larger companies and international corporations.
Data hosting..... In the client's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

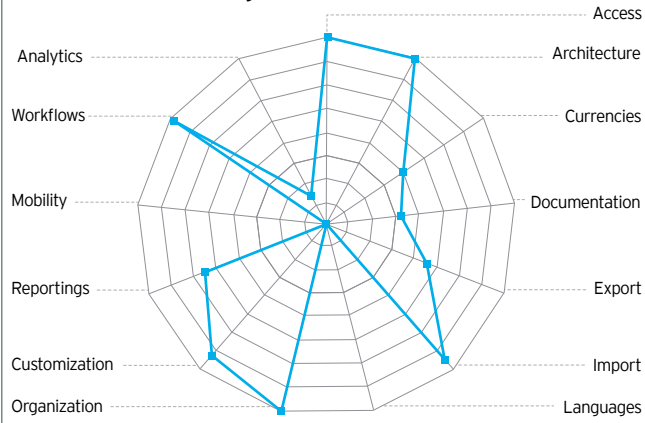
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	52	0	0	0	0	0
In the last 12 months	5	0	0	0	0	0

Sectors of implemented projects Banking (20%), Insurance (25%), Industry and services (40%), Public sector (5%)
Average number of users per solution.. From 501 to 1000


Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment



CERRIX

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VENDOR ID CARD

Creation date01/01/2015
Global workforce23
RMIS workforce23
RMIS implementation workforce2
RMIS R&D workforce.....14

Particularities and differentiating factors

CERRIX offers an integrated GRC solution which is flexible and easy to maintain. The central Risk Universe reflects the organisation's business dimensions (goals, projects, business processes, assets etc.) which is shared among all defense lines. Easy-to-use 1st-line user interactions and automated (control) evidence retrieval will push efficiencies in the risk control cycle. Self defined dashboards gives drill-down insights in risks, controls, actions, audits, incidents, 3rd parties and business process control.

Area(s) of presence:

- > Europe
- > America (Central)



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)CERRIX GRC
Main FocusContrôle Interne - Conformité
Strengths according to the vendorQuick implementation, easy to maintain, easy to use, wide range of offered functionality, fully integrated.
Data hostingManaged by vendor's subcontractor
Solution architectureA single application with several modules

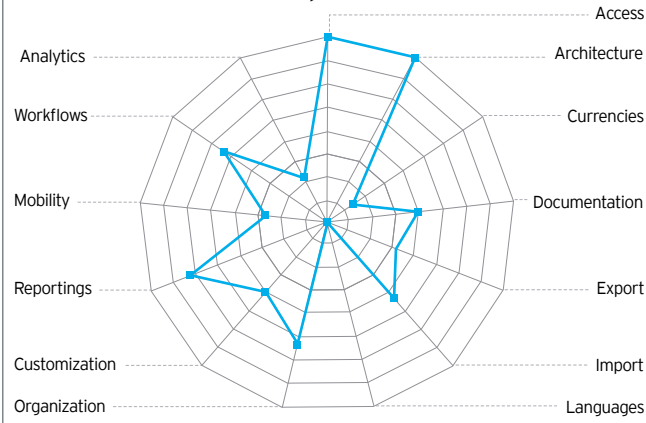
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	40	0	0	0	5	0
In the last 12 months	10	0	0	0	0	0

Sectors of implemented projectsBanking (40%), Insurance (40%), Industry and services (10%), Others (10%)
Average number of users per solutionFrom 201 to 500

Functional modules coverage*



Couverture des axes techniques*



(*) The results calculated on these charts are based on vendors' self-assessment

CHALLENGE OPTIMUM SA



Challenge Optimum SA

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VENDOR ID CARD

Creation date01/11/1994
Global workforce 10
RMIS workforce 5
RMIS implementation workforce 2
RMIS R&D workforce..... 2

Particularities and differentiating factors

Click-N-Manage® is a software tool which allows to describe, conform with regulations or ISO standards and optimize any kind of corporate activities and organization. The tool allows to describe stakeholders, their requirements, the targeted objectives, the risks, the procedures and processes needed to keep any risk under control, skills, assets, documents, controls, Key Performance Indicators, improvement actions.

Area(s) of presence:

- > Europe (West)
- > Asia (South East)



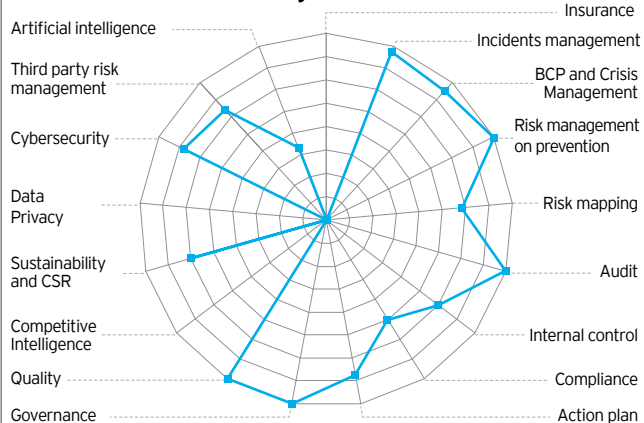
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) Click-N-Manage
Main Focus Risk management
Strengths according to the vendor... Click-N-Manage describes the objectives, tasks, roles and responsibilities of each person in the creation of value. All the elements contributing to the life of the company can be described through the procedures: performance monitoring indicators, non-conformities, equipment, qualifications, risks, etc. allowing different and complementary viewpoints of the organizational system and opportunities to improve it
Data hosting In the client's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

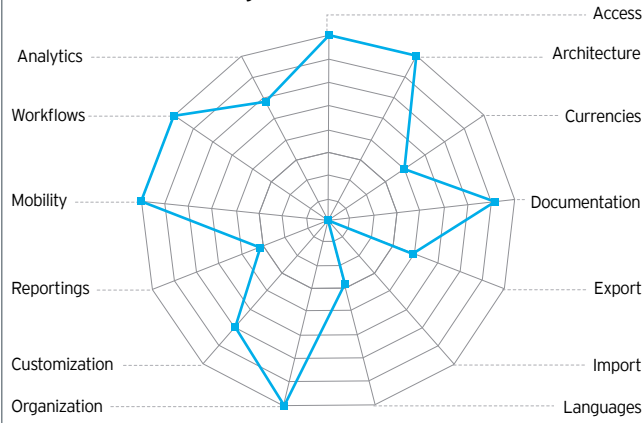
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	90	5	10	0	0	0
In the last 12 months	70	3	4	0	0	0

Sectors of implemented projects Insurance (5%), Industry and services (60%), Public sector (30%), Others (5%)
Average number of users per solution.. From 101 to 200

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

CISS LTD



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VENDOR ID CARD

Creation date05/12/2016
Global workforce
RMIS workforce
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

We do not leave governance risk and compliance management to the subject matter experts (SMEs) in the company. Our solution involves all employees and thus accesses the knowledge of all (Swarm Intelligence). Despite this comprehensive transparency, the customer can ensure "need to know". We help companies to position themselves correctly for the digital age.

Area(s) of presence:

- > Europe
- > Asia
- > Africa (North, South)
- > America (North)



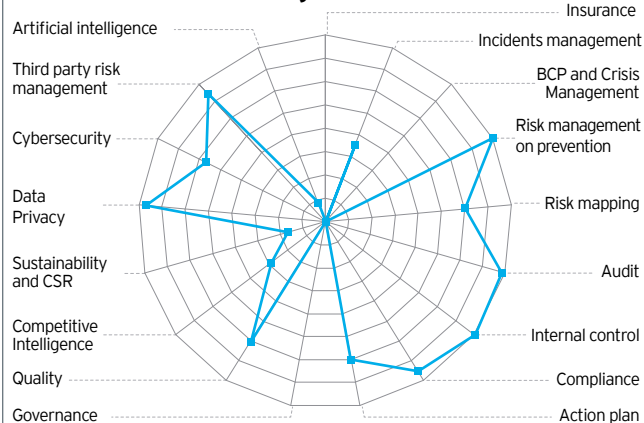
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)360inControl® (Risk Assessments, Enterprise Risk Inventory, Internal Control, Control Library, Audit & Assessment Management, Templates, Digital Asset Management including e.g. Contract Management, Reporting, Dashboard, Action Management, APIs)
Main FocusContrôle Interne - Conformité
Strengths according to the vendorOur approach is to provide a solution that adapts to your business, budget and requirements beyond GRC and Information Security. Our solution enables fast and sustainable digitization of all governance, risk and compliance topics. With our «From the Ports to the Boards» strategy and increased transparency, we promote collaboration across all levels.
Data hostingIn the client's IS, or managed by vendor's subcontractor
Solution architectureA single application with several modules

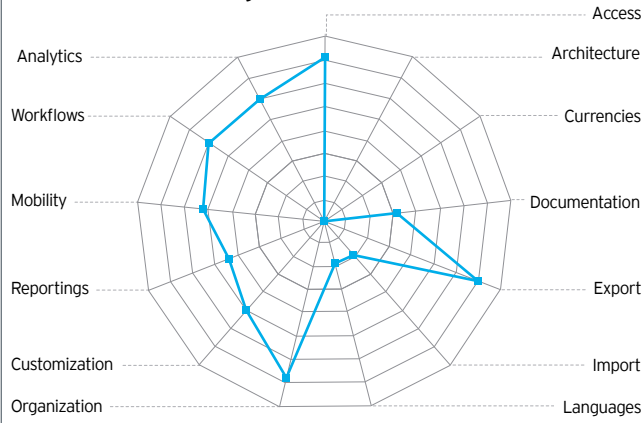
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	41	1	1	1	0	0
In the last 12 months	4	0	0	1	0	0

Sectors of implemented projectsIndustry and services (100%)
Average number of users per solutionFrom 201 to 500

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

DELTA RM



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Antoine CLEMENDOT
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VENDOR ID CARD

Creation date05/06/2013
Global workforce 18
RMIS workforce 18
RMIS implementation workforce 9
RMIS R&D workforce..... 4

Particularities and differentiating factors

Our mission is to provide all Risk Managers with simple and sustainable tools to manage their company's risk and insurance management system. Thanks to the latest digital technologies, we create operational software solutions that are delivered turnkey, flexible in terms of configuration and scalable in terms of features. We offer you a whole team listening to your RMIS projects with a long experience in the digitalization of risk management.

Area(s) of presence:

- > Europe
- > America (North)
- > Africa (North, Central & West)



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) DELTA RM SUITE

Strengths according to the vendor Our very good knowledge of ERM business processes based on the long experience of the team. Our listening and flexibility skills in proposing tailored and operational solutions. Our focus on change management and user buy-in. Our 100% success rate for our GRC projects.

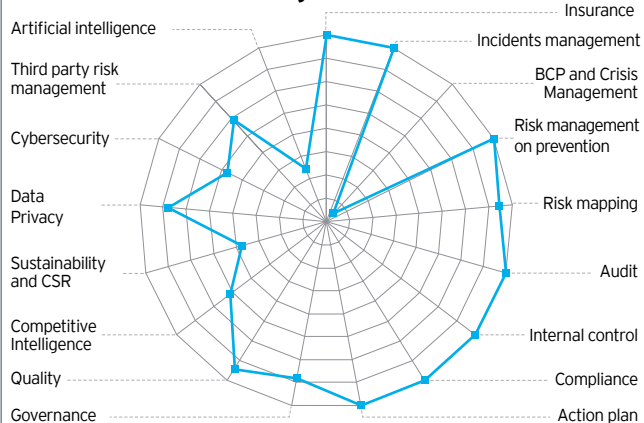
Data hosting..... In the client's IS, or managed by vendor's subcontractor

Solution architecture A single application with several modules

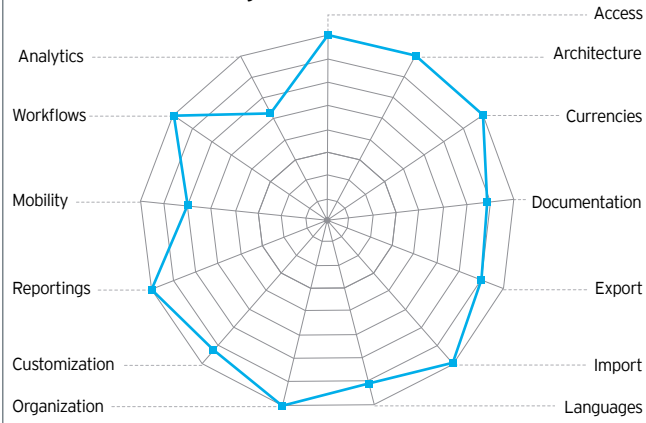
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	30	1	0	0	0	0
In the last 12 months	8	0	0	0	0	0

Sectors of implemented projects Banking (20%), Insurance (25%), Industry and services (50%), Public sector (5%)
Average number of users per solution From 201 to 500

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

DIGITEMIS

**DIGITEMIS**

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VENDOR ID CARD

Creation date12/03/2014
Global workforce 50
RMIS workforce 42
RMIS implementation workforce 12
RMIS R&D workforce..... 20

Particularities and differentiating factors

DIGITEMIS designs innovative solutions to simplify the protection of organisations against threats. A leader in risk management, DIGITEMIS offers a complete and unique solution that identifies vulnerabilities, improves re-mediation processes, consolidates monitoring indicators and reduces costs. To date, more than 500 customers have already chosen our solutions, to reduce the risks from their ecosystem and manage their compliance.

Area(s) of presence:

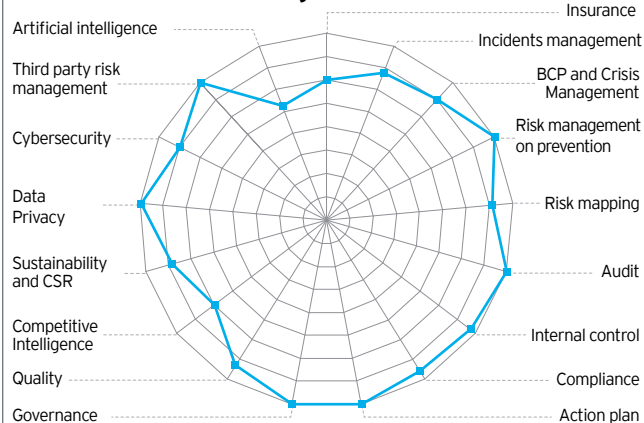
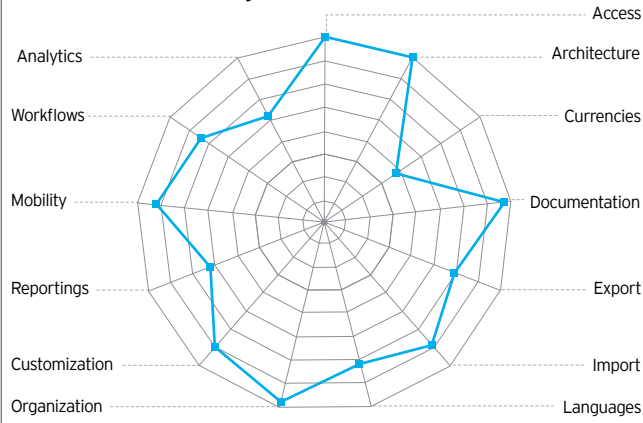
- > Europe
- > Africa
- > America
- > Asia
- > Oceania

**VENDOR'S AVAILABLE SOLUTION(S)**

Solution(s)Make IT Safe (Risk management, Third Party Risk Management, Compliance, audit, Governance, action plan, Hierarchical management of organizations, ...)
Main FocusRisk management
Strengths according to the vendorIt industrializes and simplifies the management of risks as a whole, to improve the resilience of organizations (subsidiaries, third parties, suppliers, partners, projects). It integrates all types of repositories, standards or specific, centralises audits, ensures collaborative monitoring of action plans, via simple and configurable dashboards. Make IT Safe has become essential to manage risk and compliance issues.
Data hostingIn the client's IS, or managed by vendor's subcontractor
Solution architectureA single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	140	2	2	4	2	1
In the last 12 months	40	2	2	4	2	1

Sectors of implemented projectsBanking (10%), Insurance (15%), Industry and services (40%), Public sector (20%), Others (15%)
Average number of users per solutionFrom 6 to 50

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

EFront BLACKROCK



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VENDOR ID CARD

Creation date01/01/1999
Global workforce16,000
RMIS workforce 1500
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

eFront ERM is a part of the technology unit of BlackRock, the leading asset manager in the world. This unit counts over 4600 employees dedicated to financial and risk management technologies, of which 3000 developers. BlackRock's user-provider model is unique. It ensures highest delivery standards and fuels innovation in our solutions.

Area(s) of presence:

- > Europe
- > America
- > Oceania
- > Asia
- > Africa



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Our eFront ERM solution consists of the following native modules, both autonomous and interoperable : Risk, Control, Audit, Indicator, Compliance, Business continuity, Third Party Management, Operational excellence on process.

Main Focus Internal control - Compliance

Strengths according to the vendor eFront ERM is a comprehensive, modular and integrated GRC solution suite, and a leader on the European GRC solutions market. It provides Risk, Control, Internal Audit and Compliance functions with market best practices within an evolutive, functionality-rich and easy to configure platform

Data hosting..... In the client's IS, or managed by vendor's subcontractor

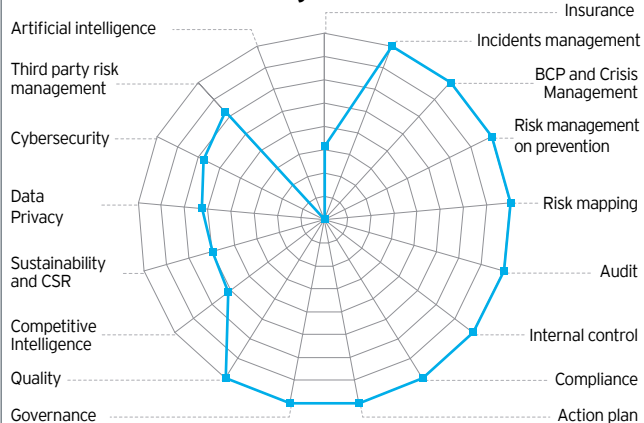
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	142	11	0	1	0	0
In the last 12 months	8	0	0	0	0	0

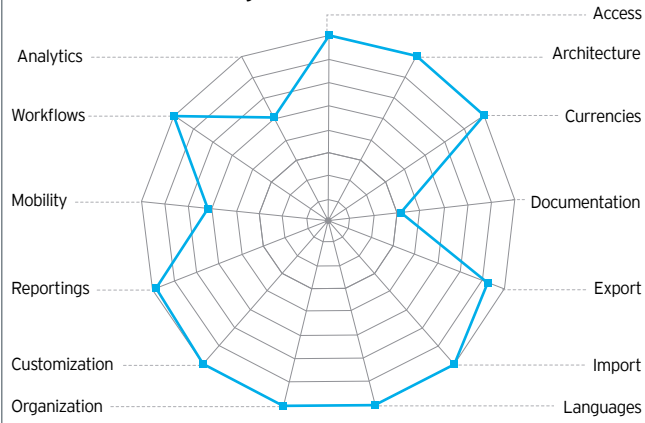
Sectors of implemented projects Banking (25%), Insurance (45%), Industry and services (15%), Public sector (15%)

Average number of users per solution From 201 to 500

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

ENABLON

enablon

Enablon

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Océane Rabillon

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VENDOR ID CARD

Creation date01/01/2000
Global workforce650
RMIS workforce
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

Enablon offers the most exhaustive solution on the market, combining applications and content into tailored solutions to enable organizations to manage their risks, ensure conformity and optimize continuous improvement. Enablon has an international footprint with 10 offices around the world and over 1,000 international clients.

