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KuppingerCole Report
LEADERSHIP COMPASS

By Martin Kuppinger
May 14, 2020

Access Control Tools for SAP Environments

This report provides an overview of the market for Access Control Tools for SAP Environments and provides you with a compass to help you to find the solution that best meets your needs. We examine the market segment, vendor service functionality, relative market share, and innovative approaches to providing solutions that increase security in SAP Environments by restricting access, controlling break-glass access, and related capabilities.

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Content

1 Introduction

For many enterprises, SAP systems are an essential part of the backbone of their corporate IT infrastructure. Critical business information is stored within ERP systems, and the golden source for employee data might still be the SAP HR system. Business processes are implemented through portal solutions relying on SAP infrastructure, data is held in SAP HANA, the migration to S/4HANA is ongoing, and highly individualized functionality is coded right into the existing standard SAP modules by using ABAP or Java.

Although there are many other systems in place, which contain critical information as well, many businesses still rely on the availability of well-designed and well-protected SAP Systems. Traditionally, SAP systems are major focus area for internal and external auditors. For the successful implementation of adequate controls, it is essential that all existing SAP systems are covered by an effective solution for managing risks, and within that for managing access control and SoD controls and implementing adequate Access Governance.

On the other hand, with the overall shift to the cloud, more and more of critical business systems shift to the cloud, either to solutions provided by SAP such as SuccessFactors or Ariba, or to other vendors' solutions. Thus, the scope for centralized access controls is expanding beyond the traditional ABAP systems, and even beyond SAP. The requirements for solutions are expanding, either by supporting a broader range of systems or by delivering adequate integration points with other solutions covering e.g. SaaS applications.

1.1 Market Segment

In this KuppingerCole Leadership Compass, we analyze solutions that support managing access controls specifically for SAP environments, but beyond the SAP Business Suite. The main focus is on delivering the depth for implementing management and controls in these environments. However, with the changing landscape of business applications, broader support for implementing controls across all critical business systems becomes also focus of our evaluation.

Thus, the segment is expanding in two directions:

- Breadth of supported environments, i.e. SAP Business Suite, SAP HANA and S/4HANA, and business applications that are provided as SaaS applications (Software as a Service) by SAP and others, with a specific focus on the SAP-provided solutions.
- Breadth of capabilities, beyond just identifying critical entitlements and SoD violations to a broader scope of mitigating access-related risks in such environments.

Furthermore, deployment models for both the managed services and the solutions are changing, with more SaaS services to manage, and deployment in different ways – as ABAP solution, with SAP Fiori user interface, or separately from SAP as web applications or even as cloud services.

The core of functionality remains in the management of access controls including critical entitlements and SoD conflicts in SAP environments. However, solutions frequently also cover additional features such as break-glass access management (firefighter, emergency access), user lifecyclce management, role optimization, and more.

The solutions span from solutions targeted at read-only analysis for audits to comprehensive suites covering a broad range of capabilities around access control and security for SAP environments.

1.2 Delivery models

We did not restrict our analysis in this Leadership Compass regarding the delivery models. While most solutions still run within the SAP environment or as separate on premises application, some vendors already provide managed service models and cloud services.

Generally speaking, our focus in rating is on a maximum flexibility for customers. There are advantages and disadvantages of all approaches. A full integration as ABAP solution is great for supporting the traditional SAP environments, but comes to its limits regarding new types of solutions. Also, the user interface still might be favored by experienced SAP users.

Fiori as user interface is something many others that are familiar with SAP environments might prefer, while others might prefer other web UIs, not limited to the Fiori UX (user experience) paradigms.

Solutions that run separately from SAP environments are better suited for supporting SaaS services and applications beyond SAP solutions. Some of these also excel in user experience, based on modern UIs with high usability.

It depends on the current and future scope of applications to manage, and on the features in focus, which of the various delivery models is best suited for whom. However, the tendency appears clear: Away from traditional ABAP, towards modern user experience, supporting the increasingly heterogeneous business application infrastructure.

1.3 Required capabilities

Due to the variety of capabilities provided by the solutions that are currently offered, but also with respect to the changing environments, there is a broad set of capabilities we are looking for, split into baseline capabilities and advanced capabilities. The baseline capabilities dominate the rating, with other capabilities adding to this.

The exception is broad support for systems, beyond the traditional SAP Business Suite, which is

rated high, given the fact that we see increasing demand and strategic changes in the way business system environments look like.

Baseline capabilities we are looking for:

- Analysis of the current status of entitlements/roles at all levels, from transactions to business roles, including Access Risk Analysis
- Role and entitlement management
- Access management, i.e. assignment of entitlements (Access Management)
- SAP super-user management
- Identity Lifecycle Management for the target applications, i.e. creating and managing accounts (User Management)
- SAP Firefighter capabilities
- SoD controls management, check, and enforcement
- Central Reporting and Dashboarding
- Access Review support

Advanced capabilities we are interested in seeing as part of these products:

- Support for hybrid deployment models or pure SaaS deployment
- Automated role optimization
- Support for non-ABAP systems
- Support for SAP cloud solutions such as SAP Hybris, SAP Customer Cloud, Concur, Ariba, SuccessFactors, etc.
- Support for non-SAP business applications, both on premises and SaaS
- Go-Life support for SAP systems with focus on entitlements, i.e. transferring entitlements
- Password Self Service and Single Sign-On
- Integration capabilities to cross-plattform IGA solutions (covering non SAP-systems for both Identity Lifecycle Management and Access Governance)
- Auditor support and run-time execution for audits
- Support for specifics of platforms such as SAP BI, S/4HANA, and SAP HANA In Memory Database

Inclusion criteria:

- Solutions covering all or most of the baseline capabilities

- All deployment models – solutions can run on premises as ABAP applications, on premises in other models, hybrid, or as SaaS applications

Exclusion criteria:

- Solutions that only cover singular baseline capabilities such as Firefighter access only
- Solutions that are targeted on read-only analysis of entitlements and risk analysis for auditors, but don't support active management of users and entitlements
- Solutions that don't support the entire depth of entitlement/roles at all levels, i.e. solutions that e.g. only can assign users to SAP business roles but can't manage entitlements of such roles

We've reached out to a large number of vendors for providing a comprehensive overview of the current state of the market. Picking the right vendor finally always will depend on your specific requirements and your current and future landscape that must be managed.

2 Leadership

Selecting a vendor of a product or service must not only be based on the information provided in a KuppingerCole Leadership Compass. The Leadership Compass provides a comparison based on standardized criteria and can help identifying vendors that shall be further evaluated. However, a thorough selection includes a subsequent detailed analysis and a Proof of Concept of pilot phase, based on the specific criteria of the customer.

Based on our rating, we created the various Leadership ratings. The Overall Leadership rating provides a combined view of the ratings for

- Product Leadership
- Innovation Leadership
- Market Leadership
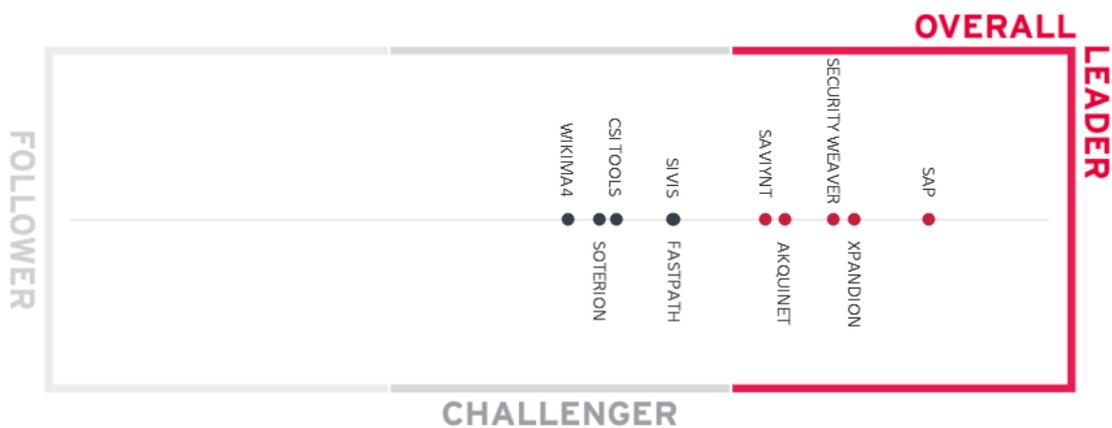
Figure 1: The Overall Leadership rating for the Access Control Tools for SAP environments market segment

In the Overall Leadership rating, we see SAP clearly ahead of its competition. This is due to the good position of SAP in Product Leadership, but specifically influenced of SAP being the clear Market Leader for this segment.

However, there are multiple other vendors making it into the Overall Leader's segment for Access Control Tools for SAP environments. There include Xpandion, and closely following them, Security Weaver, Akquinet, and Saviynt. These four companies represent an interesting mix of options. While Xpandion and Saviynt put their focus on delivering strong support for SAP while also supporting a range of other business applications, both Security Weaver and Akquinet come with very tight integration and focus on traditional SAP environments, but excel in the depth of capabilities they provide. This shows how important a detailed analysis of the offerings in this

market segment is, depending on both the required breadth of capabilities (beyond traditional SAP), and in depth (specifically for traditional SAP environments).

In the Challenger's segment, we find the other vendors. The first group encompasses two vendors, Fastpath and SIVIS, which are ranked head-to-head. A little apart, we find CSI Tools, Soterion, and Wikima4, which are all still small and specialized vendors, but all of these showing their specific strengths and being potential options to SAP itself and the other vendors in that market.

Overall Leaders are (in alphabetical order):

- Akquinet
- SAP
- Saviynt
- Security Weaver
- Xpandion

Product Leadership is the first specific category examined below. This view is mainly based on the analysis of service features and the overall capabilities of the various services.
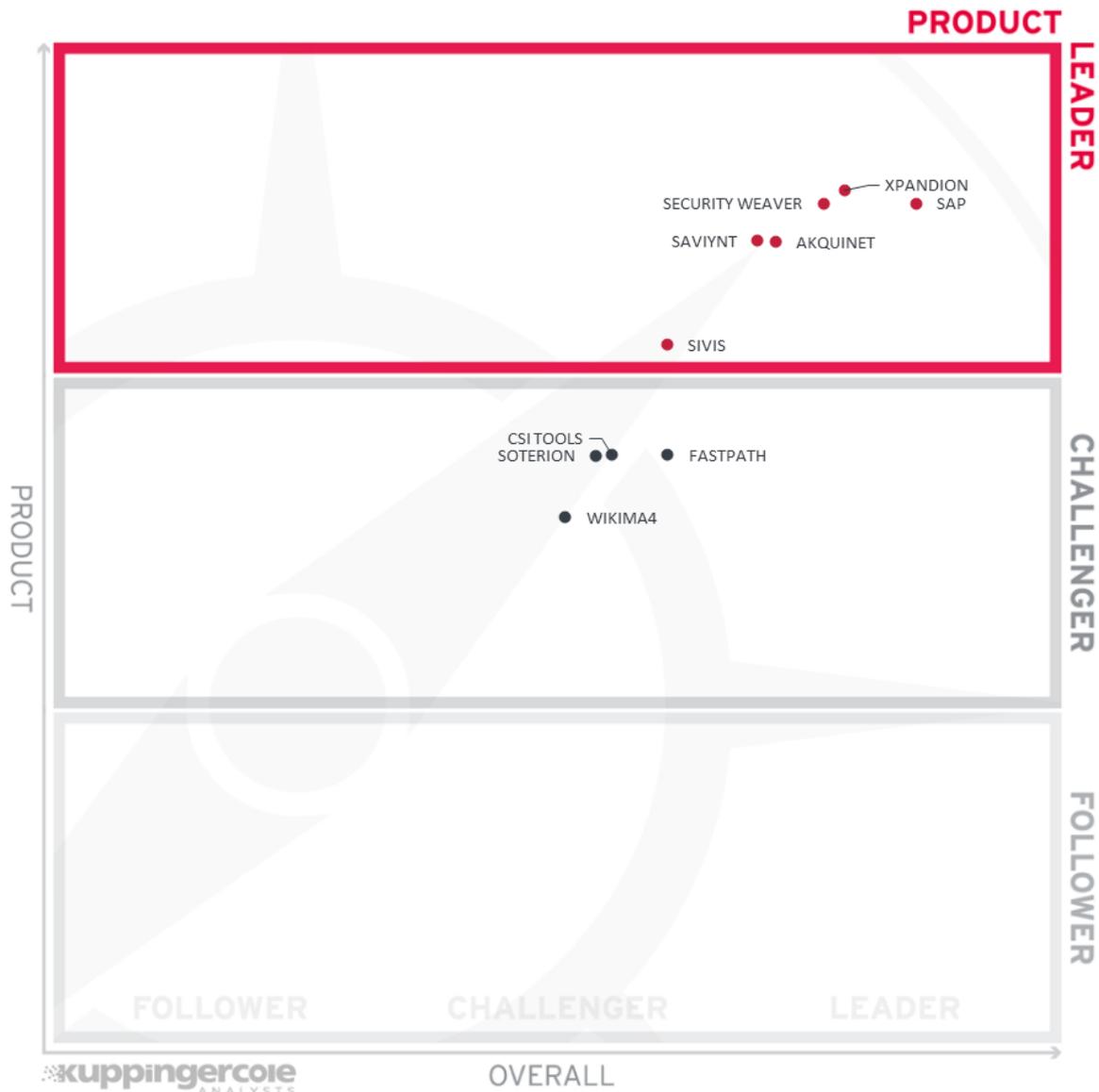
Figure 2: Product Leaders in the Access Control Tools for SAP environments market segment

Product Leadership is where we examine the functional strength and completeness of services. When looking at the Product Leaders, we find three vendors being rated head-to-head slightly ahead of other vendors. Xpandion, SAP, and Security Weaver take these positions, with their broad set of capabilities, but with somewhat different focus. SAP builds on a combination of solutions providing both deep integration into traditional SAP environments and delivering support for SAP SaaS solutions, while Security Weaver comes with strong support for traditional SAP environments, and Xpandion has its strength in a broad support of business applications beyond SAP.

Following these two, we find cloud-native Saviynt, with an IGA (Identity Governance and Administration) solution that also comes with strong GRC capabilities for SAP environments, and SAP-native Akquinet, which excels with its depth of support for SAP environments.

One other vendor also became rated amongst the Product Leaders. SIVIS provides strong enough capabilities to enter this segment of our rating.

The other four vendors achieve good ratings in the Challenger's segment, indicating that they are strong alternatives to the established solutions. The Challenger's segment finds, in alphabetical order, CSI Tools, Fastpath, Soterion, and Wikima4. We strongly recommend also evaluating these vendors, given that all four of them have their uniqueness and specific strength.