Area(s) of presence:

- > Europe
- > America (North-South)
- > Asia (North-South East)
- > Africa (North, West, Central, South)
- > Oceania

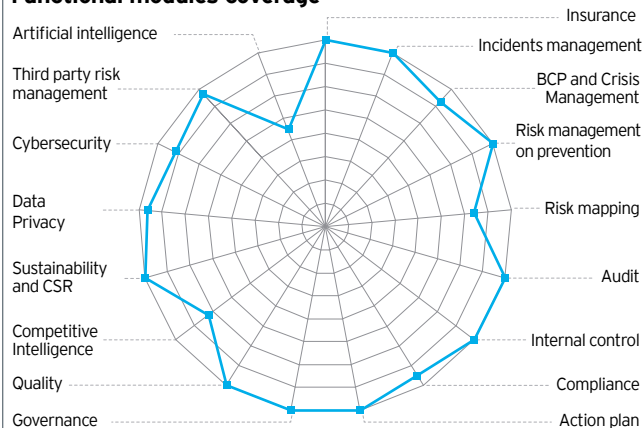
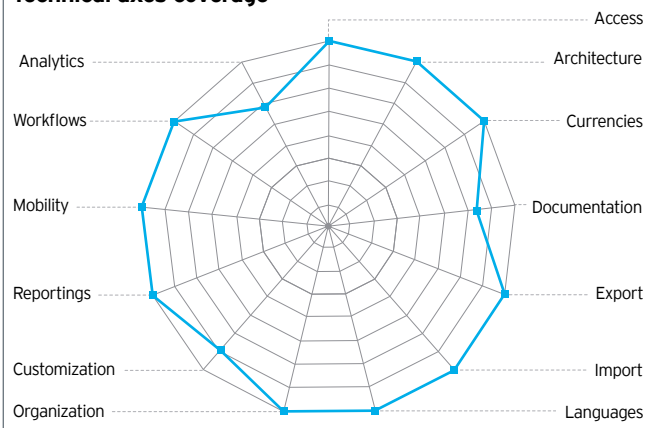


VENDOR'S AVAILABLE SOLUTION(S)

Solution(S)Enablon Vision platform V9, integrated SaaS platform containing several interconnected modular applications, relying on a single technology framework
Main FocusGRC and ESG
Strengths according to the vendor Enablon is the market leader in solutions that enable organizations to control and manage all operational risks: non-conformities of Sites and Products, risks on Reputation and Fraud, IT risks, Health and Safety, Security risks and also Environmental risks. The comprehensiveness of the offering combined with the modularity capabilities of the platform and its flexibility allows Enablon to respond to both simple and complex requirements and support clients in their evolving needs and business transformations
Data hostingIn the client or vendor's IS, or managed by vendor's subcontractor
Solution architectureSeveral distinct applications, but with interfaces

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	370	15	10	150	0	30
In the last 12 months	12	4	5	18	0	7

Sectors of implemented projectsBanking (5%), Insurance (5%), Industry and services (80%), Public sector (5%), Others (5%)
Average number of users per solutionFrom 501 to 1 000

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

GALVANIZE

**Galvanize**

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Pascal GADEA

France Director
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VENDOR ID CARD

Creation date03/02/1987
Global workforce 500
RMIS workforce 205
RMIS implementation workforce 205
RMIS R&D workforce..... 205

Particularities and differentiating factors

HighBond is the end-to-end platform that connects security, risk management, compliance, and audit executives. By bringing everyone together in one spot, you can be sure all of your risks are identified and managed, internal and external compliance obligations are addressed, and the organization meets its objectives.

Area(s) of presence:

- > Europe
- > America
- > Asia
- > Africa
- > Oceania



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) HighBond platform

Main Focus Other

Strengths according to the vendor Galvanize's GRC platform HighBond is delivered via SaaS and supports all key activities across the organization to provide integrated risk management across IT, risk, compliance, vendor, and assurance operations. HighBond integrates data across the enterprise, provides process automation, and enables data-driven executive decision making through cognitive GRC (advanced analytics, ML, NLP) and storyboard dashboarding capabilities.

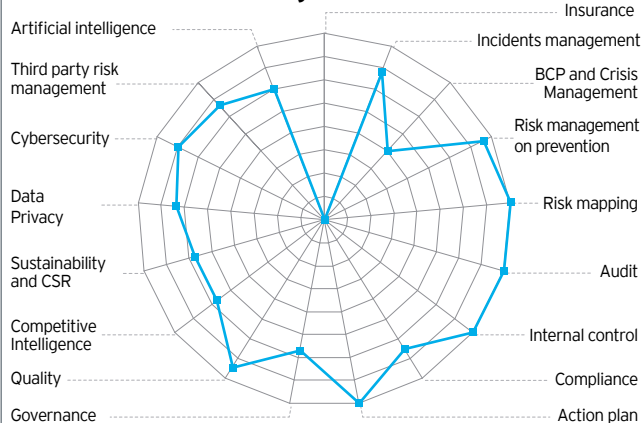
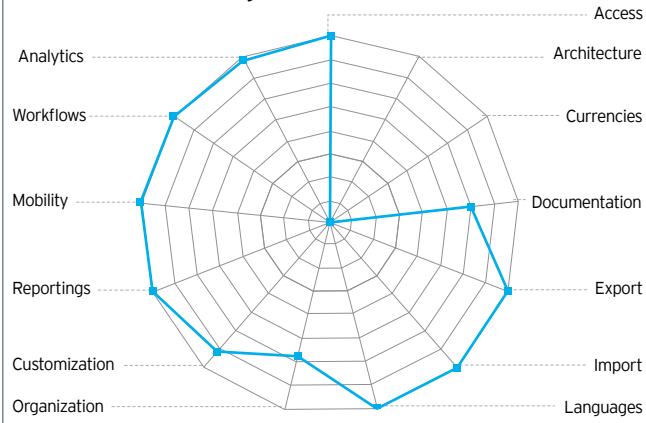
Data hosting AWS

Solution architecture Several distinct applications, but with interfaces

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	-	-	-	-	-	-
In the last 12 months	-	-	-	-	-	-

Sectors of implemented projects -

Average number of users per solution From 51 to 100

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

IBM

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www.ibm.com/cloud/openpages-with-watson

Thomas DOGNIN

Risk and Compliance Sales
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tdognin@fr.ibm.com

VENDOR ID CARD

Creation date01/01/1910
Global workforce300,000
RMIS workforce 1000
RMIS implementation workforce 1000
RMIS R&D workforce..... 500

Particularities and differentiating factors

The IBM OpenPages with Watson delivers a modular platform for foundational GRC, enabling businesses to deploy scalable solutions for managing enterprise wide risk and compliance. Designed to increase overall productivity and efficiency, IBM OpenPages with Watson supports agile implementation for rapid time to value and empowers the 1st Line of Defence with potential Artificial Intelligence help.

Area(s) of presence:

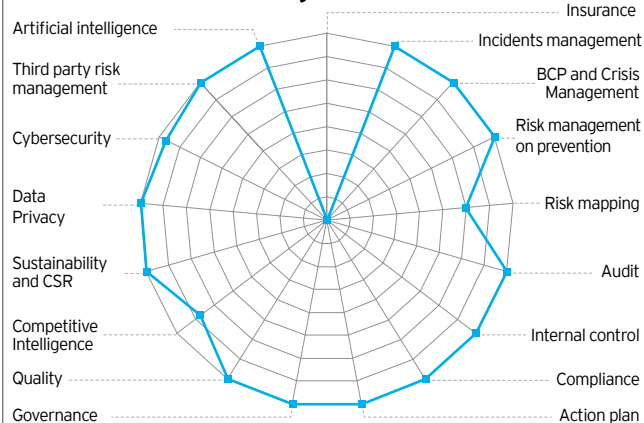
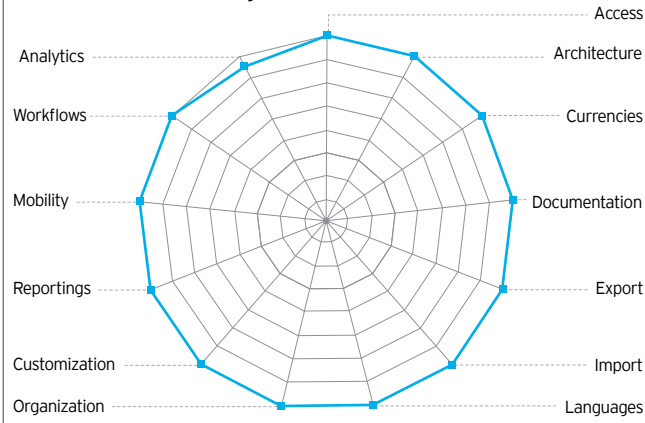
- > Europe
- > America
- > Asia
- > Africa
- > Oceania

**VENDOR'S AVAILABLE SOLUTION(S)**

Solution(s)IBM OpenPages with Watson
Main FocusRisk Management
Strengths according to the vendorIBM OpenPages with Watson is a modular GRC platform offering flexibility, performance, security, great user-friendliness. The risk domains span from operational risk, internal control, internal audit, third party risk, cyber risk, model risk, end to end compliance. Addresses from 1st until 3rd line of defence. Very complete reporting.
Data hostingIn the client or vendor's IS, or managed by vendor's subcontractor
Solution architectureA single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	155	25	35	138	24	5
In the last 12 months	7	1	5	8	1	0

Sectors of implemented projectsBanking (65%), Insurance (20%), Industry and services (10%), Public sector (5%)
Average number of users per solutionFrom 501 to 1 000

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

IORTA


iPORTA (Groupe Visiativ)

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Christophe BOUVARD

Managing Director
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VENDOR ID CARD

Creation date06/01/2004
Global workforce 30
RMIS workforce 25
RMIS implementation workforce 18
RMIS R&D workforce..... 5

Particularities and differentiating factors

iSIGR, your collaborative Risk & Insurance management platform with geo-decisional vision. iSIGR offers transverse Risk and Insurance management with geolocation of information (sites, risks, insured values, etc.). Easy to use, multilingual, customizable and modular, iSIGR allows you to unite the Insurance community around a shared repository and to manage your activity.

Area(s) of presence:

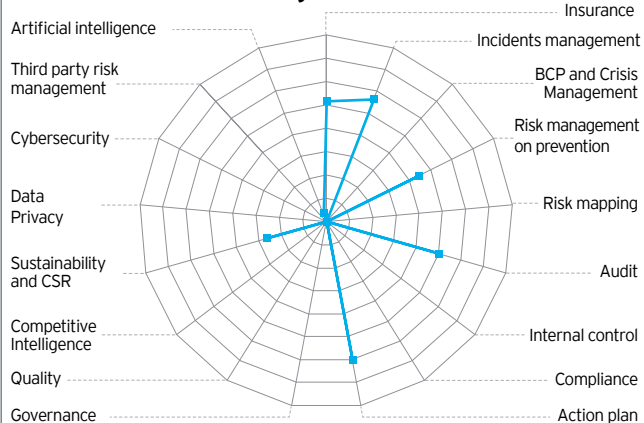
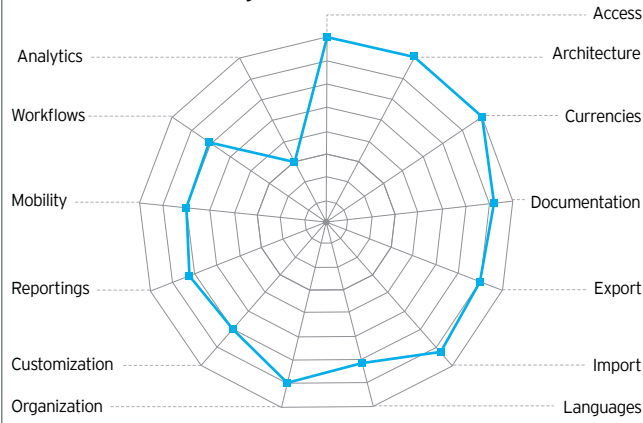
> Europe (North, West)


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) iSIGR contient les modules: Plateforme iPorta ; Module Référentiel ; Module collecte des valeurs ; Module polices & primes ; Module sinistres ; Module prévention ; Module vision géo décisionnelle ; Module certificat d'assurance
Main Focus..... Insurance Management
Strengths according to the vendor Full web, multilingual and modular collaborative platform. User-friendly and customizable ergonomics. Available in license or SaaS mode. Adaptable business processes through a workflow modeling studio. Integrated document management. Geo-decisional vision of risks and insured values
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	16	0	0	0	0	0
In the last 12 months	4	0	0	0	0	0

Sectors of implemented projects Insurance (20%), Industry and services (80%)
Average number of users per solution From 51 to 100

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

IWE



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VENDOR ID CARD

Creation date01/08/2013
Global workforce25
RMIS workforce10
RMIS implementation workforce2
RMIS R&D workforce.....8

Particularities and differentiating factors

iWE is a low-code platform that allows you to create collaborative management applications delivered in SaaS mode, without any writing code and only by parameterization. iWE applications digitize all activities requiring data and documentation management within one or more business processes, and requiring interaction with one or more other participants.

Area(s) of presence:

> Europe (West)



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) iWE - SIGR

Main Focus..... Insurance management

Strengths according to the vendor iWE applications are deployed in a few weeks, not expensive, constantly evolving as needs change and feature-rich. iWE ensures traceability, efficiency and security of data and operations. iWE creates a single workspace to cover 100% of management activities and customer journeys. iWE applications bring operational performance, transparency and reporting quality

Data hosting..... Managed by vendor's subcontractor

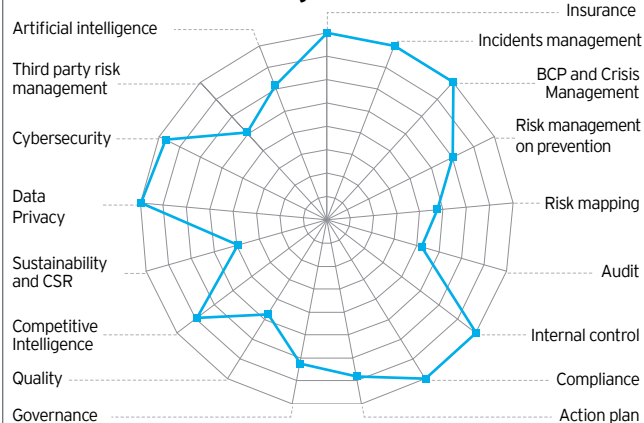
Solution architecture Several distinct applications, but with interfaces

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	6	0	0	0	0	0
In the last 12 months	2	0	0	0	0	0

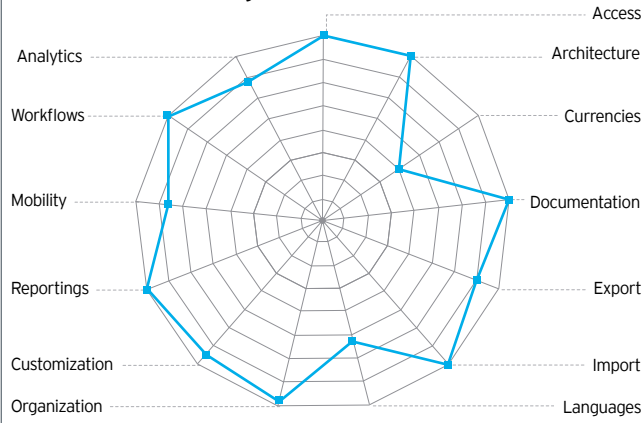
Sectors of implemented projects Insurance (55%), Others (45%)

Average number of users per solution From 51 to 100

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

KERMOBILE SOLUTIONS



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bruno.deterline@kermobile.com

VENDOR ID CARD

Creation date15/07/2015
Global workforce
RMIS workforce
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

KerMobile Solutions, and mainly through Kerclaim, its lead application, optimise the management & control of insurance claims, insurance contracts and of building maintenance. By systematising and securing key processes in real-time, these solutions provide advanced decision support features, while speeding up insurance claims settlement and optimising insurance premiums.

Area(s) of presence:

- > Europe
- > America
- > Asia
- > Africa
- > Oceania



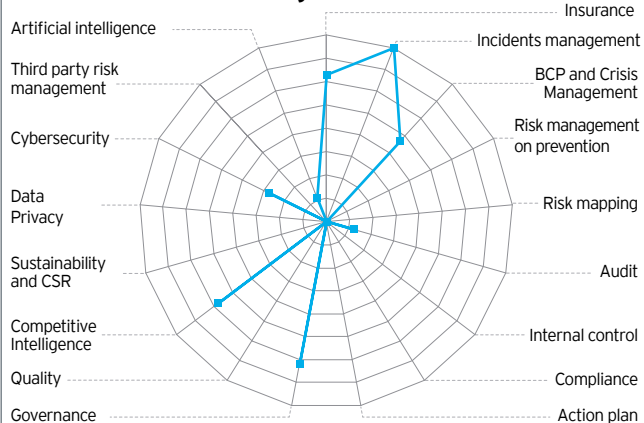
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) KerClaim (Management of real-estate related insurance claims); KerPol (Management of insurance contracts); KerDys (Building maintenance management)
Main Focus..... Insurance & incident management
Strengths according to the vendor Combining mobile and web technologies with an advanced reporting engine, KerClaim, KerPol and KerDys are cost-effective professional solutions. Time saving, process quality, reliability & efficiency are the key features that guarantee fast implementation and intuitive operation. These applications support collaboration between all company departments (asset management, finance, real estate management, etc.).
Data hosting..... Managed by vendor's subcontractor
Solution architecture A single application with several modules

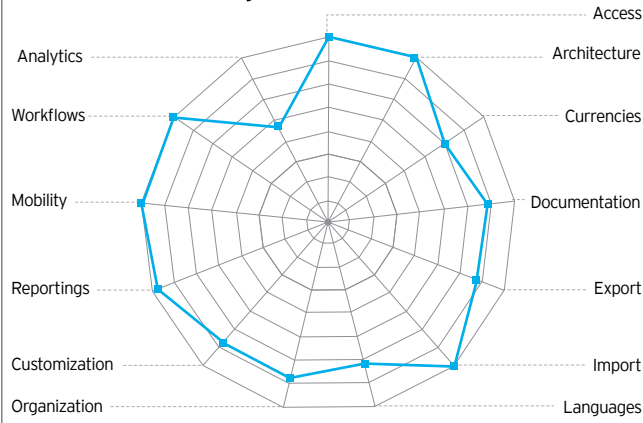
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	65	0	0	0	0	0
In the last 12 months	15	0	0	0	0	0

Sectors of implemented projects Banking (10%), Insurance (5%), Industry and services (40%), Public sector (40%), Others (5%)
Average number of users per solution From 6 to 50

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

LEXISNEXIS

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VENDOR ID CARD

Creation date01/01/1970
Global workforce10,000
RMIS workforce 10
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

Publisher of legal content and online solutions and software for each legal profession (lawyers, corporate lawyers, accountants, notaries, bailiffs, local authorities).

Area(s) of presence:

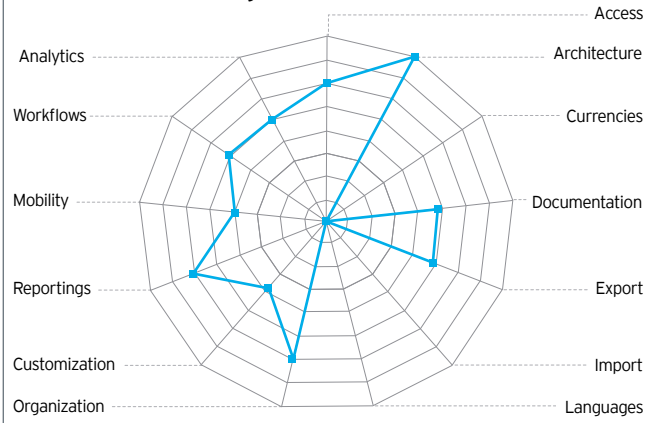
- > Europe
- > America
- > Asia (South East)
- > Africa

**VENDOR'S AVAILABLE SOLUTION(S)**

Solution(s) LexisNexis Compliance Insurance
Main Focus..... Internal Control - Compliance
Strengths according to the vendor Completeness of our contents
Data hosting In the vendor's IS
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	15	0	0	0	0	0
In the last 12 months	3	0	0	0	0	0

Sectors of implemented projects Banking (10%), Insurance (90%)
Average number of users per solution From 6 to 50

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

MAPTYCS


MAPTYCS

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VENDOR ID CARD

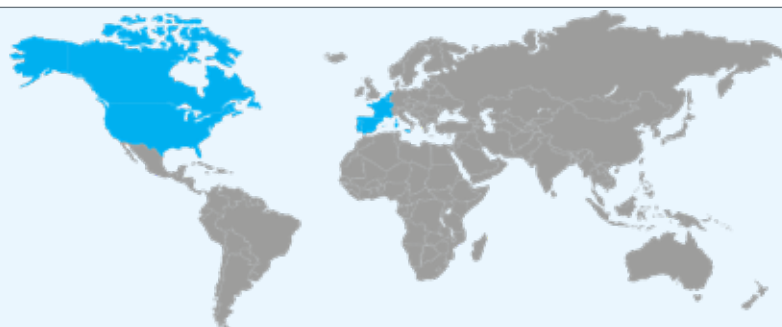
Creation date21/01/2017
Global workforce 15
RMIS workforce 15
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

MAPTYCS is a high performing risk data analytics and geospatial visualization solution for risk analysis, real-time weather events monitoring and custom risk reports. It provides actionable insights to optimize risk management strategy, business continuity planning and insurance placements. The platform is user friendly and can be integrated with existing systems.