Product Leaders (in alphabetical order):

- Akquinet
- SAP
- Saviynt
- Security Weaver
- SIVIS
- Xpandion

Next, we examine **innovation** in the marketplace. Innovation is, from our perspective, a key capability in all IT market segments. Customers require innovation to meet evolving and even emerging business requirements. Innovation is not about delivering a constant flow of new releases. Rather, innovative companies take a customer-oriented upgrade approach, delivering customer-requested and other cutting-edge features, while maintaining compatibility with previous versions.
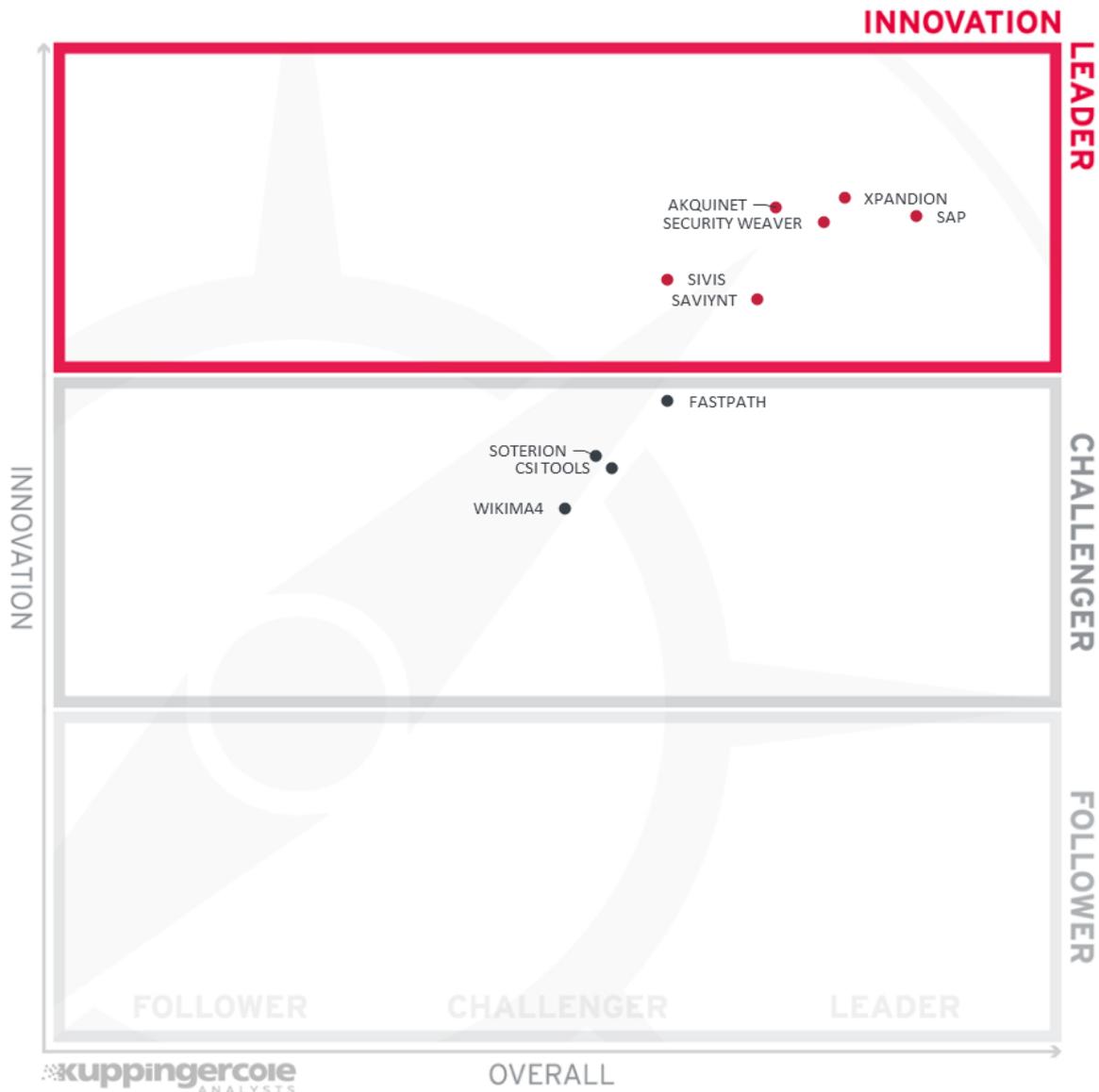
Figure 3: Innovation Leaders in the Access Control Tools for SAP environments market segment

For innovation, both innovative capabilities for traditional SAP environments and support for SaaS applications and heterogenous business software infrastructures are relevant. Thus, we find both vendors targeting at depth in SAP environments and vendors focusing on breadth across business applications in that segment.

In the Leader's segment, we find Xpandion and Akquinet head-to-head with SAP and Security Weaver, with all vendors demonstrating innovation. Other vendors in this segment include SIVISSecurity Weaver and Saviynt, which all come with good innovations.

In the Challenger's section, we see a couple more vendors, with Fastpath being very close to

becoming a Leader, specifically due to their outstanding support for heterogeneous environments. Vendors following them are – in alphabetical order – CSI Tools, Wikima4, and Soterion adding to the Challenger's segment. Of these vendors, Soterion excels with a modern and innovative user interface.

Innovation Leaders (in alphabetical order):

- Akquinet
- SAP
- Saviynt
- Security Weaver
- SIVIS
- Xpandion

Lastly, we analyze **Market** Leadership. This is an amalgamation of the number of customers, number of transactions evaluated, ratio between customers and managed identities/devices, the geographic distribution of customers, the size of deployments and services, the size and geographic distribution of the partner ecosystem, and financial health of the participating companies. Market Leadership, from our point of view, requires global reach.
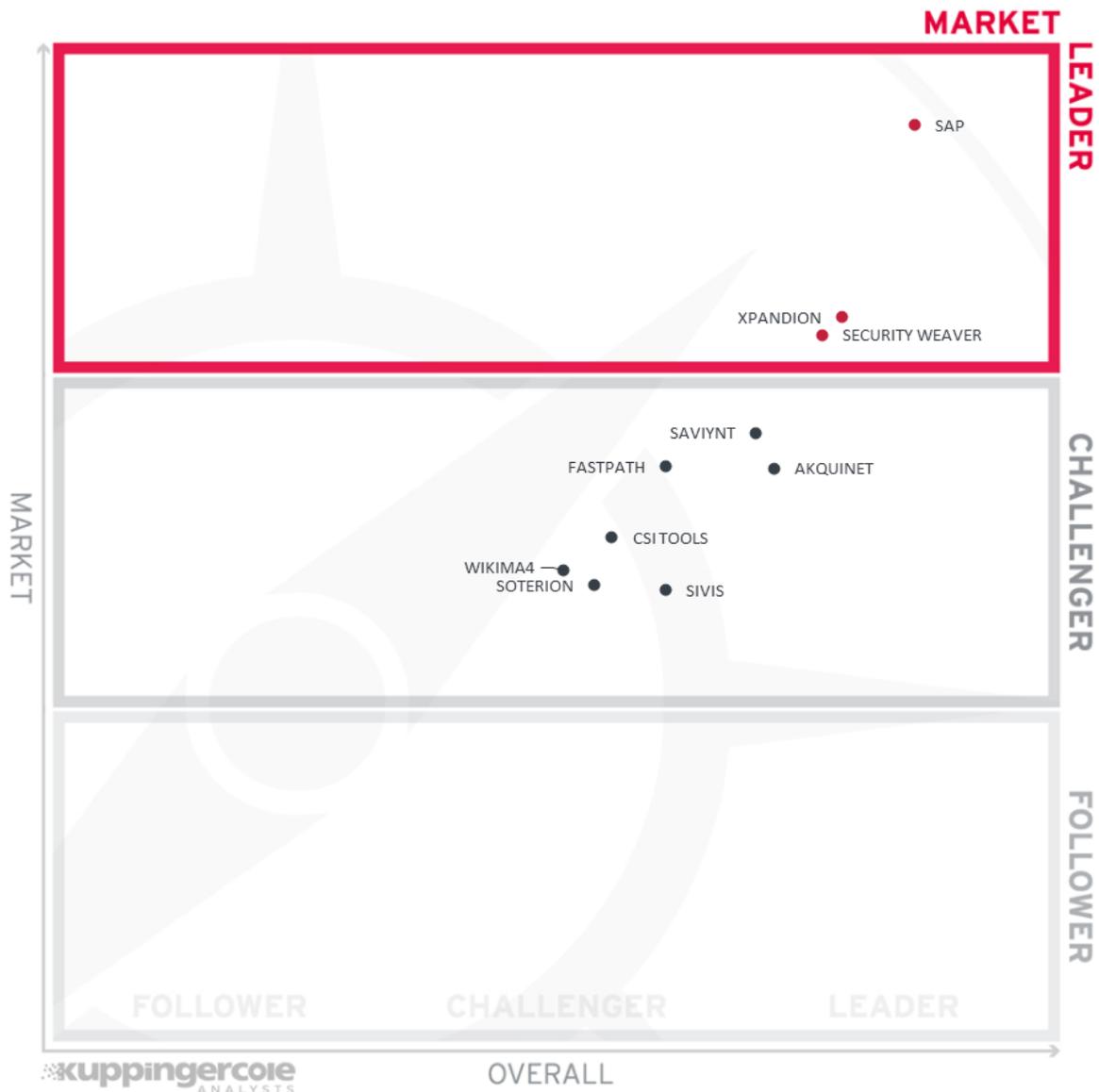
Figure 4: Market Leaders in the Access Control Tools for SAP environments market segment

It is not surprising to see SAP taking the clear lead in this segment, serving far more customers than any of the other vendors in this market segment. Xpandion just makes it into the Leader's segment, despite their rather small partner ecosystem. However, they are amongst the few vendors in this market demonstrating more than regional presence plus a significant number of customers. Close to them, we also find Security Weaver, with strong global partnerships and large customers.

Most other vendors are either still very small or only have a regional presence yet. They all are in the Challenger's segment, which includes (in alphabetical order) Akquinet, CSI Tools, Fastpath,

Saviynt, Soterion, and Wikima4. We expect some of these vendors growing over the next 12-18 months, with the expected changes in the market segment such as a growing demand for supporting heterogeneous business applications and SaaS services. Saviynt is, from size, an exception, having a significant number of customers and a global ecosystem. However, their SAP access control business is only part of their overall IGA business, thus not scoring that high in this particular market segment.

Market Leaders (in alphabetical order):

- SAP
- Security Weaver
- Xpandion

3 Correlated View

While the Leadership charts identify leading vendors in certain categories, many customers are looking not only for a product leader, but for a vendor that is delivering a solution that is both feature-rich and continuously improved, which would be indicated by a strong position in both the Product Leadership ranking and the Innovation Leadership ranking. Therefore, we provide the following analysis that correlates various Leadership categories and delivers an additional level of information and insight. These allow identifying, for instance, highly innovative but specialized vendors or local players that provide strong product features but do not have a global presence and large customer base yet.

3.1 The Market/Product Matrix

The first of these correlated views contrasts Product Leadership and Market Leadership.

MARKET CHAMPIONS

- SAP
- XPANDION
- SECURITY WEAVER
- SAVIYNT
- AKQUINET
- FASTPATH
- CSI TOOLS
- WIKIMA4
- SOTERION
- SIVIS

MARKET

PRODUCT

kuppingercoie
ANALYSTS
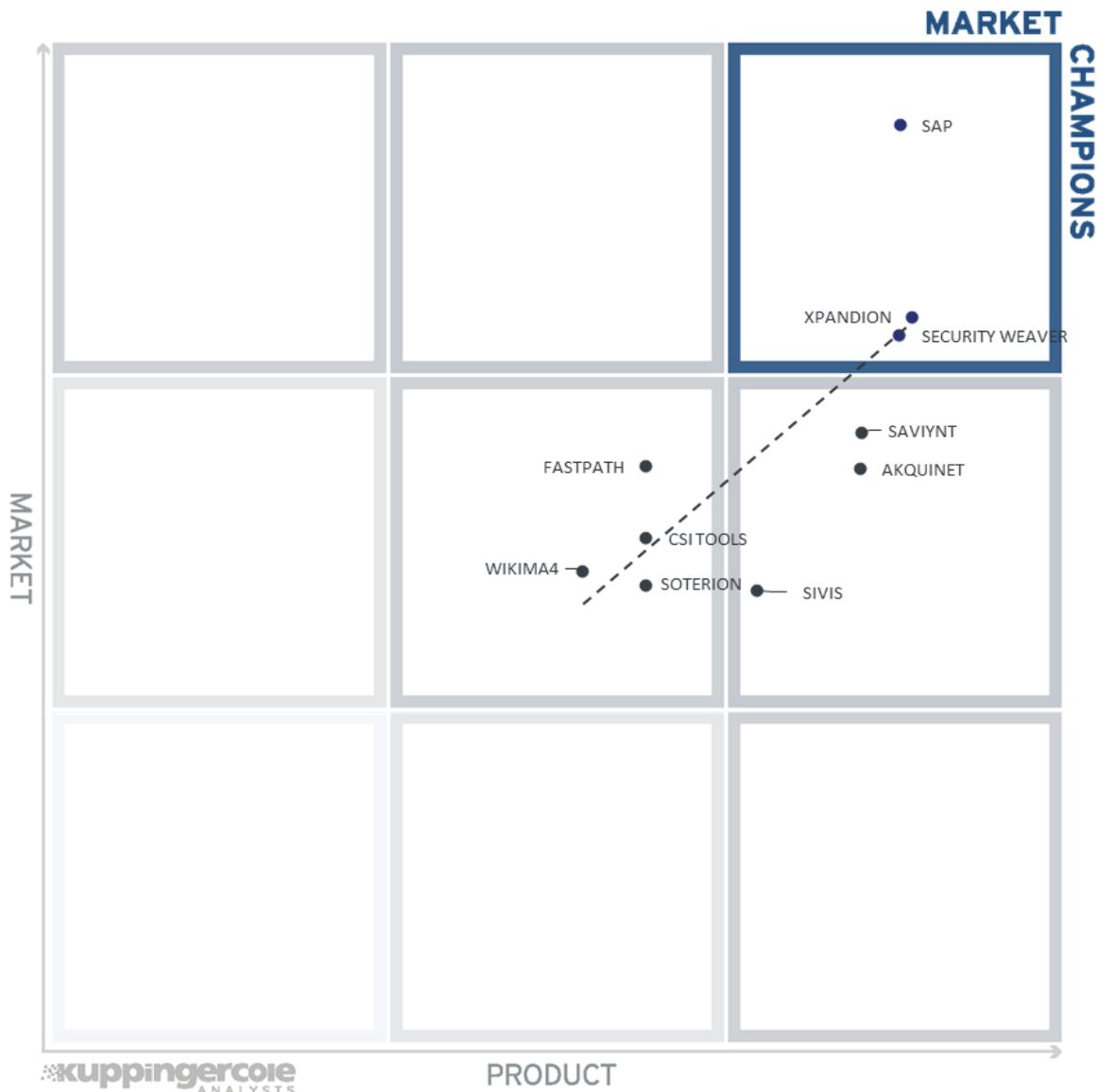
Figure 5: The Market/Product Matrix. Vendors

Vendors below the line have a weaker market position than expected according to their product maturity. Vendors above the line are sort of "overperformers" when comparing Market Leadership and Product Leadership.