Area(s) of presence:

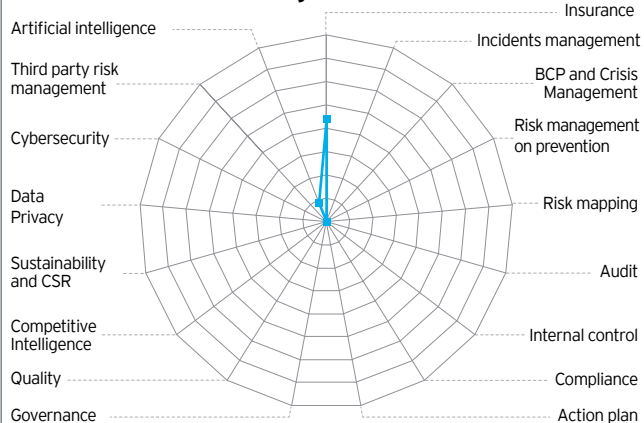
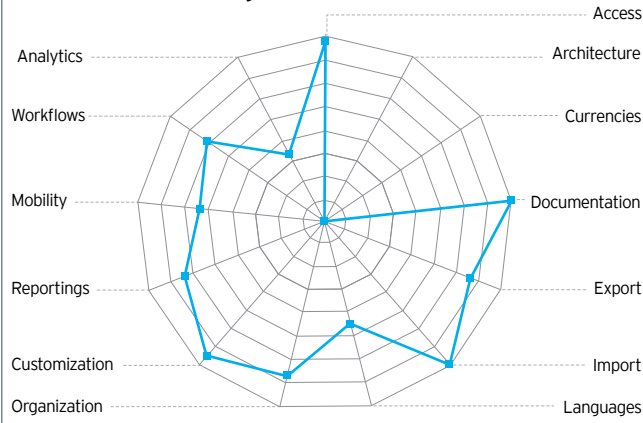
- > Europe (West)
- > America (North)


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... MAPTYCS
Main Focus..... Risk Management
Strengths according to the vendor The system is easy to implement, can be used as a standalone RMIS or to complement existing systems for dynamic risk analytics, geospatial visualization and real-time weather events monitoring; no specific training is required. Users can use their own templates, language and currency for policies, locations and claims data
Data hosting..... In the client's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	4	0	0	12	0	0
In the last 12 months	2	0	0	5	0	0

Sectors of implemented projects Insurance (40%), Industry and services (60%),
Average number of users per solution From 6 to 50

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

MEETRISK



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VENDOR ID CARD

Creation date10/12/2018
Global workforce 5
RMIS workforce 2
RMIS implementation workforce 2
RMIS R&D workforce..... 2

Particularities and differentiating factors

Meetrisk integrates and values all risk and insurance data (internal, brokers, insurers, prevention) on a single digital hub. The "Tech for Risk" model generates KPIs that allow the company to proactively manage its risk profile and promote it as peer to peer to the insurance market.

Area(s) of presence:

- > Europe
- > Africa
- > America
- > Asia
- > Oceania

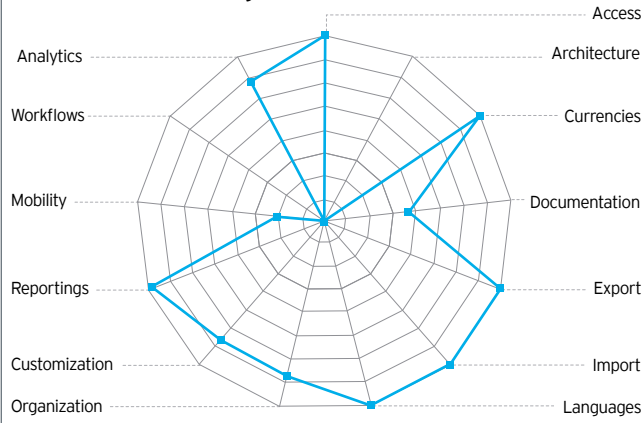


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Meetrisk Hub Data
Main Focus..... Risk management and Insurance
Strengths according to the vendor Meetrisk hub for automatic data aggregation and visualization replaces the manual handling of these data (reliability, and productivity gain of about 20%). The risk manager then benefits from indicators allowing, with his brokers and expert partners, to better manage his exposures, negotiate premiums and the content of coverages
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	4	0	1	0	0	0
In the last 12 months	4	0	1	0	0	0

Sectors of implemented projects Industry and services (100%)
Average number of users per solution From 0 to 5

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

MEGA INTERNATIONAL



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VENDOR ID CARD

Creation date01/01/1992
Global workforce326
RMIS workforce180
RMIS implementation workforce92
RMIS R&D workforce.....88

Particularities and differentiating factors

HOPEX IRM enables the digitization of the "Three Line Model" as defined by the IIA by combining innovatively processes, risks and controls with IT resources. This unique offering ensures a strong governance framework to support the organization objectives by performing efficient risk management. Its intuitive interface allows user to get an effective real time 360° view of the risk universe for advised decision making.

Area(s) of presence:

- > Europe
- > Asia
- > Oceania
- > Africa
- > America



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s).....HOPEX IRM, HOPEX Internal Control, HOPEX Internal Audit

Main Focus.....Risk management

Strengths according to the vendor....HOPEX IRM is a holistic risk management solution that is easy to administer and deploy, uniquely combining process modeling with IT infrastructure. Focused on the user experience via a modern and intuitive interface, with innovative reporting capabilities, HOPEX IRM (SaaS or On-Premises) delivers a connected and collaborative digital solution for an "augmented" risk management

Data hosting.....Managed by vendor's subcontractor

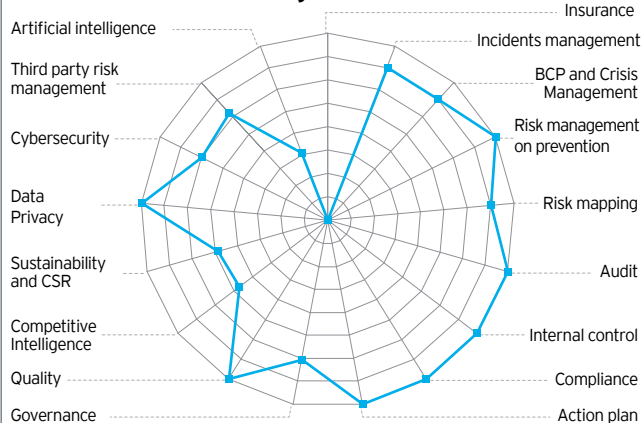
Solution architectureA single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	42	16	2	6	32	0
In the last 12 months	7	0	0	1	0	0

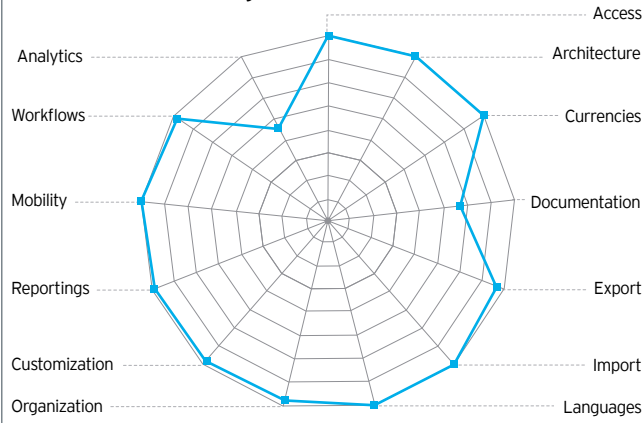
Sectors of implemented projectsBanking (49%), Insurance (12%), Industry and services (18%), Public sector (5%), Others (16%)

Average number of users per solution.....From 51 to 100

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

MY RISK COMMITTEE



MY RISK COMMITTEE

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VENDOR ID CARD

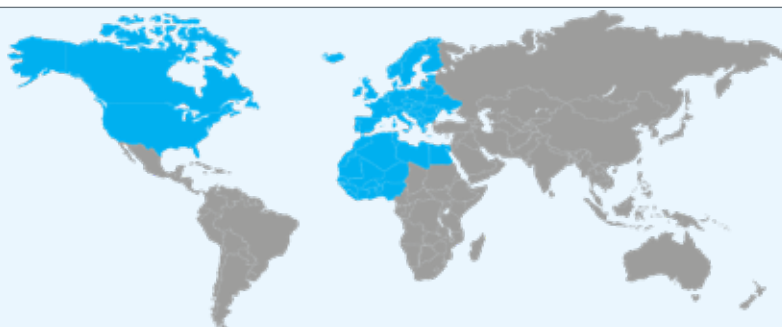
Creation date01/01/2020
Global workforce 5
RMIS workforce 5
RMIS implementation workforce 5
RMIS R&D workforce..... 5

Particularities and differentiating factors

My Risk Committee is a risk advisor and insurance brokerage company, whose platform "©My Risk io" is focused on unlocking data insights from industrial assets using connected objects (IoT) for risk management, improving prevention and optimizing insurance. The combined risk management and data science expertise allows My Risk Committee to offer a fully digital plug and play solution for continuous real-time monitoring of corporate assets, risks and insurance.

Area(s) of presence:

- > Europe
- > Africa (North, West)
- > America (North)



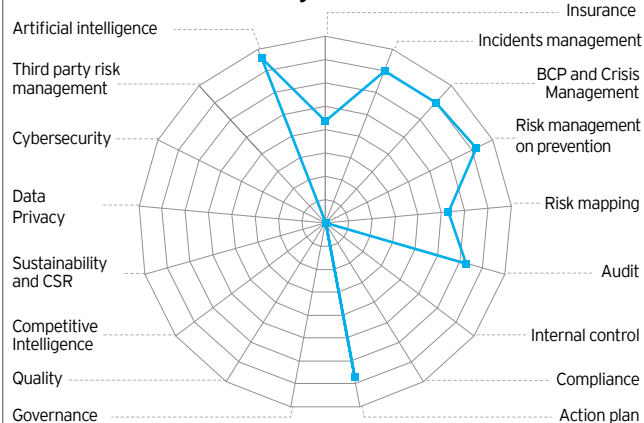
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... My Risk io
Main Focus..... Risk management
Strengths according to the vendor My Risk io, An all in one platform to manage prevention, mitigate risks and optimize insurance. A one of a kind, comprehensive and fully secure SaaS platform. My Risk io is focused on unlocking data insights from industrial assets using connected objects (IoT) to offer a fully digital plug and play solution for continuous real-time monitoring of corporate assets, risks and insurance
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

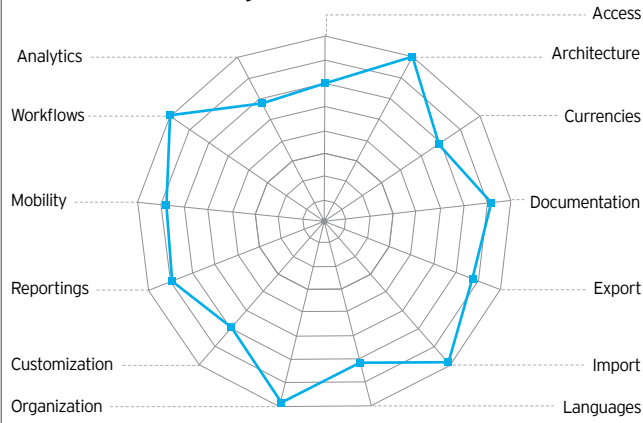
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	6	1	0	2	0	0
In the last 12 months	3	1	0	1	0	0

Sectors of implemented projects Insurance (10%), Industry and services (80%), Others (10%)
Average number of users per solution From 6 to 50

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

NANOCODE



NANOCODE

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CEO
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VENDOR ID CARD

Creation date23/02/2016
Global workforce20
RMIS workforce6
RMIS implementation workforce3
RMIS R&D workforce.....3

Particularities and differentiating factors

Nanocode develops easylience, an all in one crisis and business continuity management solution. Our strength: our team is made of crisis management and risk experts and talented developers. Our commercial proposal is based both on easylience as well as on expert services.

Area(s) of presence:

- > Asia
- > Oceania
- > Europe
- > America
- > Africa



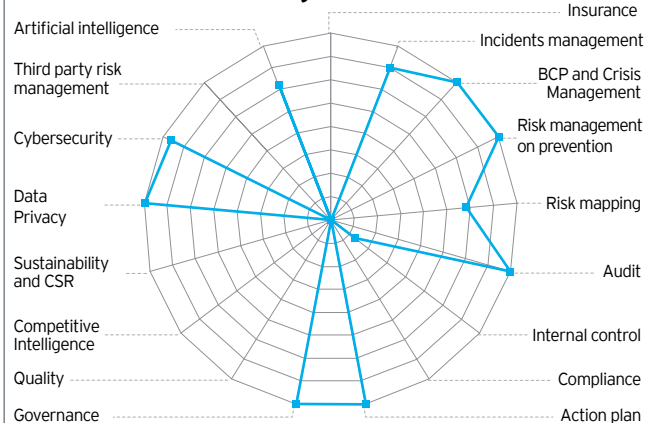
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... easylience® Crisis management and business continuity system
Main Focus..... Risk management
Strengths according to the vendor easylience® gathers more than 15 tools that are generally used for crisis management, business continuity and exercises. These tools are fully integrated and interact with each other in real time through an friendly user interface, allowing for optimal information transmission, decision making and secure communication
Data hosting..... In the client's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

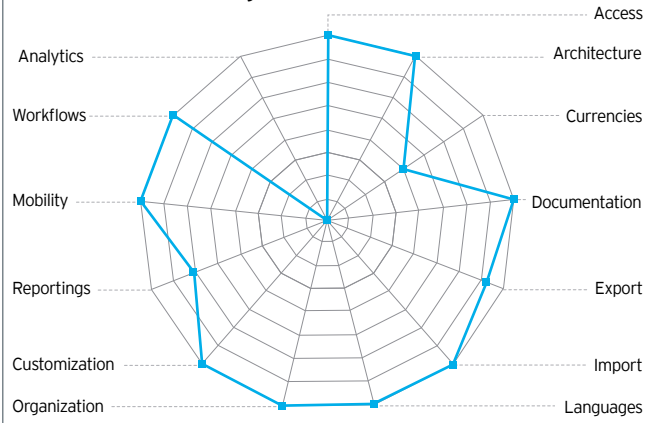
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	21	3	1	7	0	0
In the last 12 months	15	2	0	3	0	0

Sectors of implemented projects Banking (35%), Insurance (15%), Industry and services (40%), Public sector (5%), Others (5%)
Average number of users per solution Plus de 1000

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

NEXT SRL

**NEXT SRL**

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VENDOR ID CARD

Creation date13/03/2013
Global workforce 12
RMIS workforce 5
RMIS implementation workforce 2
RMIS R&D workforce..... 3

Particularities and differentiating factors

NEXT is a small company dedicated to creating highly specialized software solutions. We work alongside our customers as partners. Our software are born to be flexible and adaptable to be configured as tailored suits.

Area(s) of presence:

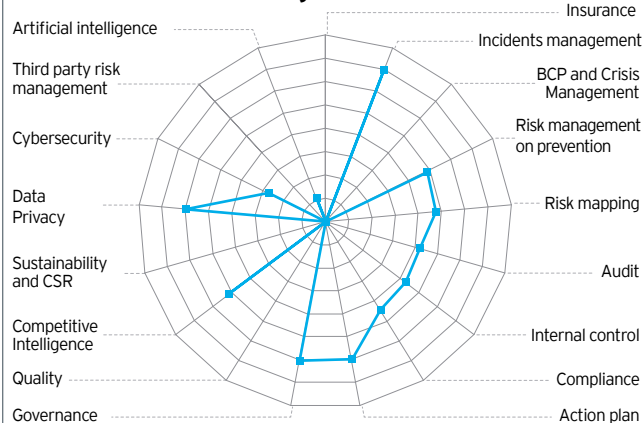
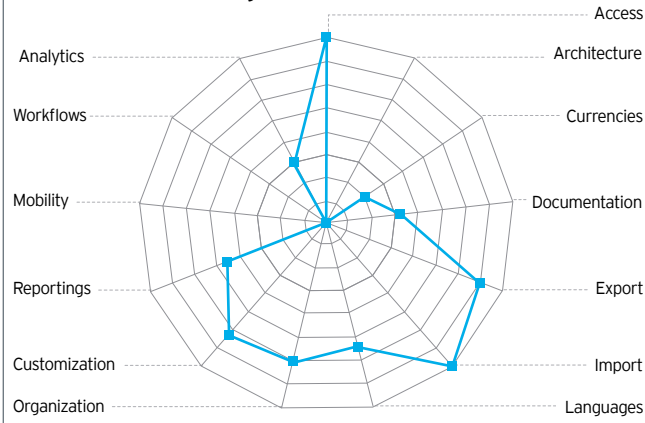
> Europe (West)

**VENDOR'S AVAILABLE SOLUTION(S)**

Solution(s)..... Governance, Risk and Compliance (GRC) ; Business Process Modelling ; Regulatory Compliance ; Risk Self Assessment ; Loss Data Collection ; General Data Protection
Main Focus..... Internal Control - Compliance
Strengths according to the vendor Flexibility: Modular solution, Customizable data model, Effective multi-company platform in complex organizational contexts, Generation of reports for different use cases Usability: Easy management of mitigation actions and related monitoring, Possibility to compare the evaluations over time, Workflow for sharing valuations among control functions
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture Several distinct applications, but with interfaces

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	2	0	0	0	0	0
In the last 12 months	1	0	0	0	0	0

Sectors of implemented projects.....Banking (20%), Insurance (70%), Industry and services (10%)
Average number of users per solution.....From 101 to 200

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

NGCOMPLIANCE



NGCOMPLIANCE

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VENDOR ID CARD

Creation date31/12/2014
Global workforce 6
RMIS workforce 7
RMIS implementation workforce 5
RMIS R&D workforce..... 5

Particularities and differentiating factors

A single platform integrating company's assets description, risk prevention, insurance contract management and claim management for an effective and optimised approach to Company's people and asset protection. The perfect Risk manager companion designed by risk managers.

Area(s) of presence:

> Europe (West et North)



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... PRÉVALÉAS All-In-One (TOOLKIT)

Main Focus..... The solution core added value is to integrate within the same environment : asset description, risk assessment, contract management and incident management.

Strengths according to the vendor In order to speed up its implementation, the solution offers a pre-configuration process. The build-in link between threats, risk prevention principles and their effective application assessment provides the most factual view of risk at every level in the company's organisation and/or process.

Data hosting..... Hosting service provider

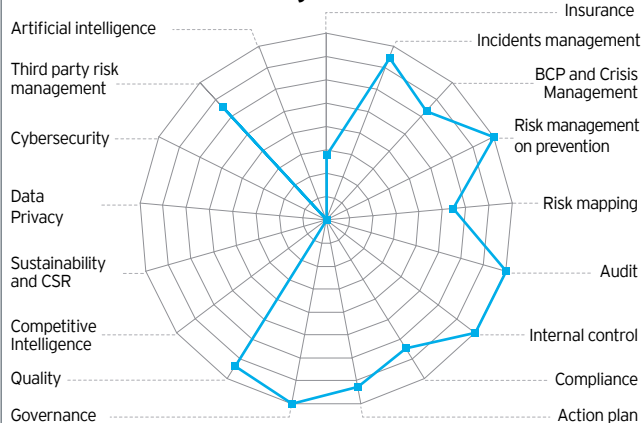
Solution architecture One solution including different functional modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	32	0	0	0	0	0
In the last 12 months	5	0	0	0	0	0

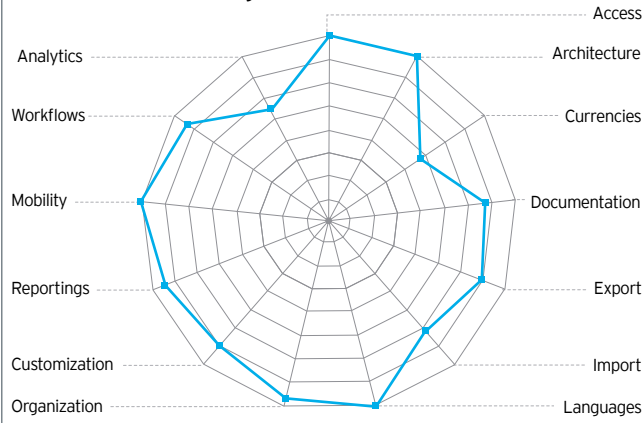
Sectors of implemented projects Banking (10%), Insurance (20%), Industry and services (20%), Public sector (10%), Others (40%)

Average number of users per solution..... From 51 to 100

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

NOVASECUR


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VENDOR ID CARD

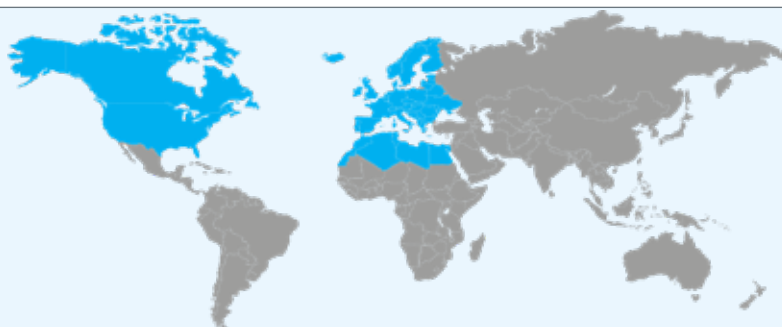
Creation date10/02/2010
Global workforce21
RMIS workforce17
RMIS implementation workforce5
RMIS R&D workforce.....6

Particularities and differentiating factors

MyNovasecur Advanced®, uniquely combines, in a simple user-friendly interface, essential ERM / GRC functionalities with AI-powered Data Analytics. It provides a transversal and collaborative environment to risk management in connecting operational lines of defense, control, audit, and compliance. Analyzing weak signals, it anticipates, alerts, optimizes risks and remediation via dynamic dashboards.