SAP is way ahead of the other vendors, with strong ratings in both Product Leadership and Market Leadership. Xpandion is one of two other vendors entering the segment in the upper right corner, which is due to the few vendors being rated as Market Leaders. The other one is Security Weaver. As mentioned already, the fact that vendors are more closely aligned in Product Leadership also means that there are several smaller vendors delivering strong products, which might be

considered good alternatives to SAP Access Control. Thus, picking a vendor – as for other market segments – requires careful analysis of customer requirements and vendors.

In the segment to the right of the middle layer, we find the other Product Leaders, which in most cases are either vendors with a regional focus such as Akquinet, or still relatively small vendors. Aside of Akquinet, we see Saviynt and SIVIS here. Saviynt is relatively large compared to the other vendors, but benefits from its coverage of a far broader market segment than just access control solutions for SAP environments.

All other vendors are located in the segment at the center, including CSI Tools, Fastpath, Soterion, and Wikima4. These are specialized vendors, but all offering solutions that are considered being a challenger to the other vendors.

All the vendors below the line are underperforming in terms of market share. However, we believe that each has a chance for significant growth.

3.2 The Product/Innovation Matrix

This view shows how Product Leadership and Innovation Leadership are correlated. It is not surprising that there is a pretty good correlation between the two views with a few exceptions. The distribution and correlation are tightly constrained to the line, with a significant number of established vendors plus some smaller vendors.
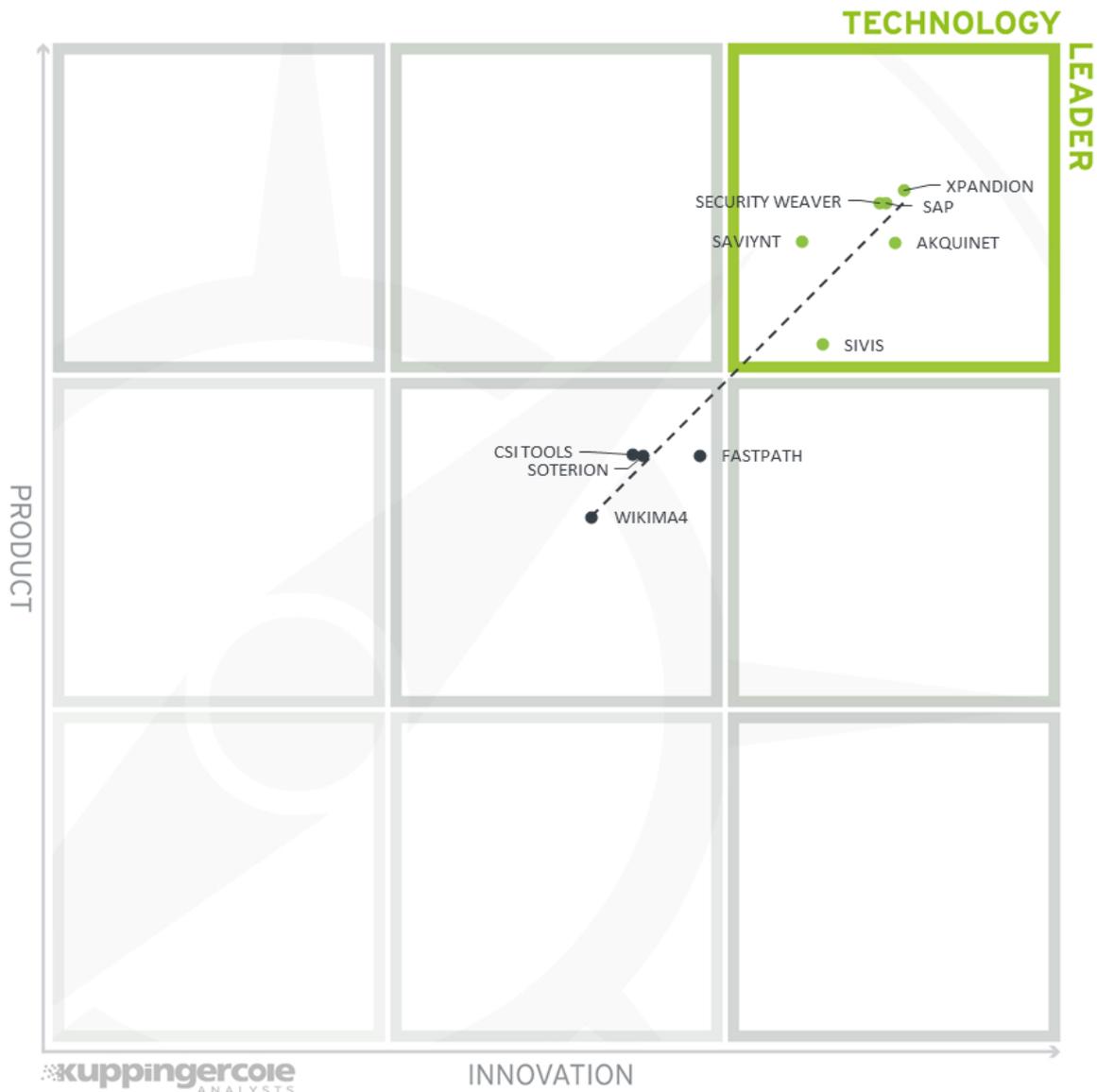
Figure 6: The Product/Innovation Matrix.

Vendors below the line are more innovative, vendors above the line are, compared to the current Product Leadership positioning, less innovative.

This graphic shows a fairly different picture, because many of the vendors in the market are strong in both the innovation and the product rating. In the upper right corner, we thus find six vendors, including (in alphabetical order) Akquinet, SAP, Saviynt, Security Weaver, SIVIS, and Xpandion. All of these provide both innovative and feature-rich offerings, while having frequently very different approaches on solving the challenges in this market segment.

In the box at the center, we again find the smaller and specialized vendors, providing a good set

of features and innovativeness, but not yet making it into one of the Leader's segment. These include (again in alphabetical order) CSI Tools, Fastpath, Soterion, and Wikima4.

3.3 The Innovation/Market Matrix

The third matrix shows how Innovation Leadership and Market Leadership are related. Some vendors might perform well in the market without being Innovation Leaders. This might impose a risk for their future position in the market, depending on how they improve their Innovation Leadership position. On the other hand, vendors which are highly innovative have a good chance for improving their market position. However, there is always a possibility that they might also fail, especially in the case of smaller vendors.
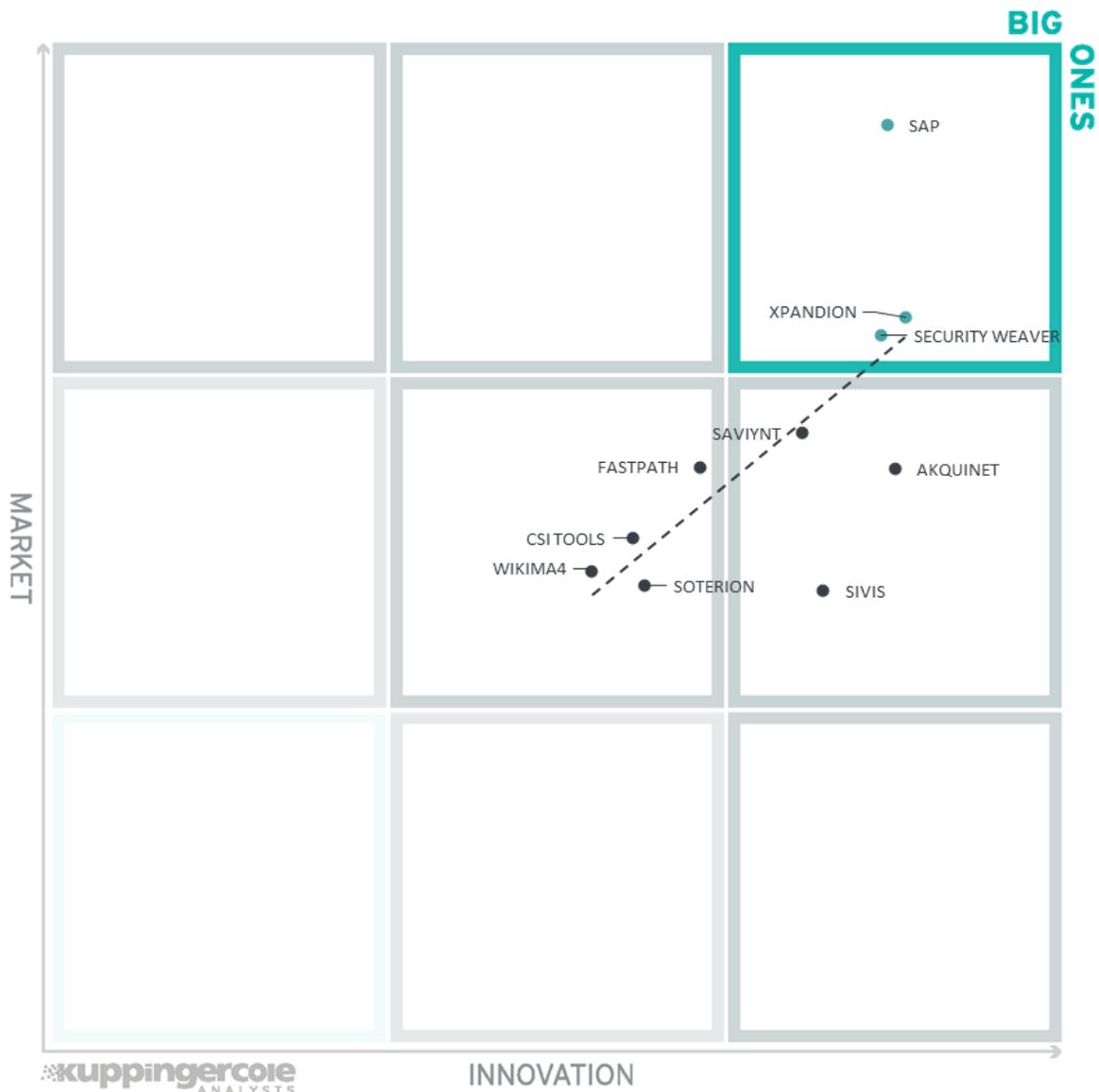
Figure 7: The Innovation/Market Matrix

Vendors below the line are more innovative, vendors above the line are, compared to the current Market Leadership positioning, less innovative.

This graphic shows a strong correlation between the market position and the Innovation Leadership, with most vendors (in alphabetical order) being ranked close to the line, including CSI Tools, Fastpath, Saviynt, Security Weaver, Soterion, Wikima4, and Xpandion.

There are only three exceptions. SAP is far above that line, indicating that they have an excellent market position, while also being amongst the Innovation Leaders. Both Akquinet and SIVIS are below that line, being strong in innovation but not (yet) reflected in a similar market position.

4 Products and Vendors at a glance

This section provides an overview of the various products we have analyzed within this KuppingerCole Leadership Compass on Access Control Tools for SAP Environments. This overview goes into detail on the various aspects we include in our ratings, such as security, overall functionality, etc. It provides a more granular perspective, beyond the Leadership ratings such as Product Leadership, and allows identifying in which areas vendors and their offerings score stronger or weaker. Details on the rating categories and scale are listed in chapter 7.2 to 7.4.

4.1 Ratings at a glance

Based on our evaluation, a comparative overview of the ratings of all the products covered in this document is shown in Table 1.

Product	Security	Functionality	Interoperability	Usability	Deployment
akquinet SAST Suite	strongly positive	positive	positive	strongly positive	positive
CSI Tools Solutions for SAP Access Governance	strongly positive	positive	neutral	positive	positive
Fastpath Assure	positive	positive	strongly positive	positive	positive
SAP Access Control	strongly positive	strongly positive	positive	strongly positive	positive
Saviynt Security Manager	strongly positive	positive	positive	strongly positive	strongly positive
Security Weaver	strongly positive	positive	positive	strongly positive	positive
Sivis Suite	positive	positive	positive	positive	positive
Soterion SAP Access Risk Manager	strongly positive	positive	neutral	strongly positive	positive
wikima4 mesaforte Compiance Suite	positive	neutral	positive	positive	positive
Xpandion ProfileTailor	strongly positive	positive	strongly positive	strongly positive	positive
Legend		● critical	● weak	● neutral	● positive ● strongly positive

In addition, we provide in Table 2 an overview which also contains four additional ratings for the vendor, going beyond the product view provided in the previous section. While the rating for Financial Strength applies to the vendor, the other ratings apply to the product.

Vendor	Innovativeness	Market Position	Financial Strength	Ecosystem
akquinet	strongly positive	neutral	positive	neutral
CSI tools	positive	neutral	neutral	neutral
Fastpath	positive	neutral	positive	positive
SAP	positive	strongly positive	strongly positive	strongly positive
Saviynt	strongly positive	neutral	positive	positive
Security Weaver	positive	positive	positive	positive
Sivis	positive	weak	neutral	neutral
Soterion	positive	weak	neutral	neutral
Wikima4	neutral	weak	positive	neutral
Xpandion	strongly positive	positive	positive	positive
Legend	● critical ● weak ● neutral ● positive ● strongly positive

Table 2 requires some additional explanation regarding the "critical" rating.

In Innovativeness, this rating is applied if vendors provide none or very few of the more advanced features we have been looking for in that analysis, like advanced capabilities beyond baseline Access Risk Analysis & Reporting, and extended support of systems beyond SAP Business Suite.

These ratings are applied for Market Position in the case of vendors which have a very limited visibility outside of regional markets like France or Germany or even within these markets. Usually the number of existing customers is also limited in these cases.

In Financial Strength, this rating applies in case of a lack of information about financial strength or for vendors with a very limited customer base but is also based on some other criteria. This doesn't imply that the vendor is in a critical financial situation; however, the potential for massive investments for quick growth appears to be limited. On the other hand, it's also possible that vendors with better ratings might fail and disappear from the market.

Finally, a critical rating regarding Ecosystem applies to vendors which have no or a very limited ecosystem with respect to numbers and regional presence. That might be company policy, to protect their own consulting and system integration business. However, our strong belief is that growth and successful market entry of companies into a market segment relies on strong partnerships.

5 Product/service evaluation

This section contains a quick rating for every product/service we've included in this KuppingerCole Leadership Compass document. For many of the products there are additional KuppingerCole Product Reports and Executive Views available, providing more detailed information.

Spider graphs

In addition to the ratings for our standard categories such as Product Leadership and Innovation Leadership, we add a spider chart for every vendor we rate, looking at specific capabilities for the market segment researched in the respective Leadership Compass. For the LC Access Control Tools for SAP Environments, we look at the following six categories:

- Support for SAP Business Suite
  This category represents the support for traditional SAP Business Suite environments and the various modules within these environments. We are looking at both breadth and depth of integration.