Area(s) of presence:

- > Europe
- > America (North)
- > Africa (North)


VENDOR'S AVAILABLE SOLUTION(S)

Solutions.....My Novasecur Advanced, RMIS / ERM/ GRC + assistance of decision (Analytics, IA) + third party evaluation + BCP + Quality + Process + DM / My Novasecur One (SME Version) / My Novasecur IA - DATALAB (prédiction/ atypical/ data preparation) / My Novasecur IA-DOCULAB (HR, Marketing, Legal) / My Novasecur Speciality Risks (Cyber, Fraud, LAB/FT)

Main Focus.....Risk management

Strengths according to the vendorMyNovasecur uniquely combines, in a simple user-friendly interface, essential ERM / GRC functionalities with AI-powered Data Analytics. It provides a transversal and collaborative environment to risk management in connecting operational lines of defense, control, audit, and compliance. Analyzing weak signals, it anticipates, alerts, optimizes risks and remediation via dynamic dashboards

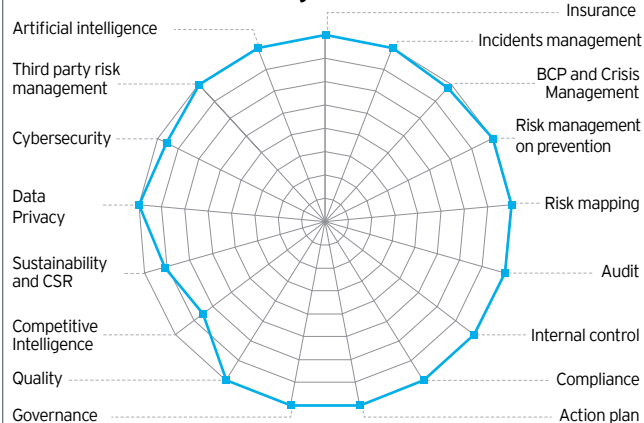
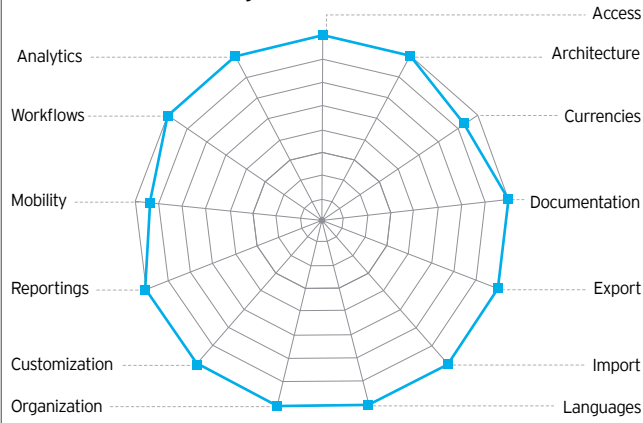
Data hosting.....Managed by vendor's subcontractor

Solution architectureA single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	41	0	0	1	0	0
In the last 12 months	6	0	0	0	0	0

Sectors of implemented projects.....Banking (20%), Insurance (45%), Industry and services (30%), Public sector (5%)

Average number of users per solution.....From 201 to 500

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

OPTIMISO GROUP



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VENDOR ID CARD

Creation date01/01/2005
Global workforce25
RMIS workforce25
RMIS implementation workforce7
RMIS R&D workforce.....11

Particularities and differentiating factors

Optimiso Suite turns regulatory constraints into strengths for the company. Efficient, flexible and useful to everyone, the solution addresses issues of governance, risks, internal control and ISO certifications. Benefit from the experience of 22,000 users and 20 years of field expertise. Our asset: the automation of monitoring controls.

Area(s) of presence:

- > Europe (West, Central)
- > America (Central, South)
- > Africa (West, South)
- > Asia (South-West)



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Optimiso Suite, composé de plusieurs modules : Risques ; Contrôles ; Processus ; Procédures ; Incidents ; Améliorations ; Normes & lois ; Documents liés ; Actifs ; Business intelligence.

Main Focus Internal control - Compliance

Strengths according to the vendor.... Intuitive and efficient solution that simplifies the complexity of RMIS. Management monitors the successful completion of controls in real time. It helps employees to carry out controls, read processes and report incidents. Automatic reporting, particularly for auditors (risk mapping, internal control matrix, etc.).

Data hosting..... Managed by vendor's subcontractor

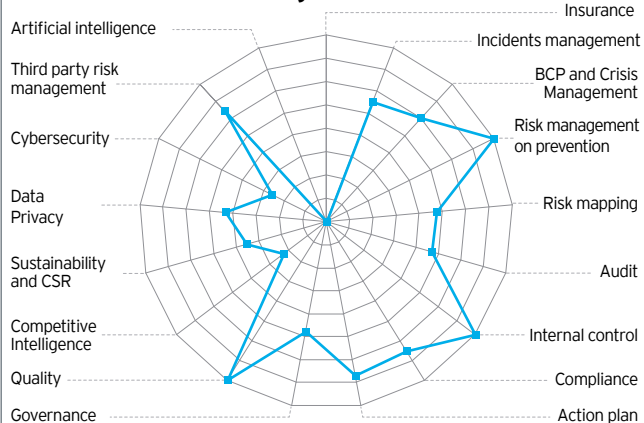
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	220	1	1	0	3	0
In the last 12 months	20	1	1	0	3	0

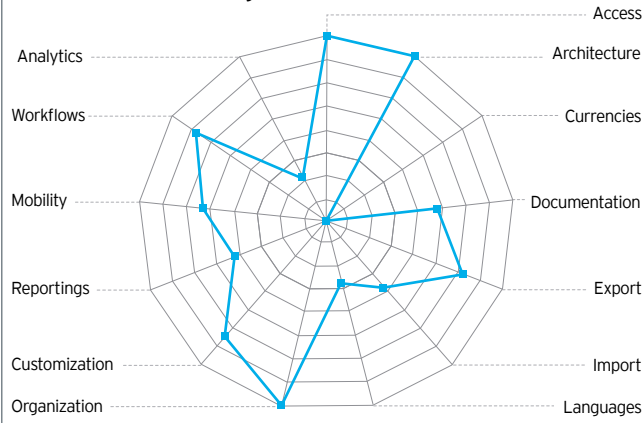
Sectors of implemented projects Banking (10%), Insurance (10%), Industry and services (30%), Public sector (30%), Others (20%)

Average number of users per solution From 101 to 200

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

OXIAL

**OXIAL**

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VENDOR ID CARD

Creation date02/05/2005
Global workforce 43
RMIS workforce 43
RMIS implementation workforce 15
RMIS R&D workforce..... 12

Particularities and differentiating factors

OXIAL sGRC is a unique digital, agile and innovative solution for risk management and compliance. It is a versatile and global tool, integrating, on a single and modern platform, all essential components of governance, risk management, internal control, internal audit, and regulatory compliance.

Area(s) of presence:

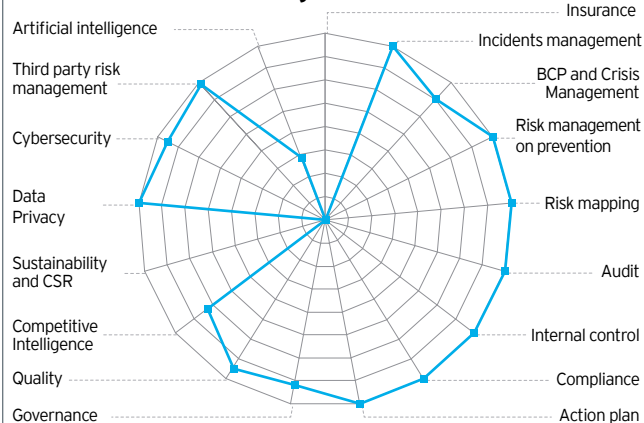
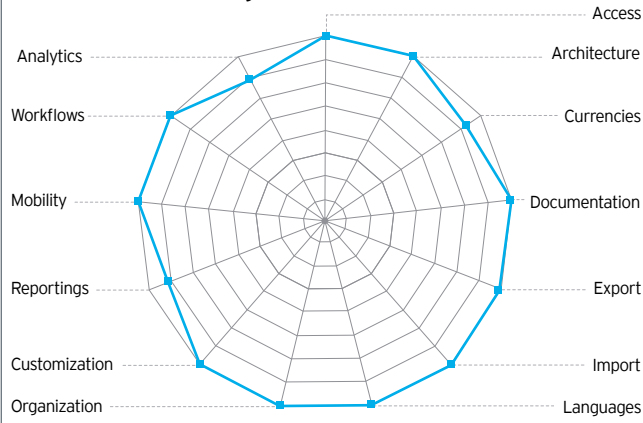
- > Europe (West)
- > Africa (North)

**VENDOR'S AVAILABLE SOLUTION(S)**

Solution(s)..... Oxial sGRC
Main Focus..... Risk Management
Strengths according to the vendor Predefined business workflows, repository of good practices, cross-sectional view such as Blueprint (process / risk / control / incident), assistance with evaluations (risk and controls) functional and technical agility, scalability and progressivity, efficient dashboards and reports, AI integration and RPA
Data hosting..... In the client's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	26	12	0	0	0	1
In the last 12 months	5	2	0	0	0	1

Sectors of implemented projects..... Banking (50%), Insurance (45%), Industry and services (3%), Public sector (2%)
Average number of users per solution..... From 101 to 200

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

QUALITADD FRANCE



QUALITADD

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VENDOR ID CARD

Creation date26/07/2016
Global workforce 34
RMIS workforce 16
RMIS implementation workforce 6
RMIS R&D workforce..... 7

Particularities and differentiating factors

Qualitadd is a French leader in digital and automated solutions to animate the governance of organisations. With the particularity of a digital platform requiring no training, it's the only editor that natively allows a transversal view between risk management, audit and internal control; and the level of data quality.

Area(s) of presence:

- > Europe
- > Africa
- > Oceania
- > America (North)



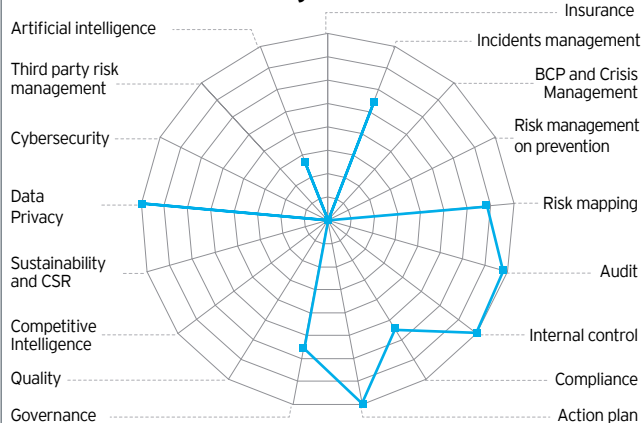
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Digital platform GRC-ERM / Qualitadd technology
Main Focus..... Risk, Audit, Control
Strengths according to the vendor The only solution on the market to natively link data governance and GRC-ERM frameworks, advanced connectivity with third-party IS, pioneering HMI, short implementation time (6 weeks on average), controlled and economical costs
Data hosting..... In the vendor's IS
Solution architecture A single application with several modules

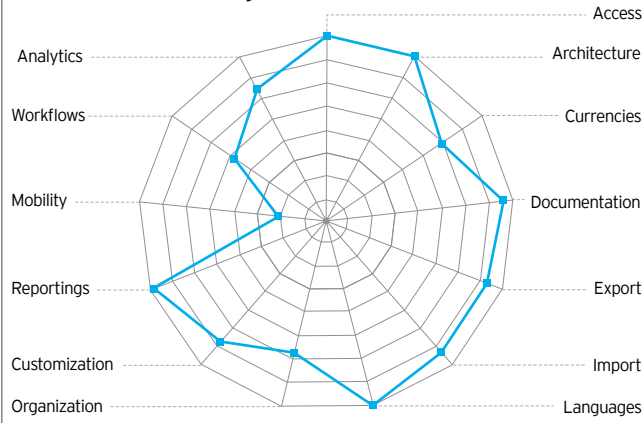
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	8	1	0	0	0	0
In the last 12 months	7	1	0	0	0	0

Sectors of implemented projects.....Banking (10%), Insurance (60%), Industry and services (20%), Public sector (10%)
Average number of users per solution.....From 51 to 100

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

REFINITIV RISK

REFINITIV

Refinitiv Risk

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www.refinitiv.com

Maurits LE POOLE

Business Development Manager
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maurits.lepoole@refinitiv.com

VENDOR ID CARD

Creation date03/01/1855
Global workforce22,000
RMIS workforce 1,000
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

Refinitiv Connected Risk is high-performance technology for next generation GRC. Our customers advance with confidence and achieve their goals with faster time to value through zero-code delivery of workflow and drag & drop UI control, whatever the use-case. We empower users by connecting your GRC activities to your business strategy, operations, processes, product lines and strategic initiatives and unlock the AI opportunity with an adaptable, integrated data management platform to build and maintain your data universe.

Area(s) of presence:

- > Europe
- > Africa (South)
- > Asia
- > America (North)
- > Oceania



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Connected Risk

Main Focus..... Enterprise Risk Management including but not limited to Risk Management, Compliance and IC Management, Audit Management, BCM, Model Risk Management, 3rd Party Risk Management, Regulatory Change Management, Vendor Risk Management.

Strengths according to the vendor 1. Agile - Rapid Value™ delivery through Zero-code with user satisfaction without limiting future configuration refinement. 2. Integrated - Connecting the enterprise-wide Risk & Control Universe, both at Group and Local level, whilst maximising the value of current investments in technology. 3. Smart - A mature GRC solution based on 25+ years of GRC experience and innovation on a Zero-code platform with leading content and technology partner integration.

Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor

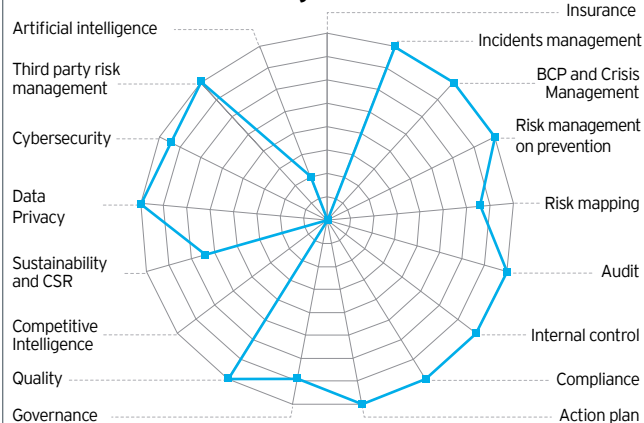
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	40	5	15	50	0	0
In the last 12 months	13	0	10	45	0	0

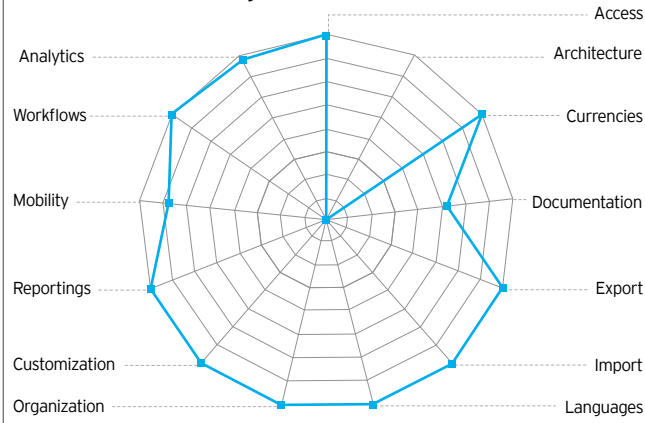
Sectors of implemented projects..... Banking (75%), Industry and services (20%), Public sector (5%)

Average number of users per solution..... Plus de 1000

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

RISHIVE SSL


RisHive Software Solutions Limited

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BS48 4PG Nailsea, Angletterre
www.riskhive.com

Ian BAKER

Founder
+44,1275,545874 / +44,7818,898997
ian.Baker@riskhive.com

VENDOR ID CARD

Creation date15/11/2000
Global workforce 5
RMIS workforce 4
RMIS implementation workforce 4
RMIS R&D workforce..... 3

Particularities and differentiating factors

A system designed to meet client needs as they evolve. Fast deployment times on secure private cloud hosting and can be operational and ready to configure within 24 hours. Replicating customers' working practices we can reduce the time on training and deployment, thus realising return on investment that much faster.

Area(s) of presence:

- > Europe (Central)
- > America (South)
- > Asia (South-East)



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... RiskHive Enterprise Risk Manager®

Main Focus..... Risk management

Strengths according to the vendor Provides enterprise-wide risk control and oversight to improve business performance. Centralises, speeds-up and improves risk reporting and disclosure across the portfolio. Rolls-up risk information to provide a clearer foundation for decision making, by improving the articulation and de-duplication of risks, assumptions and issues. Helps compliance with regulations and standards, including emerging risk management

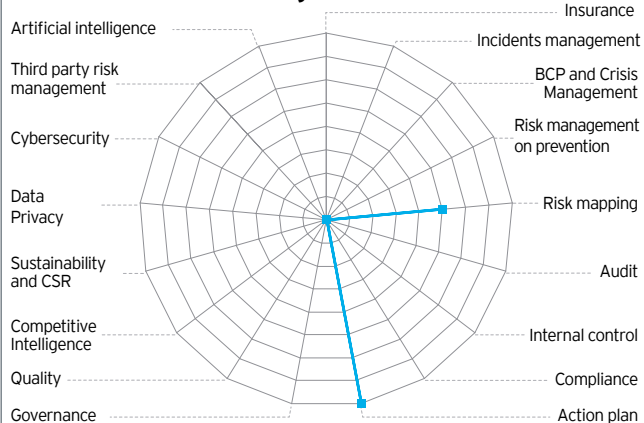
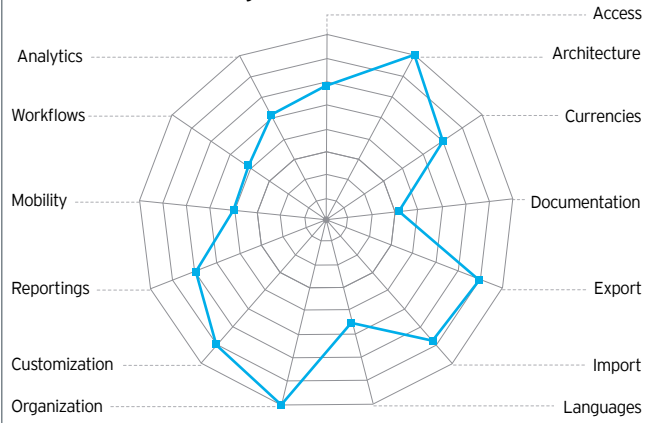
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor

Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	19	1	2	0	2	4
In the last 12 months	5	0	0	0	1	1

Sectors of implemented projects..... Industry and services (90%), Public sector (10%)

Average number of users per solution..... From 201 to 500

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

RISKID


RISKID

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2629HD Delft, Pays-Bas
www.riskid.nl

Calvin LEE

Managing director
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calvin.lee@riskid.nl

VENDOR ID CARD

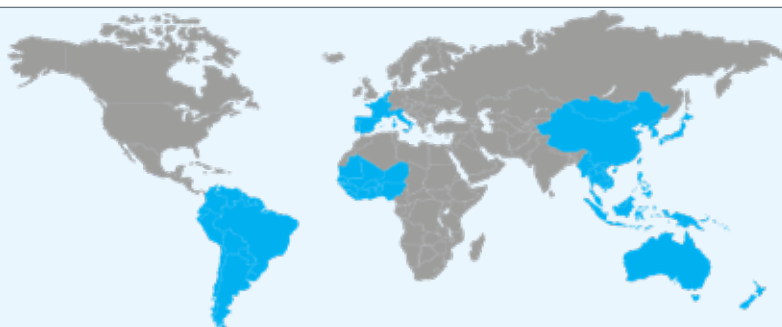
Creation date24/03/2009
Global workforce 14
RMIS workforce 12
RMIS implementation workforce 5
RMIS R&D workforce..... 3

Particularities and differentiating factors

RISKID is a risk management tool that focuses on two aspects: collaboration and ease of use. We believe effective risk management can only be achieved by involving all stakeholders and raising their risk awareness. In a very simple and practical way.