- Support for SAP Cloud Services
  This category reflects the support for new SAP Cloud Services (SaaS applications) such as SAP SuccessFactors or SAP Ariba. Again, both breadth and depth of integration are affecting this part of our ratings.

- Support for other systems
  This category is looking at the support of systems beyond SAP, i.e. other business applications such as Oracle eBusiness Suite, Salesforce, and others. With the shift to SaaS services, we observe an increase in adoption of such services and more heterogeneous business environments.

- Access Risk Analysis & Reporting
  This is the functional core capability of solutions we've analyzed for this KuppingerCole Leadership Compass. This includes e.g. pre-defined rule and SoD models and the ability for identifying and mitigating SoD conflicts, as well as managing critical entitlements.

- User Access & Role Management
  The capabilities in this area are focused on the ability of users for requesting access, of managers approving that access, and of solutions that help in managing and optimizing roles in the target systems.

- Emergency Access
  Here, we look at specific capabilities for managing emergency access (firefighter, break-glass), e.g. limiting and auditing such access.

- User Lifecycle Management

This axis of the spider graph reflects the strength of solutions in managing the user lifecycle, such as provisioning users to SAP and SaaS services, but also integration with IGA (Identity Governance and Administration) solutions.

- Additional capabilities
Finally, with the functional breadth of many of the solutions we have covered, we also look at additional capabilities such as HR read only access restrictions or SAP license management.

The spider graphs provide comparative information by showing the areas where vendor services are stronger or weaker. Some vendor services may have gaps in certain areas, while are strong in other areas. These kinds of solutions might still be a good fit if only specific features are required. Other solutions deliver strong capabilities across all areas, thus commonly being a better fit for strategic implementations of access control technologies for SAP environments and other business systems.

5.1 akquinet

Akquinet is a German software vendor, consultancy, and managed services provider focused on the SAP market. They have developed their own solution for managing access control and identities, platform security, and security monitoring in SAP environments, providing one of the most comprehensive solutions in this market segment with their SAST suite.

SAST Suite is structured into three areas, Platform Security, Security Intelligence, and Identity and User Access Management. The latter is in scope of our ratings. The platform is tightly integrated with SAP Business Suite and S/4HANA, supporting all current versions. It runs as SAP Add-On.

Within the Identity and User Access Management capabilities, SAST Suite comes with a range of modules for managing authorizations, user access and lifecycles, roles, and superuser (emergency) access. Additional capabilities include support for efficient go-live-management e.g. of updates, and read access monitoring of HCM data.

SAST Suite comes with more than 4,000 automated checks plus additional information, but also a range of rule set for authorizations including role templates. These are based on the long experience of SAST in SAP security consulting. Other capabilities include logging of downloads, incident information, and others.

Akquinet SAST Suite counts amongst the leading solutions in this market segment, offering a broad range of features. However, Akquinet currently primarily targets the german-speaking countries, also having only a small partner network yet. This limits their applicability to customers outside of this region. We recommend Akquinet growing their partner network in other geographies.

| Security	● ● ● ● ●
Functionality	● ● ● ● ○
Interoperability	● ● ● ● ○
Usability	● ● ● ● ●
Deployment	● ● ● ● ○

akquinet

Strengths

- Broad set of capabilities in access control and management of users

- Comprehensive rule sets for many scenarios and use cases

- Integrates with additional security capabilities of the suite

- Based on long-term experience in SAP consultancy

- Significant number of customers

- Available in managed service

Challenges

- Focused on traditional SAP environments and S/4HANA only

- Lack of support for other business systems that are delivered as-a-service

- Very small partner ecosystem and limited geographical reach

Leader in

OVERALL LEADER   PRODUCT LEADER   INNOVATION LEADER   MARKET LEADER

AKQUINET

SUPPORT FOR SAP
BUSINESS SUITE

ADDITIONAL
CAPABILITIES

SUPPORT FOR SAP
CLOUD SERVICES

USER LIFECYCLE
MANAGEMENT

SUPPORT FOR OTHER
SYSTEMS

ERMERGENCY ACCESS

ACCESS RISK
ANALYSIS &
REPORTING

USER ACCESS & ROLE
MANAGEMENT
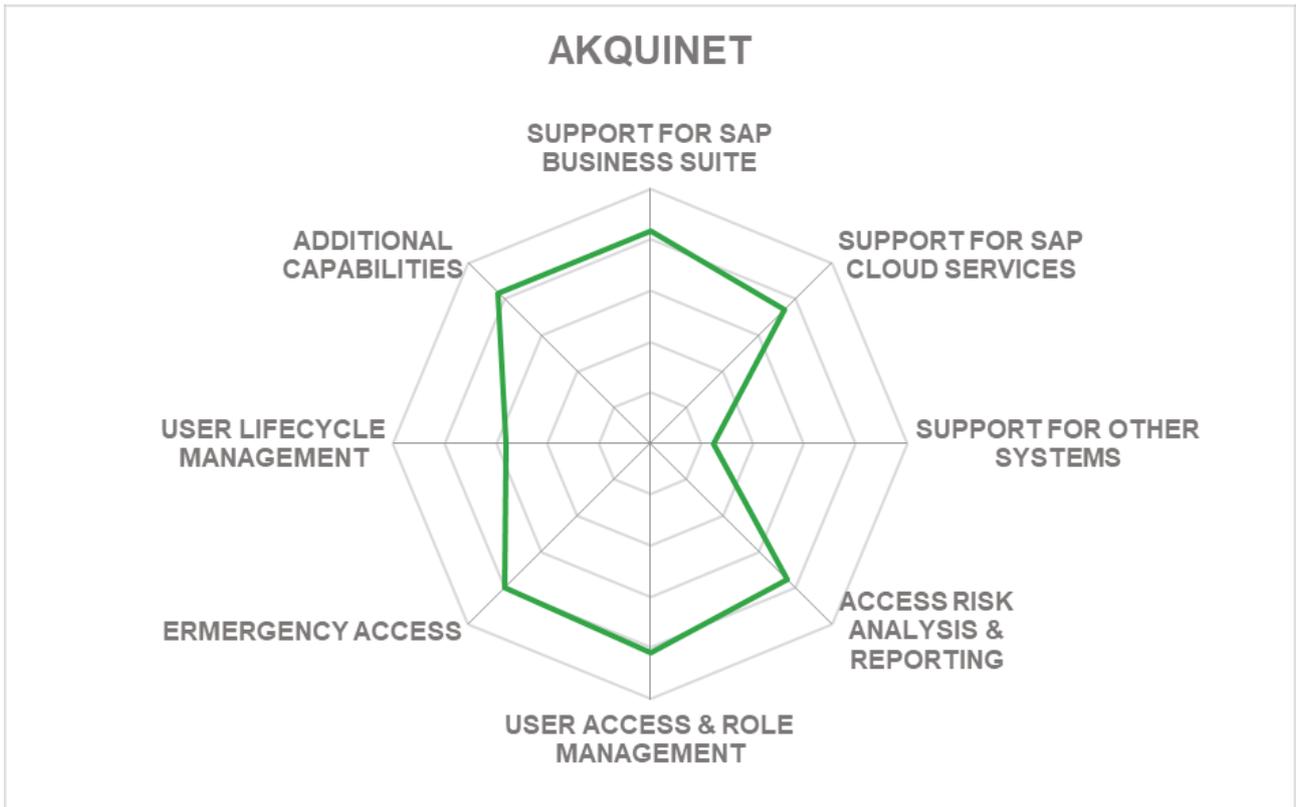
5.2 CSI tools

CSI Tools is a specialized provider of software solutions for access control and audit in SAP environments, based in Belgium. They offer a range of modules for providing access control and governance for SAP environments, targeting SAP Business Suite and S/4HANA. However, the solutions run as external applications on Windows servers.