Area(s) of presence:

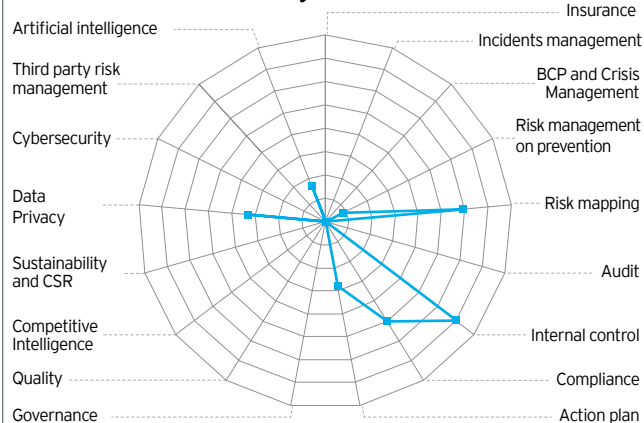
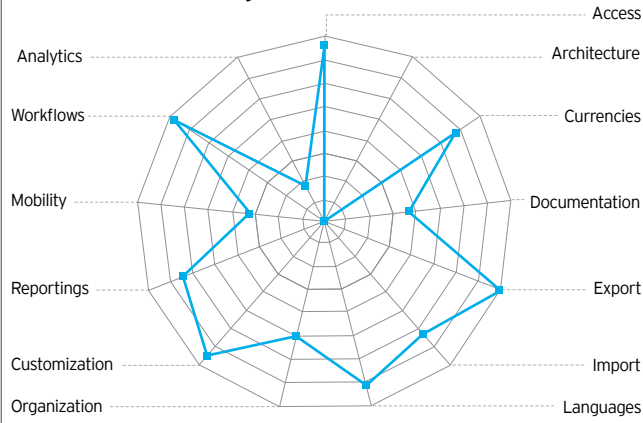
- > Europe (West)
- > Africa (West)
- > Asia (South-East, East)
- > America (South)


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... RISKID
Main Focus..... Risk management
Strengths according to the vendor RISKID focuses on collaboration and ease of use. While other vendors say their software is user-friendly, our software is scientifically proven to be user-friendly. While other vendors say their software is effective and efficient, our software is scientifically proven to identify and evaluate risks in 60% less time.
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	86	0	2	0	6	0
In the last 12 months	23	0	1	0	4	0

Sectors of implemented projects.....Insurance (5%), Industry and services (50%), Public sector (40%), Others (5%)
Average number of users per solution.....From 101 to 200

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

RISK'N TIC



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CEO
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VENDOR ID CARD

Creation date30/10/2016
Global workforce 4
RMIS workforce 4
RMIS implementation workforce 4
RMIS R&D workforce..... 4

Particularities and differentiating factors

Risk'n Tic offers a simple, pragmatic and effective risk management solution. It offers a global vision of the level of risk coverage of a public or private sector entity, a group or an SME. This vision is supplemented by a rating of the company regarding cyber risk.

Area(s) of presence:

> Europe (West)



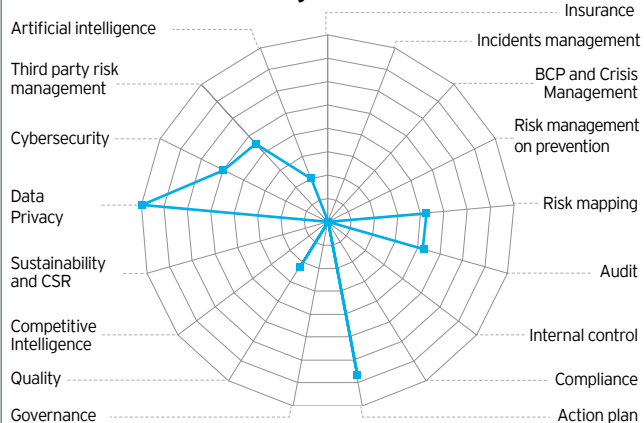
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) Risk'n Tic ERM, labeled EBIOS RISK MANAGER.
Main Focus..... Risk management
Strengths according to the vendor Our simple, pragmatic tool is labeled EBIOSRM. It enables companies to assess their Information System according to benchmarks or risks, and monitor the progress of corrective actions. Based on the AMRAE / ANSSI Guide, it provides a company rating on its Cyber Risk coverage over time
Data hosting..... In the client or vendor's IS, managed by vendor's subcontractor or Other (Offer SecNumCloud)
Solution architecture A single application with several modules

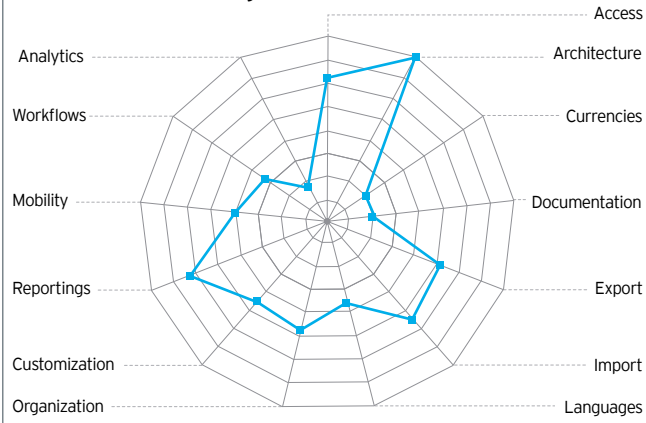
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	30	0	0	0	0	0
In the last 12 months	12	0	0	0	0	0

Sectors of implemented projects Industry and services (85%), Public sector (15%)
Average number of users per solution From 6 to 50

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

ROK SOLUTION



ROK SOLUTION

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Nicolas VIZCAINO

Project Manager
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VENDOR ID CARD

Creation date29/11/2007
Global workforce 10
RMIS workforce 3
RMIS implementation workforce 2
RMIS R&D workforce..... 3

Particularities and differentiating factors

ROK publishes ROK Solution collaborative platform; which is the first on the market, which includes in a cloud based integrated IBPMS, RPA, IA and IAM features. Risks management and compliance, performance indicators and document management, in addition of a native unified communication platform (Mail, chat, Voice and video chat) are included in our product offer. In addition, we've also developed a feature which allow our customers managing SAP authorization and segregation of duties since 2019.

Area(s) of presence:

- > Europe
- > Asia
- > America (North)



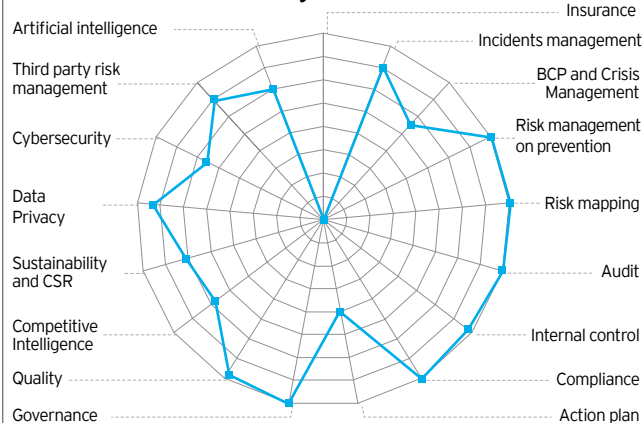
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... ROK Solution
Main Focus..... Risk management
Strengths according to the vendor ROK availability to link organization, processes, risks, IT and document management in order to form a coherent whole, which allows management to visualize the same information regarding different approaches (Procedure or Risk management lines)
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

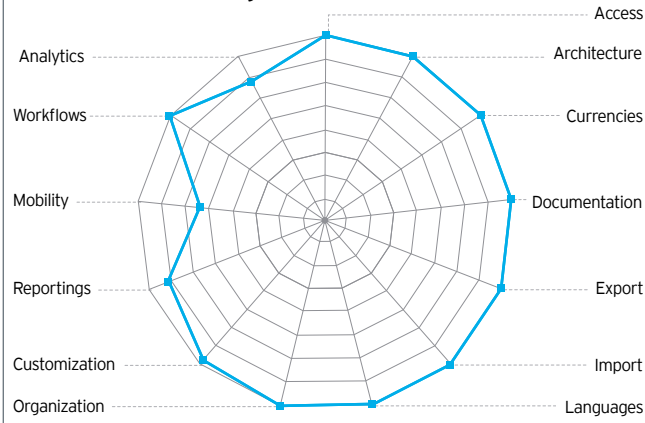
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	2	0	0	0	0	0
In the last 12 months	0	0	0	0	0	0

Sectors of implemented projects..... Banking (20%), Insurance (10%), Industry and services (60%), Public sector (10%)
Average number of users per solution..... Over 1000

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

RSA - ARCHER



RSA - Archer

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Marius CHINGARU

Archer Account Executive
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marius.chingaru@rsa.com

VENDOR ID CARD

Creation date01/01/1982
Global workforce3,000
RMIS workforce800
RMIS implementation workforce100
RMIS R&D workforce.....400

Particularities and differentiating factors

Our perspective is "INSPIRE EVERYONE TO OWN RISK" This means you engage your first, second and third lines of defense into a cohesive approach to identify, assess, decision, treat and monitor risk. RSA Archer proposes a single platform to manage operational risk, supplier and outsourced services risk and cyber risk.

Area(s) of presence:

- > Europe
- > Africa (North, Central)
- > Asia (Central, East)
- > America



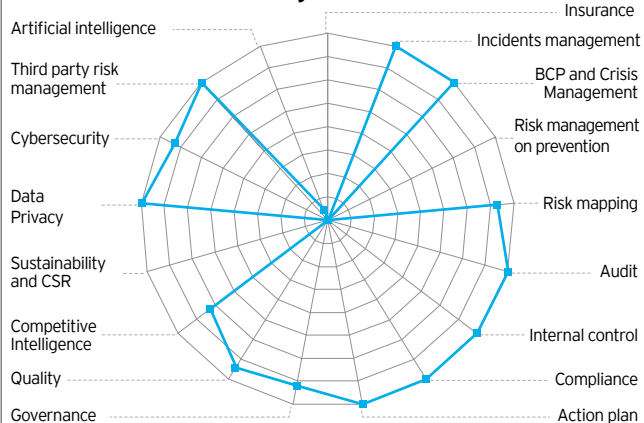
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Archer® Operational Risk Management; Archer® Third Party Governance Archer®; Archer® IT & Security Risk; Archer® Business Resiliency (PCA/PRA) ; Archer® Corporate Compliance ; Archer® Audit Management;
Main Focus..... Risk management
Strengths according to the vendor The RSA Archer GRC platform is unique. It offers advanced management capabilities governance, risk and compliance through its collaborative, flexible and unified platform. The ease of configuration by business users, the consolidation of data and the reporting are very often highlighted as differentiating points
Data hosting..... Managed by vendor's subcontractor
Solution architecture A single application with several modules

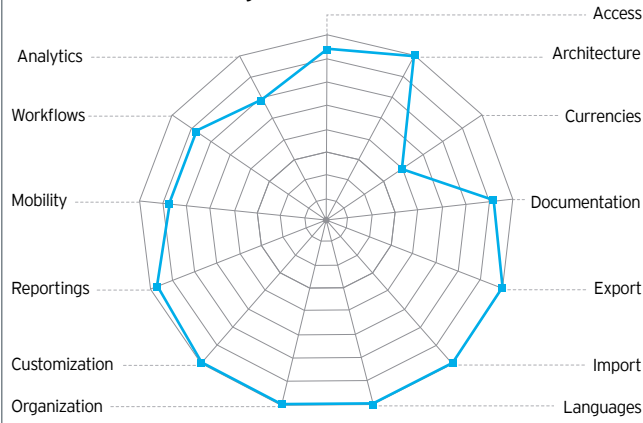
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	300	10	170	700	70	150
In the last 12 months	20	5	40	30	20	10

Sectors of implemented projects Banking (25%), Insurance (15%), Industry and services (25%), Public sector (20%), Others (15%)
Average number of users per solution From 201 to 500

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

RVR PARAD - DEVOTEAM


RVR Parad - Devoteam

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Agnès POYARD

Sales and Marketing Director
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agnes.poyard@devoteam.com

VENDOR ID CARD

Creation date01/01/2004
Global workforce7,600
RMIS workforce80

Particularities and differentiating factors

RVR Parad by Devoteam is an integrated and modular software suite for risk management, internal control and compliance, audit, sustainable development indicators and business continuity. The solution is used by leading companies across all industries and sectors. It is easy to use, highly flexible and secured, and provide a wide range of analysis and report capabilities. The solution is available on-Premises or on SaaS.

Area(s) of presence:

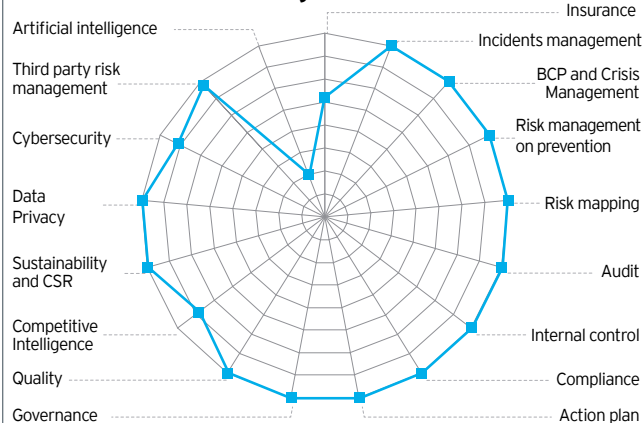
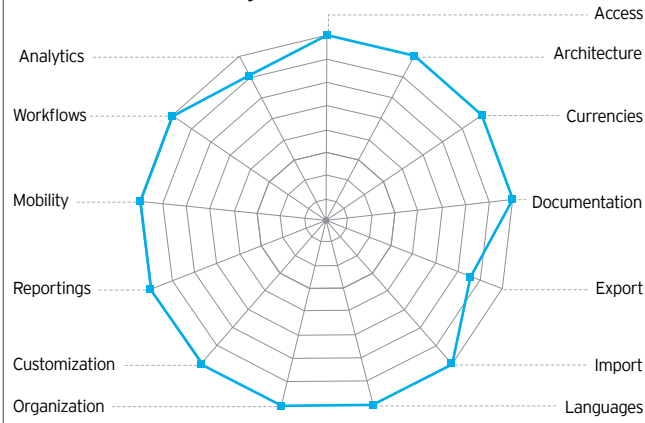
- > Europe
- > America (North)
- > Africa


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) RVR Parad by Devoteam
Main Focus Risk management
Strengths according to the vendor Solution easy-to-use and intuitive, providing advanced features on each module. Flexible and configurable, integrated, offering multiple dashboards and reports, and a BI module. Solution open through web services APIs, and secured with audit trail. Available on Premises or in SaaS
Data hosting Managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	100	15	0	0	0	0
In the last 12 months	15	5	0	0	0	0

Sectors of implemented projects Banking (10%), Insurance (30%), Industry and services (50%), Public sector (10%)
Average number of users per solution From 201 to 500

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

SAI 360



SAI Global
(formerly SAI Global)
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Business Development Manager France
& Southern Europe
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Jules.deronzier@sai360.com

VENDOR ID CARD

Creation date01/01/2003
Global workforce 550
RMIS workforce 550
RMIS implementation workforce 100
RMIS R&D workforce..... 100

Particularities and differentiating factors

SAI360 is cloud-first software and modern ethics and compliance learning content designed to help organizations effectively navigate risk with a flexible, agile approach. Integrated Risk Management doesn't have to be complicated or cost prohibitive. Take advantage of ready-to-use, best practice solution. It enables to: hit the ground running with out-of-the-box settings and templates, configure the software to the operations, know exactly when it will go live, see costs upfront to prevent budget overruns, start end user training earlier.

Area(s) of presence:

- > Asia
- > Oceania
- > Europe
- > America
- > Africa



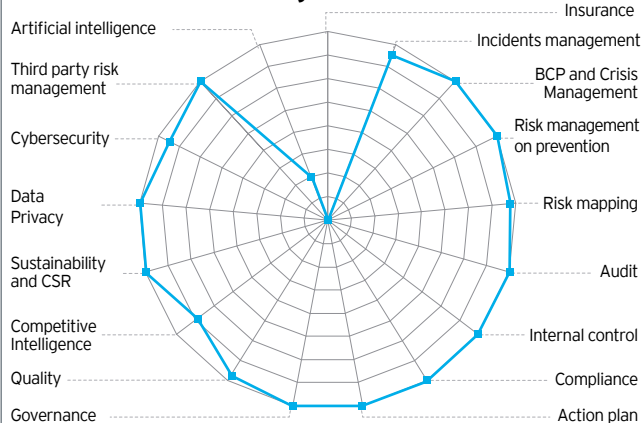
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... SAI360 Enterprise Edition (Formerly B Wise) : / SAI360 EHS / SAI360 Learning
Main Focus..... Risk management
Strengths according to the vendor Solution configurability - extensible data model with configurable UI/forms, fields, relationships to extend solutions, easily modify or create new processes to automate and streamline risk activities. Data visualization and analysis - out of the box and configurable dashboards to visualize and analyze data. System integration - framework APIs and other protocols to integrate with enterprise systems
Data hosting..... Managed by vendor's subcontractor
Solution architecture Several distinct applications, but with interfaces

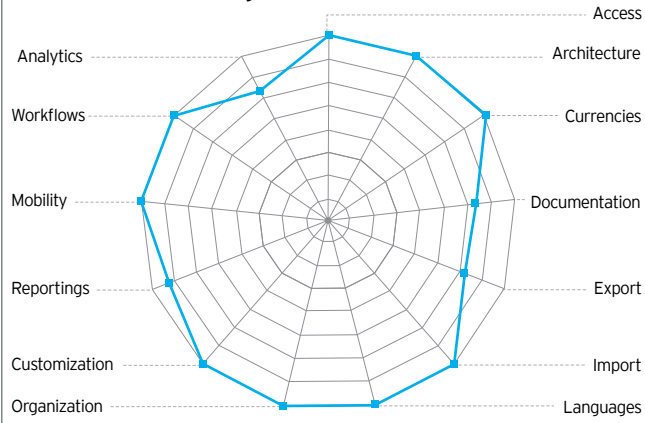
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	266	7	42	687	5	118
In the last 12 months	36	2	12	71	2	15

Sectors of implemented projects Banking (10%), Insurance (10%), Industry and services (48%),
Public sector (27%), Others (5%)
Average number of users per solution From 101 to 200

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

SAP



SAP
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 www.sap.com

Jean-Luc DENE
 Presales Solution Advisor
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 jean-luc.dene@sap.com

VENDOR ID CARD

Creation date 01/04/1972
 Global workforce 101,150

Particularities and differentiating factors

SAP Governance, Risk and Compliance offers a unified and integrated solution portfolio including segregation of duties and access risk management, internal control and continuous control monitoring, enterprise risk management and operational risk management for financial services, internal audit, detection and prevention of fraud, cybersecurity, global trade services and regulation management.

Area(s) of presence:

- > Europe
- > Africa
- > Asia
- > America
- > Oceania



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s).....SAP Risk Management ; SAP Process Control ; SAP Access Control ; SAP Access Violation Management ; SAP Dynamic Authorization Management ; SAP Enterprise Digital Right Management ; SAP Audit Management ; SAP Business Integrity Screening ; SAP Enterprise Threat Detection ; SAP Regulation Management ; SAP Quality Management ; SAP Policy Management ; SAP Claims Management ; SAP Case Management ; SAP Privacy Governance

Main Focus Internal Control - Compliance

Strengths according to the vendor Breadth of automation: Automated Key Risk Indicator monitoring enable not only risk owners to be notified in a timely manner but can also be used to assess the risk automatically.

Data hosting.....In the client or vendor's IS, or managed by vendor's subcontractor

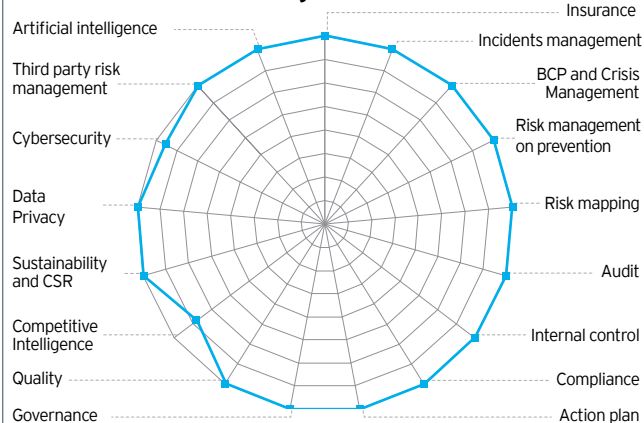
Solution architectureSeveral distinct applications, but with interfaces

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	3,300	1,200	2,200	3,300	1,700	550
In the last 12 months	300	150	200	200	150	50

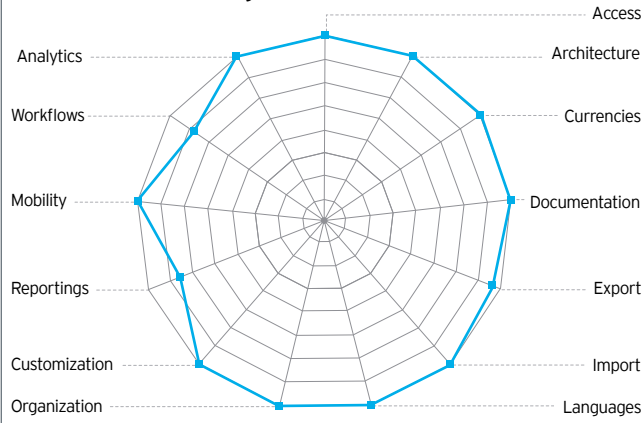
Sectors of implemented projects.....Banking (5%), Insurance (5%), Industry and services (80%), Public sector (10%)

Average number of users per solution.....From 201 to 500

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

SCHLEUPEN AG


SCHLEUPEN AG

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Samuel WEIGEL

Manager France
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VENDOR ID CARD

Creation date01/08/1970
Global workforce 475
RMIS workforce 40
RMIS implementation workforce 10
RMIS R&D workforce..... 30

Particularities and differentiating factors

Schleupen is a family company. For more than 20 years, our goal has been to simplify the tasks around the GRC. Used by more than 480 companies of all sizes and sectors, R2C is adaptable to different maturity levels and evolves on the basis of best practices or your specific needs.

Area(s) of presence:

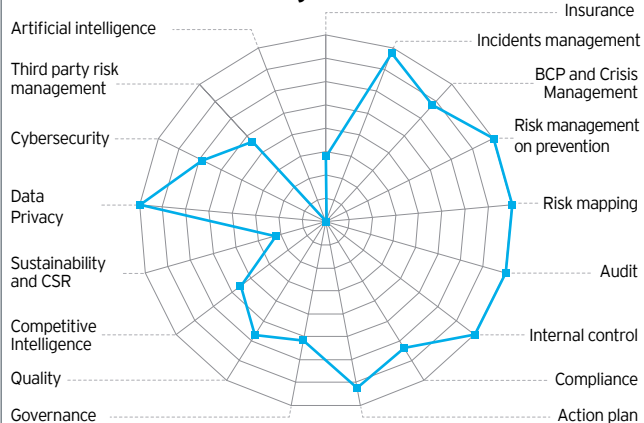
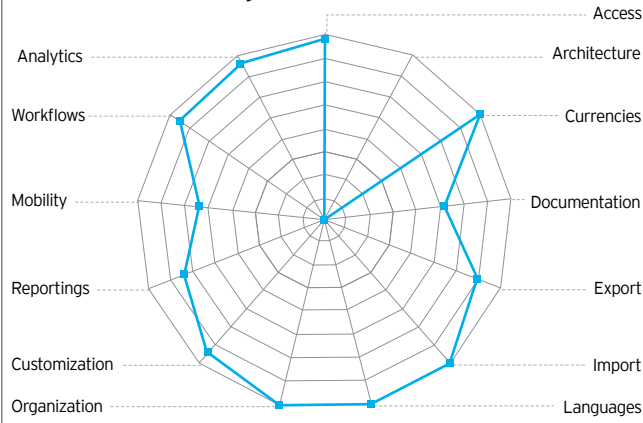
- > Europe (West-Central)
- > Asia (South West)


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) R2C: governance, risk, MC simulation, compliance, internal control, audit, KPI, policy management, incidents, whistleblowing, information security management system, BCM and GDPR
Main Focus Ideal for each topic
Strengths according to the vendor R2C fits if you are looking for: A flexible and modular solution, configurable based on your specific needs; Increased acceptance through easy usability; Low introduction effort due and quick implementation; Ability to evolve your process through the vast existing functionalities (identifications, methodologies, analyses, reports, dashboards, ...)
Data hosting..... In the client or vendor's IS, or managed by vendor's subcontractor
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	485	0	4	0	0	0
In the last 12 months	35	0	1	0	0	0

Sectors of implemented projects Banking (1%), Insurance (10%), Industry and services (35%), Public sector (25%), Others (29%)
Average number of users per solution From 51 to 100

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

SERVICENOW

servicenow

SERVICENOW

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www.servicenow.com

Drew GARRISON

Senior Solution Sales - Risk
+33 (0)6 62 34 98 45
drew.garrison@servicenow.com

VENDOR ID CARD

Creation date 01/01/2003
Global workforce 12,500
RMIS workforce 2,000
RMIS implementation workforce 250
RMIS R&D workforce 350

Particularities and differentiating factors

Organizations need a modern and integrated solution designed for frontline users, that can seamlessly embed risk management and compliance tasks into daily work. ServiceNow delivers a platform that helps achieve new levels of efficiency and productivity, while better managing risk, enforcing standards, and improving accountability across the enterprise.

Area(s) of presence:

- > Europe
- > Africa
- > Asia
- > America
- > Oceania



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) ServiceNow

Main Focus Risk management

Strengths according to the vendor Reinvent user experience via service portals, dashboards, mobile and chatbots. Focus resources by providing business context and streamlining risk prioritization. Share data across the extended enterprise with a single, integrated platform. Optimize performance through continuous monitoring to detect changes in real-time. Adapt to changing needs through workflows, dashboards, and portals

Data hosting In the client or vendor's IS, or managed by vendor's subcontractor

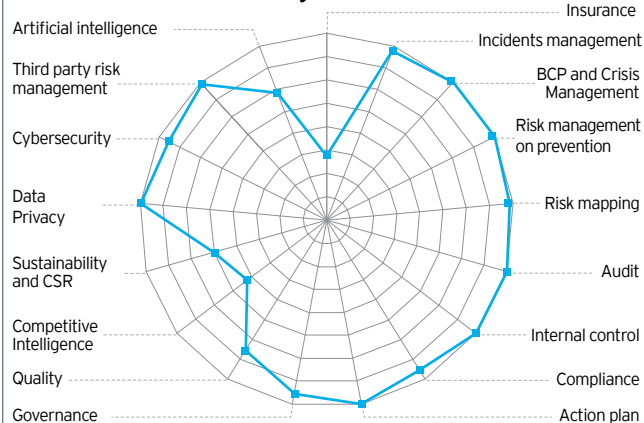
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	160	4	25	520	25	19
In the last 12 months	60	4	15	220	15	15

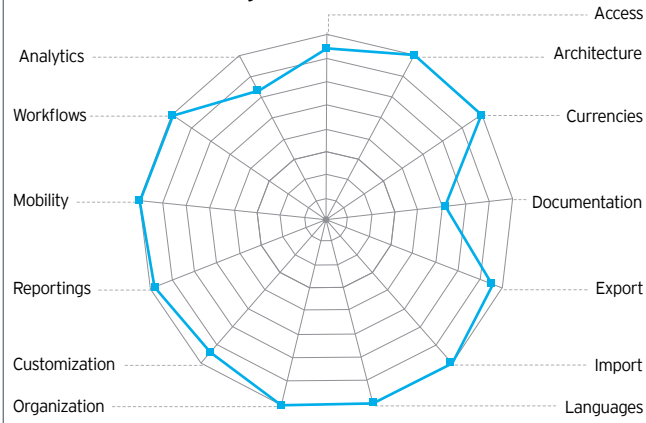
Sectors of implemented projects Banking (25%), Insurance (15%), Industry and services (15%), Public sector (10%), Others (35%)

Average number of users per solution From 501 to 1000

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

SIACI SAINT HONORE



SIACI SAINT HONORE

Season, 39 rue Mstislav Rostropovitch
75017 Paris, France
www.s2hgroup.com

Nicolas ZUSSLIN

Directeur Technologies, Data & Digital
+33 (0)1 44 20 99 99/ +33 (0)1 44 20 99 95
nicolas.zusslin@s2hgroup.com

VENDOR ID CARD

Creation date01/11/2013
Global workforce3,000
RMIS workforce 18
RMIS implementation workforce 15
RMIS R&D workforce..... 5

Particularities and differentiating factors

SIACI Saint Honoré has supported and advised its clients in the development of IT solutions for over 10 years. We transform your data into reliable information for a 360° vision of your insurance data by taking into account your environment specificities and implement dedicated solutions.

Area(s) of presence:

- > Europe
- > Africa
- > Asia
- > America (North)



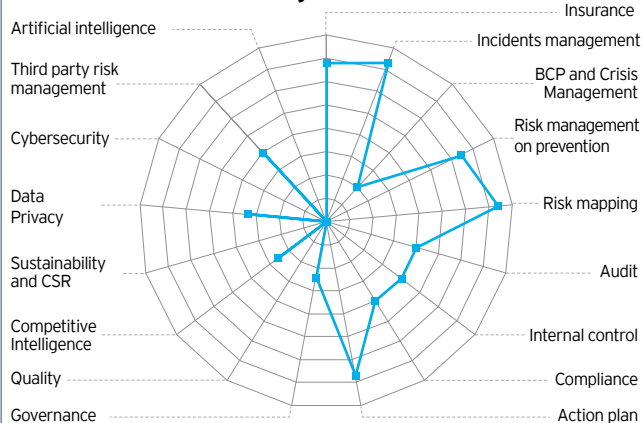
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) SIACI SIGR
Main Focus Risk Management
Strengths according to the vendor Personalized customer relationship through tailor-made expert support
Flexibility thanks to solutions focused on your challenges
High quality of service by transforming your data into quality information
Data hosting..... Managed by vendor's subcontractor
Solution architecture A single application with several modules

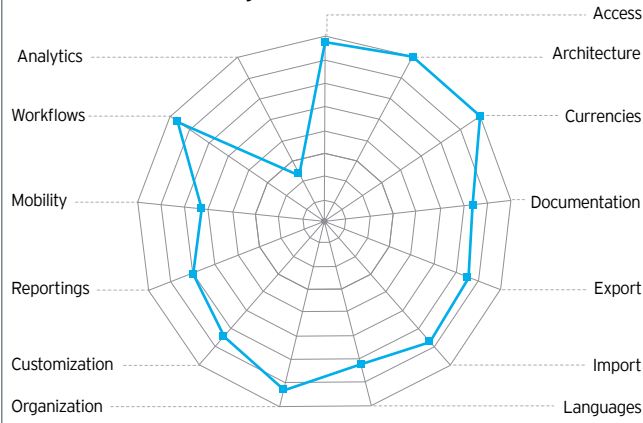
Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	35	0	0	0	0	0
In the last 12 months	3	0	0	0	0	0

Sectors of implemented projects Industry and services (100%)
Average number of users per solution From 101 to 200

Functional modules coverage*



Technical axes coverage*



(*) The results calculated on these charts are based on vendors' self-assessment

SINDUP

**SINDUP (Netprestation)**

14 rue Michael Faraday
49070 Beaucouzé, France
www.sindup.com

Judith GIRAUD

Directrice Marketing
+33 (0)8 26 62 61 05
j.giraud@sindup.com

VENDOR ID CARD

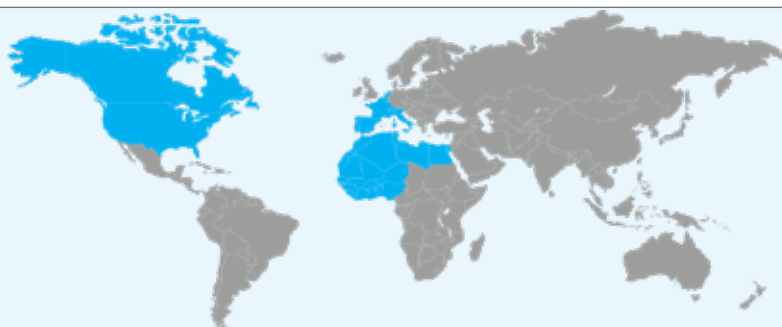
Creation date 01/07/2005
Global workforce 20
RMIS workforce
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

Sindup is monitoring platform for competitive intelligence which helps companies to detect weak signals and key events in order to help them in their process.

Area(s) of presence:

- > Europe (West)
- > America (North)
- > Africa (North et West)



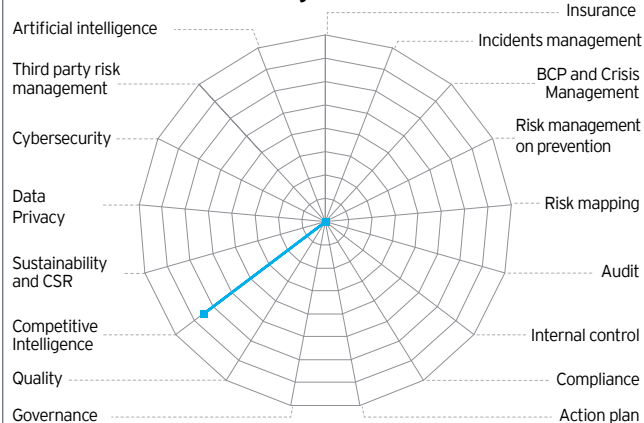
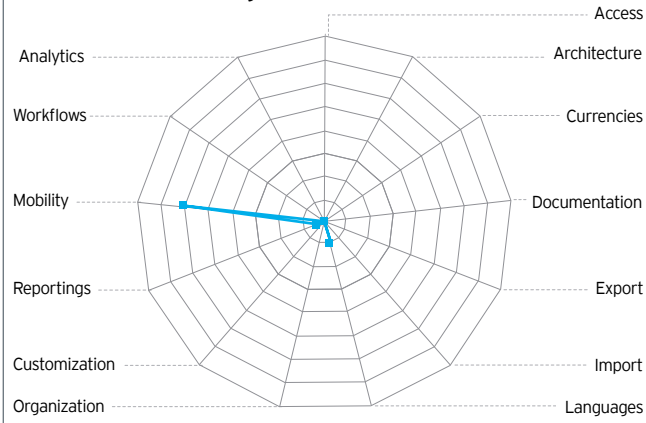
VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)..... Sindup
Main Focus..... competitive intelligence
Strengths according to the vendor A highly robust monitoring tool, Sindup allows all business areas to monitor different types of risk from partners to supply chain, humans resources and post-crisis monitoring.
Data hosting..... In the vendor's IS, or managed by vendor's subcontractor
Solution architecture Several distinct applications, but with interfaces

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	6	0	0	0	0	0
In the last 12 months	0	0	0	0	0	0

Sectors of implemented projects Banking (10%), Insurance (30%), Industry and services (30%),
Public sector (15%), Others (15%)

Average number of users per solution From 6 to 50

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

SOFTWARE AG

**Software AG**

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www.softwareag.com

Nicolas LINSART

PreSales Engineer
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nicolas.linsart@softwareag.com

VENDOR ID CARD

Creation date01/01/1969
Global workforce4,950
Effectif conseil.....1,800
RMIS R&D workforce.....100

Particularities and differentiating factors

Software AG offers a fully integrated solution for carrying out risk management and compliance procedures, process management, and enterprise architecture. The user interface of the ARIS solution offers an intuitive and collaborative way of working, in a web environment equipped with dashboards guaranteeing simplicity of handling and decision-making.

Area(s) of presence:

- > Europe
- > Africa
- > Asia
- > America
- > Oceania



VENDOR'S AVAILABLE SOLUTION(S)

Solution(s)ARIS GRC: ARIS Connect / ARIS Risk & Compliance Manager

Main Focus.....Internal control - Compliance

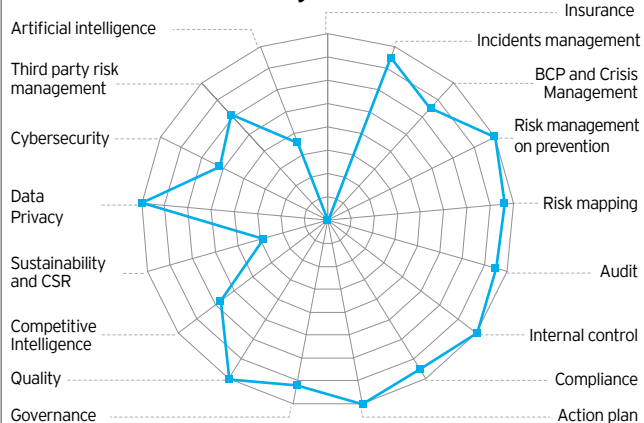
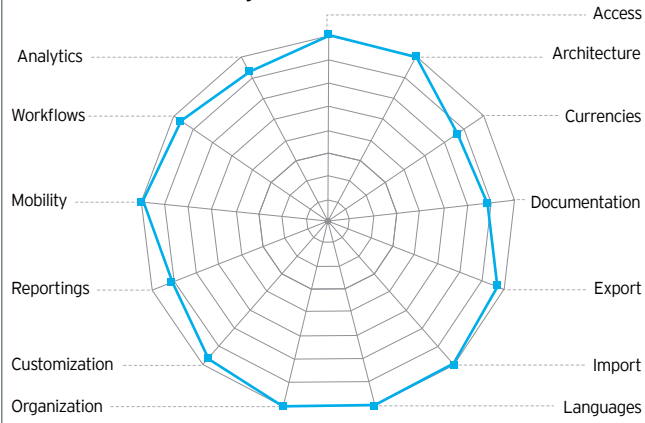
Strengths according to the vendorARIS integrates the GRC approach and its 3 lines of defense into a centralized and collaborative repository, made up of company processes and all of its critical data. Easy to access, equipped with operational dashboards, ARIS supports all risk assessment, control and audit activities

Data hosting.....Managed by vendor's subcontractor

Solution architectureA single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	60	8	10	10	5	0
In the last 12 months	10	0	0	0	0	0

Sectors of implemented projects.....Banking (45%), Insurance (10%), Industry and services (35%), Public sector (10%)
Average number of users per solution.....From 51 to 100

Functional modules coverage***Technical axes coverage***

(*) The results calculated on these charts are based on vendors' self-assessment

SWORD GRC


Sword GRC

Cincom Building, 1 Grenfell Road
SL6 1HN Maidenhead, Angleterre
www.sword-grc.com

Keith RICKETTS

Marketing
+44 (0) 1628,582000 / +44 (0) 7894,608435
keith.ricketts@sword-grc.com

VENDOR ID CARD

Creation date25/07/2000
Global workforce1,700
RMIS workforce130
RMIS implementation workforce15
RMIS R&D workforce.....80

Particularities and differentiating factors

Sword GRC provides an award-winning platform for Governance, Risk and Compliance, that address the requirements of all enterprise market sectors. With a strong focus on driving fast time to value, and harnessing the latest technologies, Sword GRC delivers a versatile range of solutions that support better business decisions through a single view of risk. Sword GRC has offices in the UK, USA, Malaysia and Australia, servicing customers worldwide directly and through a growing network of partners.

Area(s) of presence:

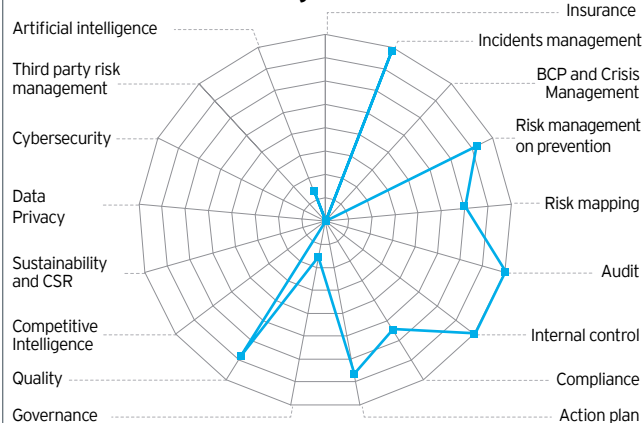
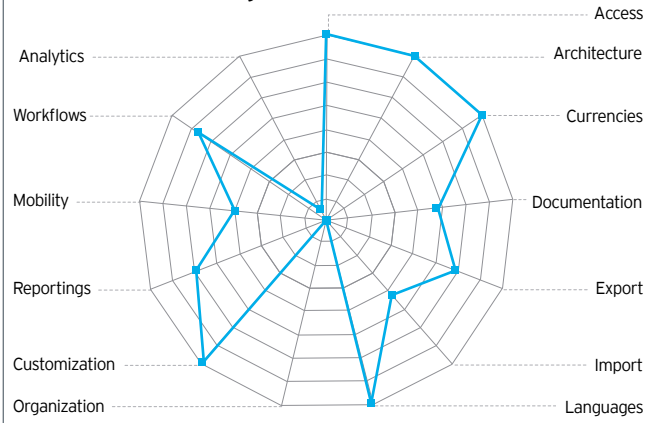
- > Europe
- > Africa (North, South)
- > Asia
- > America (North, South)
- > Oceania


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s).....Sword Active Risk Manager ; Sword Operational Risk Manager ; Sword Compliance Manager ; Sword Policy Manager ; Sword Audit Manager
Main Focus.....Risk management
Strengths according to the vendorSword Active Risk provides advanced risk management and governance capability, with particular strengths in project risk, qualitative and quantitative risk assessment, and enterprise risk aggregation.
Data hosting.....Managed by vendor's subcontractor
Solution architectureSeveral distinct applications, but with interfaces

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	260	10	26	85	4	35
In the last 12 months	260	10	26	85	4	35

Sectors of implemented projectsBanking (4%), Insurance (9%), Industry and services (71%), Public sector (15%), Others (1%)
Average number of users per solution.....From 51 to 100

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

TEAMMATE — WOLTERS KLUWER

TeamMate®
TeamMate - Wolters Kluwer

51 rue Le Peletier
75009 Paris, France
www.wolterskluwer.com

Alexandre LETAC

Sales Manager France, Belgique & Luxembourg
+33 (0)6 72 39 20 42
alexandre.letac@wolterskluwer.com

VENDOR ID CARD

Creation date01/01/1994
Global workforce19,000
RMIS workforce250
RMIS implementation workforce50
RMIS R&D workforce.....100

Particularities and differentiating factors

TeamMate is the reference editor on the management of the audit cycle. 3200 audit and inspections departments, including 400 banks, around the world, of all sizes and in all sectors use TeamMate on a daily basis for their audit work. This makes TeamMate the world's number one in Audit Management.

Area(s) of presence:

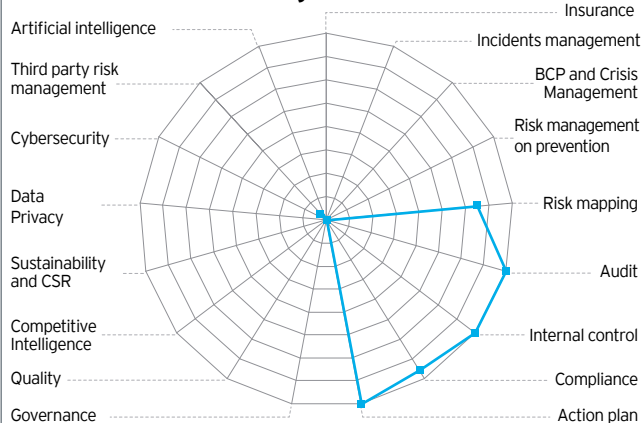
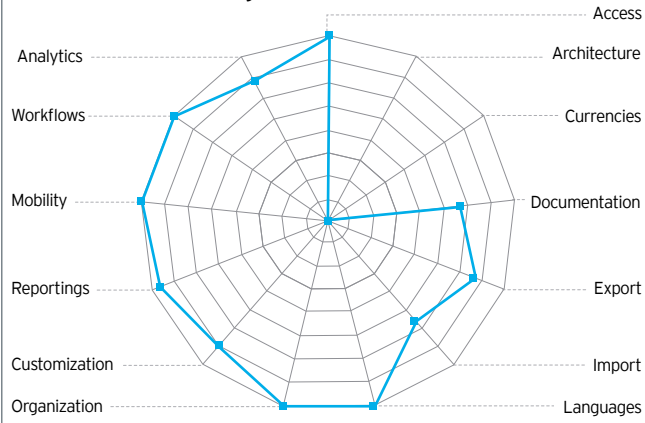
- > Europe
- > Africa
- > Asia
- > America
- > Oceania


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) TeamMate + Audit: Internal Audit and Risk Management - TeamMate Analytics: Data Analysis - TeamMate + Controls: Internal Control
Main Focus Audit
Strengths according to the vendor TeamMate is specialised in Audit : «TeamMate has been created by auditors for auditors». The TeamMate tool covers the entire audit cycle: risk management, planning, assignment work program, audit report, action plans follow-up.
Data hosting..... In the client or vendor's IS
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	-	-	-	-	-	-
In the last 12 months	-	-	-	-	-	-

Sectors of implemented projects Banking (30%), Insurance (10%), Industry and services (35%), Public sector (20%), Others (5%)
Average number of users per solution From 6 to 50

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

VENTIV TECHNOLOGY


VENTIV TECHNOLOGY

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www.ventivtech.com

Steve CLOUTMAN

Managing Director
+44 (0) 20,3817,7407 / +44 (0) 7971,505433
steve.cloutman@ventivtech.com

CARTE D'IDENTITE SELON L'ÉDITEUR

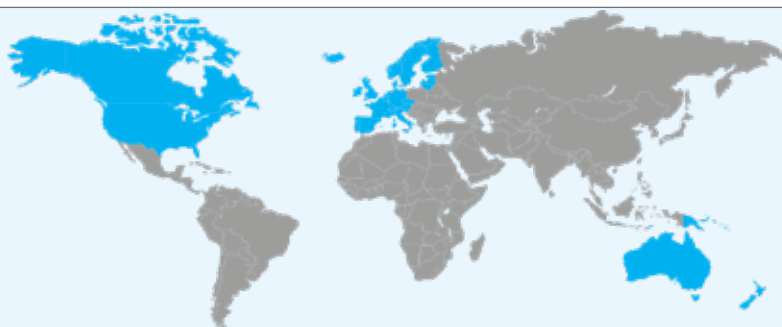
Creation date09/01/2014
Global workforce 450
RMIS workforce 36
RMIS implementation workforce 46
RMIS R&D workforce..... 135

Particularities and differentiating factors

Ventiv is a leading global provider of innovative risk and insurance software solutions for a vast array of industries, serving some of the largest companies in the world. With differentiation in data analytics, technology and customer success, Ventiv transforms how companies manage risk and insurance information to enable optimal outcomes.

Area(s) of presence:

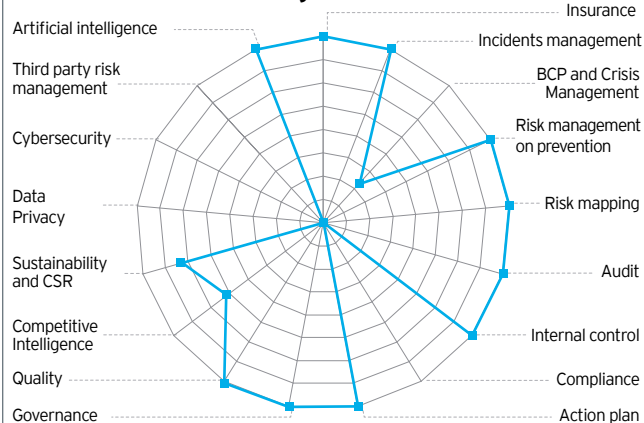
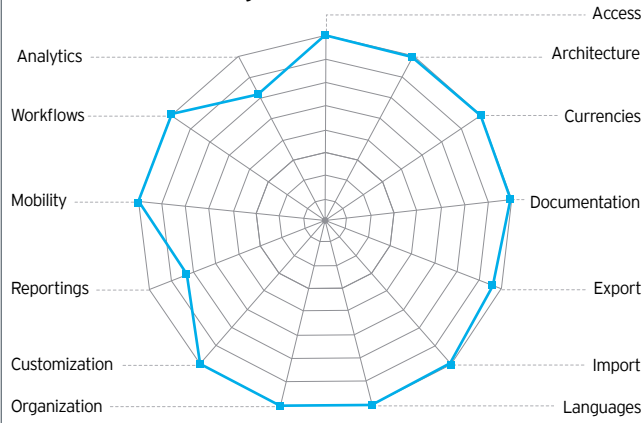
- > Europe (West, Central, North)
- > America (North)
- > Oceania


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s) Ventiv IRM; Ventiv Digital; Ventiv Data Science; Webrisk
Main Focus Risk Management
Strengths according to the vendor Our key differentiators are our analytics, customer support, and technology. We do not rely on third-party vendors for AI-powered analytics, and our customers can use built-in models or create their own. Ventiv customers receive daily personalized support, and our solutions are scalable and designed to evolve along with their needs.
Data hosting..... In the vendor's IS
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	138	2	8	291	1	23
In the last 12 months	0	6	0	11	0	0

Sectors of implemented projects Banking (5%), Insurance (15%), Industry and services (22%), Public sector (48%), Others (10%)
Average number of users per solution From 51 to 100

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

VIRTUESPARK


VIRTUESPARK

Christoph Merian-Ring 11
4153 Reinach, Suisse
www.virtuespark.com

Pascal BUSCH

General Manager
+41(0) 61,413 80 00
pascal.busch@virtuespark.com

VENDOR ID CARD

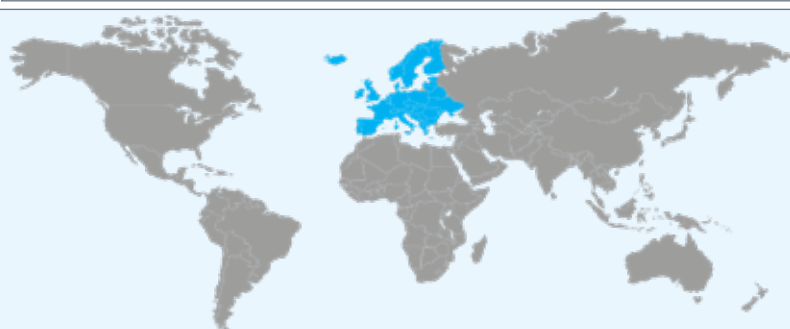
Creation date17/06/2017
Global workforce7
RMIS workforce4
RMIS implementation workforce3
RMIS R&D workforce.....2

Particularities and differentiating factors

VirtueSpark focuses on integrated risk and decision management. The platform enables you to control all operational risk and compliance activities and to integrate them with your company's objectives. Led by a vastly experienced team of experts, it offers consultancy and advanced technology to companies large or small at affordable prices.

Area(s) of presence:

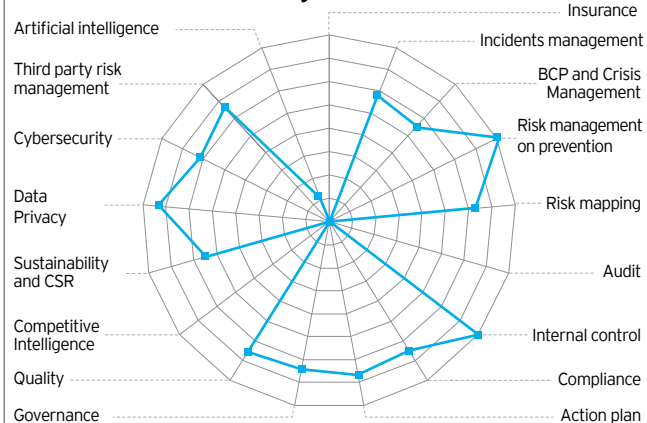
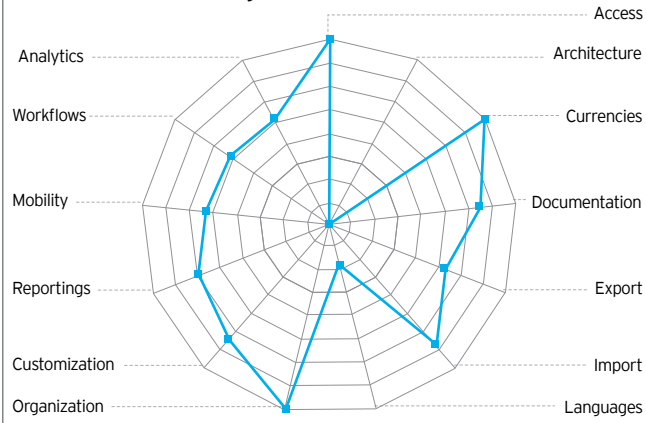
> Europe


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s).....VirtueSpark Enterprise Platform for GRC
Main Focus.....Risk Management
Strengths according to the vendor Aimed at decision-makers and caring to make life simple for the user, VirtueSpark offers an intuitive easy-to-use platform for systemic risk identification across the company and valuechain. Its "autonomous collaboration" features enable operational risk and compliance collaboration across business units, while supporting individual risk management approaches
Data hosting.....In the client or vendor's IS
Solution architecture A single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	2	0	0	0	0	0
In the last 12 months	1	0	0	0	0	0

Sectors of implemented projects.....Banking (50%), Industry and services (50%)
Average number of users per solution.....From 201 to 500

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

WORKIVA


WORKIVA

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www.workiva.com

Vincent GUILLARD

Field Marketing Manager
+33 (0)1 88 45 08 69 / +33 (0)6 87 07 15 00
vincent.guillard@workiva.com

VENDOR ID CARD

Creation date01/08/2008
Global workforce1,721
RMIS workforce
RMIS implementation workforce
RMIS R&D workforce.....

Particularities and differentiating factors

Workiva is the world's leading connected reporting and compliance platform. Establish a connected, transparent, and continuous GRC reporting process within the Wdesk platform. Workiva enables you to connect data across outputs with complete control, from early risk identification to final reports.

Area(s) of presence:

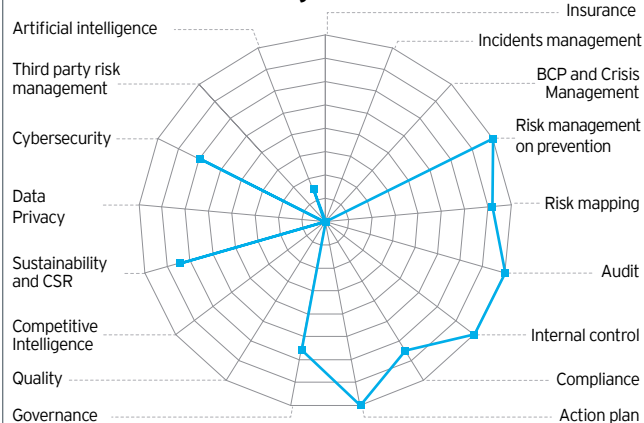
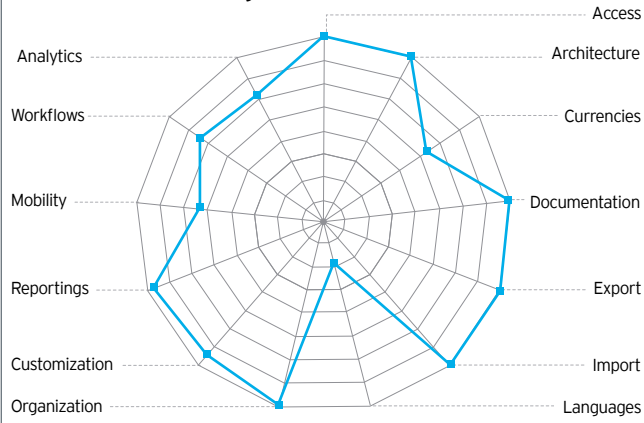
- > Europe
- > America
- > Asia
- > Africa (South)
- > Oceania


VENDOR'S AVAILABLE SOLUTION(S)

Solution(s).....Enterprise Risk Management, Internal Controls Management, Internal Audit Management, SOX Management, Policy & Procedures, Certifications / Attestations
Main Focus.....All solutions exist within the cloud platform and carry the same level of focus from Workiva
Strengths according to the vendorUnify people, processes and data to deliver accurate reports required by regulators, leadership and shareholders. Workiva connects data with context across spreadsheets, documents and presentations to increase trust in your outputs. Improve productivity with built-in workflow and automation that scales to teams of all sizes
Data hosting.....At vendor
Solution architectureA single application with several modules

Number of RMIS clients	In Europe	In Africa	In Asia	In North America	In South America	In Oceania
Total	25	1	3	238	382	1
In the last 12 months	-	-	-	-	-	-

Sectors of implemented projectsBanking (8%), Insurance (13%), Industry and services (4%), Public sector (2%), Others (73%)
Average number of users per solution.....From 6 to 50

Functional modules coverage*

Technical axes coverage*


(*) The results calculated on these charts are based on vendors' self-assessment

APPENDIX 1

Risk managers' respondents geographical presence

REGIONS	COUNTRIES
Europe – North	Sweden, Denmark, Finland and Norway
Asia	China, India, Malaysia, Philippines, Singapore, Indonesia and Japan
Africa	Morocco
America – North	United States and Canada
Océanie	Australia and New Zealand
Moyen Orient	Bahrain
Europe - Ouest	France, Malta, Italy, Portugal, Belgium and England
Europe - Centrale	Czech Republic, Germany, Slovenia, Switzerland
Europe - Est	Russia, Lithuania, and Albania

APPENDIX 2

Vendors' geographical presence

REGIONS	COUNTRIES
Asia – North and Central	Amethyste - Arengi - Ciss Ltd - Digitemis - eFront / BlackRock - Enablon - Galvanize - IBM France - Kermobile Solutions - Meetrisk - Mega International - Nanocode SAS - Refinitiv - ROK Solution - RSA Archer - SAI Global - SAP - ServiceNow - Siaci Saint Honore - Software AG - Sword GRC - TeamMate / Wolters Kluwer - Workiva
Asia – South and West	Amethyste - Arengi - Ciss Ltd - Digitemis - eFront / BlackRock - Galvanize - IBM France - Kermobile Solutions - Meetrisk - Mega International - Nanocode SAS - Optimiso Group SA - Refinitiv - ROK Solution - SAI Global - SAP - ServiceNow - Siaci Saint Honore - Software AG - Sword GRC - TeamMate / Wolters Kluwer - Workiva
Asia – South East	Amethyste - Arengi - Challenge Optimum SA - Ciss Ltd - Digitemis - eFront / BlackRock - Enablon - Galvanize - IBM France - Kermobile Solutions - LexisNexis - Meetrisk - Mega International - Nanocode SAS - Refinitiv - RisHive Software Solutions Limited - RISKID - ROK Solution - SAI Global - SAP - ServiceNow - Siaci Saint Honore - Software AG - Sword GRC - TeamMate / Wolters Kluwer - Workiva
Oceania	Arengi - Digitemis - eFront / BlackRock - Enablon - Galvanize - IBM France - Kermobile Solutions - Meetrisk - Mega International - Nanocode SAS - Qualitadd France - Refinitiv - risHive Software Solutions Limited - SAI Global - SAP - ServiceNow - Software AG - Sword GRC - TeamMate / Wolters Kluwer - Ventiv Technology - Workiva
Europe – North	1-ONE - Neuros distribution - ALL4TEC - AMETHYSTE - Arengi - CERRIX - CISS Ltd - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - I-PORTA - Kermobile Solutions - LexisNexis - MEETRISK - MEGA International - My Risk Committee - NANOCODE SAS - ngCompliance - NOVASECUR - QUALITADD France - Refinitiv - ROK Solution - RSA ARCHER - RVR PARAD - DEVOTEAM - SAI Global - SAP - SERVICENOW - SIACI SAINT HONORE - Software AG - Sword GRC - TeamMate - Wolters Kluwer - Ventiv Technology - VirtueSpark - Workiva
Europe – West	1-ONE - Neuros distribution - ALL4TEC - AMETHYSTE - Apsys - Arengi - avedos grc GmbH - CERRIX - Challenge Optimum SA - CISS Ltd - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - I-PORTA - iWE - Kermobile Solutions - LexisNexis - Maptycs - MEETRISK - MEGA International - My Risk Committee - NANOCODE SAS - Next srl - ngCompliance - NOVASECUR - Optimiso Group SA - Oxial - QUALITADD France - Refinitiv - RISKID - Risk'n TIC - ROK Solution - RSA ARCHER - RVR PARAD - DEVOTEAM - SAI Global - SAP - Schleupen - SERVICENOW - SIACI SAINT HONORE - Sindup (Netprestation) - Software AG - Sword GRC - TeamMate - Wolters Kluwer - Ventiv Technology - VirtueSpark - Workiva
Europe – Central	1-ONE - Neuros distribution - ALL4TEC - AMETHYSTE - Arengi - avedos grc GmbH - CERRIX - CISS Ltd - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - Kermobile Solutions - LexisNexis - MEETRISK - MEGA International - My Risk Committee - NANOCODE SAS - NOVASECUR - Optimiso Group SA - QUALITADD France - Refinitiv - risHive Software Solutions Limited - ROK Solution - RSA ARCHER - RVR PARAD - DEVOTEAM - SAI Global - SAP - Schleupen - SERVICENOW - SIACI SAINT HONORE - Software AG - Sword GRC - TeamMate - Wolters Kluwer - Ventiv Technology - VirtueSpark - Workiva
Europe – East	1-ONE - Neuros distribution - ALL4TEC - AMETHYSTE - Arengi - CERRIX - CISS Ltd - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - Kermobile Solutions - LexisNexis - MEETRISK - MEGA International - My Risk Committee - NANOCODE SAS - NOVASECUR - QUALITADD France - Refinitiv - ROK Solution - RSA ARCHER - RVR PARAD - DEVOTEAM - SAI Global - SAP - SERVICENOW - SIACI SAINT HONORE - Software AG - Sword GRC - TeamMate - Wolters Kluwer - VirtueSpark - Workiva
America – North	ALL4TEC - Arengi - CISS Ltd - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - Kermobile Solutions - LexisNexis - Maptycs - MEETRISK - MEGA International - My Risk Committee - NANOCODE SAS - NOVASECUR - QUALITADD France - Refinitiv - ROK Solution - RSA ARCHER - RVR PARAD - DEVOTEAM - SAI Global - SAP - SERVICENOW - SIACI SAINT HONORE - Sindup (Netprestation) - Software AG - Sword GRC - TeamMate - Wolters Kluwer - Ventiv Technology - Workiva
America – Central and South	AMETHYSTE - Arengi - CERRIX - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - Kermobile Solutions - LexisNexis - MEETRISK - MEGA International - NANOCODE SAS - Optimiso Group SA - risHive Software Solutions Limited - RISKID - RSA ARCHER - SAI Global - SAP - SERVICENOW - Software AG - Sword GRC - TeamMate - Wolters Kluwer - Workiva
Africa – North	AMETHYSTE - Arengi - CISS Ltd - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - Kermobile Solutions - LexisNexis - MEETRISK - MEGA International - My Risk Committee - NANOCODE SAS - NOVASECUR - Oxial - QUALITADD France - RSA ARCHER - RVR PARAD - DEVOTEAM - SAI Global - SAP - SERVICENOW - SIACI SAINT HONORE - Sindup (Netprestation) - Software AG - Sword GRC - TeamMate - Wolters Kluwer
Africa – West	AMETHYSTE - Arengi - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - Kermobile Solutions - LexisNexis - MEETRISK - MEGA International - My Risk Committee - NANOCODE SAS - Optimiso Group SA - QUALITADD France - RISKID - RVR PARAD / DEVOTEAM - SAI Global - SAP - SERVICENOW - SIACI SAINT HONORE - Sindup (Netprestation) - Software AG - Sword GRC - TeamMate / Wolters Kluwer
Africa – South East and Central	AMETHYSTE - Arengi - CISS Ltd - DELTA RM - DIGITEMIS - eFront / BlackRock - ENABLON - Galvanize - IBM France - Kermobile Solutions - LexisNexis - MEETRISK - MEGA International - NANOCODE SAS - Optimiso Group SA - QUALITADD France - Refinitiv - RSA ARCHER - RVR PARAD / DEVOTEAM - SAI Global - SAP - SERVICENOW - SIACI SAINT HONORE - Software AG - Sword GRC - TeamMate - Wolters Kluwer - Workiva

APPENDIX 3

Description of functional modules and technical axes

Functional modules

Insurance Management	<ul style="list-style-type: none"> > Premium allocation management > Calculation of premiums pursuant to regulations and contracts > Follow-up of premium payment history > Management of insurance portfolios > Budget simulations > Tax identification and follow-up
Incident and Loss Management	<ul style="list-style-type: none"> > Description and follow-up (including financial impact) of incidents managed centrally or not, non-compliance, legal proceedings, losses, conditional alerts, etc. > History of financial valuation including compensation process follow-up by item (medical expenses, damages, material and immaterial damages, etc.)
BCP and Crisis Management	<ul style="list-style-type: none"> > Formalization and use of BCP models > Impact on Activities Assessment (IAA) and interface with the corporate directory > Maintenance in operational conditions (MOC); Asset management > Crisis management support
Risk Management	<ul style="list-style-type: none"> > Description and management of risks inspections (planning, documentation, monitoring, etc.) > Monitoring of Prevention reports and associated notes > Monitoring of compliance with regulations and internal or external standards > Library of prevention / protection measures > Follow-up of recommendations
Risk Mapping	<ul style="list-style-type: none"> > Risk Identification and formalization, Management of a Risk Library, Linkage to strategic objectives > Risk Evaluation (qualitative or quantitative) and Prioritization > Risk Indicator Monitoring, Alert thresholds > Credit, Market and Financial risk management (Basel 3)
Audit	<ul style="list-style-type: none"> > Audit plan management > Management of auditing missions, schedules and work programs
Internal Control	<ul style="list-style-type: none"> > Identification of controls and link with processes > Management of self assessment campaigns
Compliance	<ul style="list-style-type: none"> > Compliance with regulations, internal or external standards (interfaces with content providers), self assessments
Action Management	<ul style="list-style-type: none"> > Actions and action plans management (allocation, planning follow-up...)
Governance	<ul style="list-style-type: none"> > Management of the organization, risk management policies and decisions > Dashboards with key indicators, budget management
Quality Management	<ul style="list-style-type: none"> > Management of processes, objectives, quality indicators, non-compliant products, preventive and corrective actions, specific procedures, etc.
Competitive Intelligence	<ul style="list-style-type: none"> > Management of intelligence and information analysis, business intelligence, technology watch > Information gathering, treatment, publishing and filing
Sustainability and CSR	<ul style="list-style-type: none"> > Ability to manage Sustainability program (metrics, analysis, reporting) > Ability to support different protocol out of the box: GHG, Emission scope... > Ability to manage CSR initiatives and other related activities
Cybersecurity	<ul style="list-style-type: none"> > Ability to scope ISMS and document Statement of Applicability > Manage security incidents and vulnerabilities > Vulnerability Scans
Data Privacy	<ul style="list-style-type: none"> > Perform initial Data Privacy assessment and impact assessment > Ability to monitor compliance policy to Data Privacy and detect and manage breaches > Data Privacy reporting library ready to use for compliance purposes
Third-party risk management (New axis 2021)	<ul style="list-style-type: none"> > Provision of third-party libraries > Enable the set-up, distribution, delegation, collection and follow-up of one or more third party questionnaires (SIG, GDPR, ISO 27001, etc.) > Calculate a risk (inherent and residual) of a third party > Identify atypical or exceptional transactions > Provide a consolidated mapping of third-party risks by process, geography, criticality, etc. ... > Possibility to manage controls and audits on third parties > Possibility of managing third parties through the use of alerts with automated action triggers

Artificial Intelligence (New axis 2021)	<ul style="list-style-type: none"> > Ability to map or integrate into a map via data visualization information > Ability to analyze and evaluate the effectiveness of the risk management system in order to produce alternative recommendations > Ability to detect weak signals from structured or unstructured data from multiple sources using Deep Learning and/or Machine Learning capabilities. > Enable the user of the 1st or 2nd line of control via the use of Natural Language Processing (NLP) to > Ability to categorize a loss/incident event or match any object to another > Ability to calculate multiple risk scenarios and provide simulations with recommendations for decision support > Highlight information about cognitive biases and deviations in artificial intelligence models to effectively manage model risk
Data analytics	<ul style="list-style-type: none"> > Ability to be connected to several data sources (ERP or others) > Library of ready to use and predefined controls > Ability to manage Continuous Control Monitoring activities – Exceptions pushed and managed

Technical axes

Access Management	<ul style="list-style-type: none"> > User access security policy, user management, segregation of duties > Delegation of administration rights > Management of user authorizations and data confidentiality
Technical Architecture	<ul style="list-style-type: none"> > Type of architecture and hosting used (rich client, Application Service Provider, etc.) > Possible database solutions and programming languages > Logical security of the technical platform
Multi-Currency Management	<ul style="list-style-type: none"> > Default currency > Other possible currencies > Multiple currency conversion engine
Document Management	<ul style="list-style-type: none"> > Document attachment > Document management capabilities
Imports	<ul style="list-style-type: none"> > Import management by a client administrator or an authorized user > Import of external data sources in an appropriate format
Exports	<ul style="list-style-type: none"> > Pre-set export formats > Extracting and exporting data in xls, dbf or other formats (for use in spreadsheets or databases) for external use > Defining export perimeters, selecting data for exports and limiting and restricting exported scope and data
Multiple Language Management	<ul style="list-style-type: none"> > Available languages other than French > Existence of a complete RMIS version in French > Management of data and label dictionaries > Language management by a client administrator
Organizational Management	<ul style="list-style-type: none"> > Management of tree structures (with more than five levels) along multiple areas and with multiple repositories > Management of different employees or various assets (facilities, vehicles, etc.) attached to the tree-structure entities (including processes) > Matching of legal and organizational data
Customization	<ul style="list-style-type: none"> > Screen customization by the client > Screen customization by the vendor > Other functionalities for the client
Analysis and Reporting	<ul style="list-style-type: none"> > Business Intelligence > Existence of an integrated reporting tool > Interfacing with reporting tools and ETL > Management of analysis criteria > Available reports and supported formats
Workflow Management	<ul style="list-style-type: none"> > Alert triggering thresholds and workflow customization > Tool functionalities for sending emails/SMS, using a mailing list or other > Pre-set workflow management with scheduling and task follow-up functionalities > Reporting possibilities on workflow information
Mobility	<ul style="list-style-type: none"> > RMIS capacities to adapt itself to mobile devices (smartphones, touch pads ...) > Responsive Design

VENDOR	Panorama 2018		Panorama 2019		Panorama 2020		PANORAMA 2021		STATUS 2021
	Consulted	Answered	Consulted	Answered	Consulted	Answered	Consulted	Answered	
1-One	YES	YES	YES	YES	YES	YES	YES	YES	
80-20 Software	YES	NO	YES	NO	YES	NO	YES	NO	
Active Risk (cf. Sword Active Risk)									
Actuarion					YES	NO	YES	NO	
Actuaris	YES	NO	YES	NO	YES	NO	YES	NO	
Advalea	NO	NO	NO	NO	NO	NO	NO	NO	
Agena	YES	NO	YES	NO	YES	NO	YES	NO	
Akio	YES	NO	YES	NO	NO	NO	NO	NO	
ALL4TEC/Riskoversee					YES	NO	YES	YES	Entering
Améthyste	YES	YES	YES	YES	YES	YES	YES	YES	
Antelope			YES	YES	YES	YES	YES	NO	
Antelope					YES	YES	YES	YES	
Aon eSolutions (cf. Ventiv Technology)									
Archer Technologies (cf. EMC / RSA)									
Arengi	YES	YES	YES	YES	YES	YES	YES	YES	
Asphaleia	NO	NO	NO	NO	NO	NO	NO	NO	
AuSuM					YES	NO	YES	NO	
Avedos	YES	NO	YES	NO	YES	NO	YES	YES	Entering
Avetta					YES	NO	YES	NO	
Axentis (cf. TeamMate-Wolters Kluwer)									
Bayesia	NO	NO	NO	NO	NO	NO	NO	NO	
BI International (cf. AlignAlytics)									
BlueUmbrella					YES	NO	YES	NO	
BVD/BureauVanDijk	YES	NO	YES	NO	YES	NO	YES	NO	
Cerrix					YES	YES	YES	YES	
CGERisk	YES	YES	YES	YES	YES	YES	YES	NO	
ChallengeOptimumS.A.	YES	YES	YES	NO	YES	YES	YES	YES	
CheckPoint	NO	NO	NO	NO	NO	NO	NO	NO	
CISS					YES	YES	YES	YES	
ClarityGRC(Infogov)					NO	NO	NO	NO	
Click-N-Manage(cf.ChallengeOptimumS.A.)					NO	NO	NO	NO	
CMO Compliance	YES	NO	YES	NO	YES	NO	YES	NO	
Coda	NO	NO	NO	NO	NO	NO	NO	NO	
Cogis (cf. OxialGroup)									
ControlMetrics (cf. MegaInternational)									
CovalentSoftware(cf. Ideagen)	YES	NO	YES	NO	YES	NO	YES	NO	
Covelys	NO	NO	NO	NO	NO	NO	NO	NO	
CrystalBall (cf. Oracle)									
CS Stars (cf. MarshClearSight)									
CuraTechnologies	YES	NO	YES	NO	YES	NO	YES	NO	
DataGenic	YES	NO	YES	NO	NO	NO	NO	NO	
Dell-RSA	YES	YES	YES	YES	NO	NO	NO	NO	
Delta RM	YES	YES	YES	YES	YES	YES	YES	YES	
Devoteam RVR Parad	YES	YES	YES	YES	YES	YES	YES	YES	

VENDOR	Panorama 2018		Panorama 2019		Panorama 2020		PANORAMA 2021		STATUS 2021
	Consulted	Answered	Consulted	Answered	Consulted	Answered	Consulted	Answered	
Digitemis					OUI	OUI	OUI	OUI	
DWF					OUI	OUI	OUI	NO	
EADS Apsys	OUI	NO	OUI	NO	OUI	NO	OUI	OUI	Entering
Easylicence (Nanocode SA)					OUI	OUI	OUI	OUI	
Effisoft	OUI	NO	OUI	NO	NO	NO	NO	NO	
eFront	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
EgerieSoftware	OUI	NO	OUI	OUI	OUI	OUI	OUI	NO	
Elseware	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
EMC/RSAArcher (cf.Dell-RSA)					NO	NO	NO	NO	
Enablon-Walterskluer	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
ERM					OUI	NO	OUI	NO	
F24	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Fidens	OUI	NO	OUI	NO	NO	NO	NO	NO	
FigtreeSystems (NTTData)					OUI	NO	OUI	NO	
Finwedge (anciennement FCPartner)	NO	NO	OUI	NO	OUI	NO	OUI	NO	
Galvanize					OUI	OUI	OUI	OUI	
GlobalRiskConsultants			OUI	NO	OUI	NO	OUI	NO	
GlobalSuite					OUI	NO	OUI	NO	
Google	NO	NO	NO	NO	NO	NO	NO	NO	
GrasSavoie	OUI	OUI	OUI	NO	NO	NO	NO	NO	
GRC Full Compliance (NEXT Software Solutions)							OUI	OUI	Entering
Hyperion (cf.Oracle)									
IBM	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Ideagen	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
IDSScheer (cf.SoftwareAG)									
i-Flex(cf.Oracle)									
Indicialvalua	OUI	NO	OUI	NO	NO	NO	NO	NO	
Infogov (cf.ProteusCyber)									
Infor	NO	NO	NO	NO	NO	NO	NO	NO	
Information Builders	NO	NO	NO	NO	NO	NO	NO	NO	
Intellinx	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
IPORTA (visiativ)			OUI	OUI	OUI	OUI	OUI	OUI	
Ivalua					OUI	NO	OUI	NO	
iWE			OUI	NO	OUI	OUI	OUI	NO	
Iwecloud					OUI	NO	OUI	OUI	Entering
KerMobile Solutions	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Keyword	OUI	OUI	OUI	NO	NO	NO	NO	NO	
Kilclaresoftware	NO	NO	NO	NO	NO	NO	NO	NO	
LegalSuite	OUI	OUI	OUI	OUI	OUI	OUI	OUI	NO	
Legisway	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
LexisNexis	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Linkfluence	NO	NO	NO	NO	NO	NO	NO	NO	
ListFrance(cf.MegalInternational)									

ÉDITEUR	PANORAMA 2018		PANORAMA 2019		PANORAMA 2020		PANORAMA 2021		STATUS 2021
	Consulté	Réponse	Consulté	Réponse	Consulté	Réponse	Consulté	Réponse	
Lockpath					OUI	NO	OUI	NO	
LogicGate			OUI	NO	OUI	NO	OUI	NO	
LogicManager	OUI	OUI	OUI	OUI	OUI	OUI	OUI	NO	
MAAT	OUI	OUI	OUI	OUI	OUI	OUI	OUI	NO	
Mageri	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Maptycs					OUI	OUI	OUI	OUI	
MarshClearSight	OUI	OUI	OUI	NO	OUI	NO	OUI	NO	
MeetRisk							OUI	OUI	Entering
Mega International	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Methodware(cf.WynyardGroup)									
MetricStream	OUI	OUI	OUI	NO	OUI	OUI	OUI	NO	
Mitratch (avec CMO compliance)			OUI	NO	OUI	NO	OUI	NO	
Mkinsight	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Modulo	NO	NO	NO	NO	NO	NO	NO	NO	
Movaris(cf.Trintech)									
MSDPConsulting	NO	NO	NO	NO	NO	NO	NO	NO	
My Risk Committee							OUI	OUI	Entering
NavexGlobal			OUI	NO	OUI	NO	OUI	NO	
ngCompliance							OUI	OUI	
Novasecur	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Noweco	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
NTTData	OUI	OUI	OUI	NO	NO	NO	NO	NO	
OpenPages(cf.IBM)									
Optimiso	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Optirisk	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Optivvia	OUI	NO	OUI	NO	NO	NO	NO	NO	
OracleFrance	OUI	NO	OUI	NO	NO	NO	NO	NO	
Origami					OUI	NO	OUI	NO	
Overmind	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Oxand	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
OxialGroup	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Palisade	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Pentana(cf.Ideagen)									
Prevaleas					OUI	OUI	OUI	NO	
ProcessGene	OUI	OUI	OUI	NO	OUI	NO	OUI	NO	
Prodentia	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
ProteusCyber	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Protiviti	OUI	NO	OUI	OUI	OUI	OUI	OUI	NO	
Qualitadd					OUI	NO	OUI	OUI	Entering
Qumas	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
RefinitivRISK	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Resolver	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
RiskDecisions	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Risk2Reputation	OUI	NO	OUI	NO	NO	NO	NO	NO	
Riskeeper	OUI	OUI	OUI	NO	OUI	NO	OUI	NO	

ÉDITEUR	PANORAMA 2018		PANORAMA 2019		PANORAMA 2020		PANORAMA 2021		STATUS 2021
	Consulté	Réponse	Consulté	Réponse	Consulté	Réponse	Consulté	Réponse	
RiskHive Software Solutions Limited							OUI	OUI	Entering
RiskID							OUI	OUI	Entering
Risk'nTic					OUI	OUI	OUI	OUI	
Riskconnect	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
RiskWatch					OUI	NO	OUI	NO	
RivoSoftware	OUI	NO	OUI	NO	NO	NO	NO	NO	
RMsoft(cf.Covelys)									
ROKSolution	OUI	OUI	OUI	NO	OUI	OUI	OUI	OUI	
RSA Archer					OUI	OUI	OUI	OUI	
RSAM	OUI	NO	OUI	NO	NO	NO	NO	NO	
RuleBurst(cf.Oracle)									
SAIGlobal	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
SAPFrance	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
SASFrance	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
SchleupenAG	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
SecondFloor									
SecondFloorBV	OUI	OUI	OUI	NO	OUI	NO	OUI	NO	
ServiceNow	OUI	OUI	OUI	NO	OUI	OUI	OUI	OUI	
SiaciSaintHonoré	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
SideTrade	OUI	OUI	OUI	NO	OUI	NO	OUI	NO	
Signavio					OUI	NO	OUI	NO	
Sindup			OUI	NO	OUI	OUI	OUI	OUI	
SoftwareAG	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Sphera			OUI	NO	OUI	NO	OUI	NO	
Spotter(cf.Akio)					NO	NO	NO	NO	
StrategicThoughtGroup (cf.SwordActiveRisk)									
SwordActiveRisk	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
TCISAS	NO	NO	NO	NO	NO	NO	NO	NO	
TeamMate-WoltersKluwer	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Telelogic(cf.IBM)									
Tenable	OUI	NO	OUI	NO	NO	NO	NO	NO	
TerrimetricsSAS					OUI	OUI	OUI	NO	
Théorème	OUI	OUI	OUI	OUI	OUI	OUI	OUI	NO	
TinubuSquare	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
TowersWatson	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Trintech	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
VentivTechnology	OUI	OUI	OUI	OUI	OUI	OUI	OUI	OUI	
Verspieren		OUI	NO	OUI	NO	NO	NO	NO	
Viclarly	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
VirtueSpark					OUI	OUI	OUI	OUI	
VoseSoftware			OUI	OUI	OUI	OUI	OUI	NO	
WoltersKluwer(TeamMate)							OUI	NO	
Workiva					OUI	OUI	OUI	OUI	
WynyardGroup	OUI	NO	OUI	NO	OUI	NO	OUI	NO	
Xactium	OUI	OUI	OUI	NO	OUI	OUI	OUI	NO	

You are a RMIS software vendor and would you like to be consulted for the next edition of the RMIS Panorama?

You just need to contact AMRAE in order to take part to the next campaign.

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About AMRAE:

The *Association pour le Management des Risques et des Assurances de l'Entreprise* (The Association for Corporate Risk and Insurance Management) comprises more than 1,300 members from 750 French public and private sector firms.

One of the association's objectives is to develop a Risk Management "culture" within organizations and to assist members in their relationships with insurance market actors and public authorities. The association advises members on risk assessment, funding control and insurance spending. In order to answer professional training expectations of its members, who legitimately look to the association for support, its entity called AMRAE Formation provides high-level, certified and graduate formation.

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