CSI Tools provides six modules covering the core requirements for access control in SAP environments. CSI Authorization Auditor is the main product, being used for analyzing the current state of authorizations in SAP environments and identifying weaknesses in the authorization concept such as the accumulation of access rights and SoD conflicts.

With CSI Automated Request Engine, there is added support for access request & approval workflows, including SoD checks and fulfillment in the supported SAP systems. This adds to the security by moving from manual fulfillment to automated processes. CSI Role Build & Manage supports the role creation and management process, as well as automated assignments of entitlements e.g. when onboarding large numbers of users.

Further modules support emergency requests, automation, and data extraction from SAP platforms. As mentioned above, CSI Tools works with a separate solution not running within the SAP environment, but interfacing with the SAP environments via the defined APIs.

CSI tools provides a solution for managing access controls and user access in SAP environments that is targeted at the key requirements. It is easy to install and can be quickly used for both audits and continuous management of authorizations in the traditional SAP environments, as well as for S/4HANA. Support for SAP cloud services or other vendor's solution is lacking. CSI Tools has spent significant effort in rearchitecting the solution, now quickly adding further capabilities to the solution. Support for key requirements in access control and specifics of SAP environments is comprehensive.

Security	● ● ● ● ●	
Functionality	● ● ● ● ○	
Interoperability	● ● ● ○ ○	
Usability	● ● ● ● ○	
Deployment	● ● ● ● ○	

CSI
tools

Strengths

• Good support for key capabilities in SAP access control

• Easy-to-use, runs on external systems not within the SAP environment

• Modules allow for picking the required capabilities

• Support audit-only mode where required

• Also supports older versions of SAP systems

• Good capabilities for identifying SoD violations, building rule sets, and roles

Challenges

• Small vendor, but with a significant number of customers

• Still small partner network, focusing on GSA, Benelux, and Latin America but expanding

• No support for cloud services by SAP or other vendors

CSI TOOLS
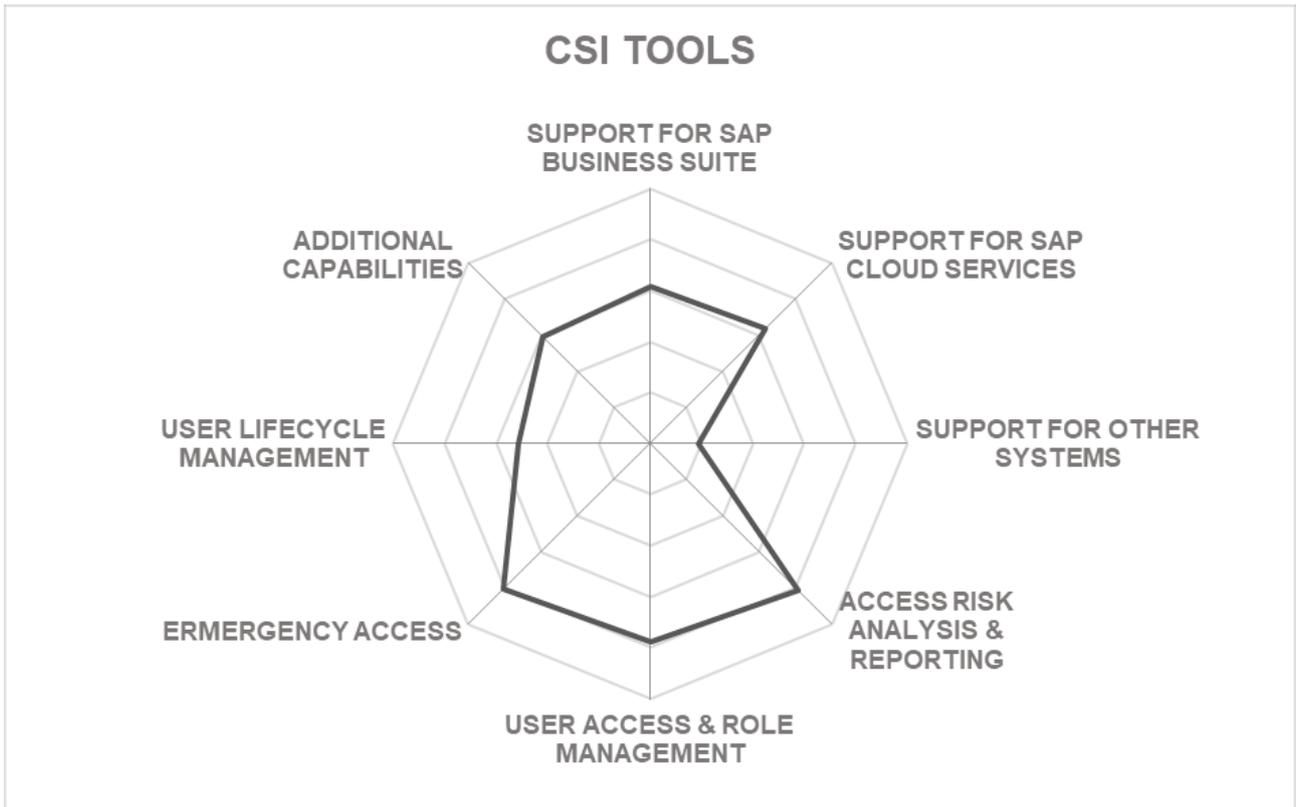
5.3 Fastpath

Fastpath provides a compliance platform that, in contrast to most other offerings in the market, has a core focus on cross‑application capabilities. Within the solutions in this market segment that are covered in this document, Fastpath Assure counts amongst the vendors delivering the broadest support for non‑SAP systems, but also good capabilities for SAP environments.

Fastpath Assure provides a range of features, including access certifications, access approvals, audit analytics, the analysis of SoD conflicts, and user provisioning from Microsoft Active Directory. As indicated, these capabilities are not only available for SAP environments, but for a comprehensive list of business systems, including such as Oracle eBusiness Suite, Salesforce, ServiceNow, Microsoft Dynamics, and many more.

For access control and management within SAP environments, Fastpath Assure comes with a good set of capabilities that cover all common requirements. This includes pre‑defined rule sets for SoD controls for the SAP Business Suite. However, Fastpath Assure does not deliver that elaborated support for SAP specifics as some of the other (SAP‑only) vendors do. Fastpath Assure e.g. lacks support for the common, advanced emergency access requirements that are common in many of the other products.

The solution is provided as a SaaS solution, allowing rapid deployment and easy interoperability with the various business applications that shall be managed.

Fastpath Assure is a solution that reflects the evolution of the market for business software towards a more flexible use of SaaS solutions provided by different vendors. For businesses that run a heterogeneous set of business applications, this solution is well‑suited. However, it also provides a good foundation for SAP‑centric businesses, specifically when these are opening up towards other providers of SaaS solutions.

|	
Security	● ● ● ● ○
Functionality	● ● ● ● ○
Interoperability	● ● ● ● ●
Usability	● ● ● ● ○
Deployment	● ● ● ● ○

FASTPATH

Strengths

- Coverage of a very broad range of both SAP and non-SAP business applications

- Targeted at supporting heterogeneous business software

- Good capabilities for all major features around access request, approval, and review

- Automated user provisioning from Microsoft Active Directory

- Easy-to-use, provided as SaaS solution

- Broad partner ecosystem, specifically in the U.S.

Challenges

- Small partner ecosystem in Europe, primarily targeted at the UK

- While providing good support for SAP environments, some of the specialized capabilities found in other solutions are lacking

- Limited support for emergency access requirements

FASTPATH
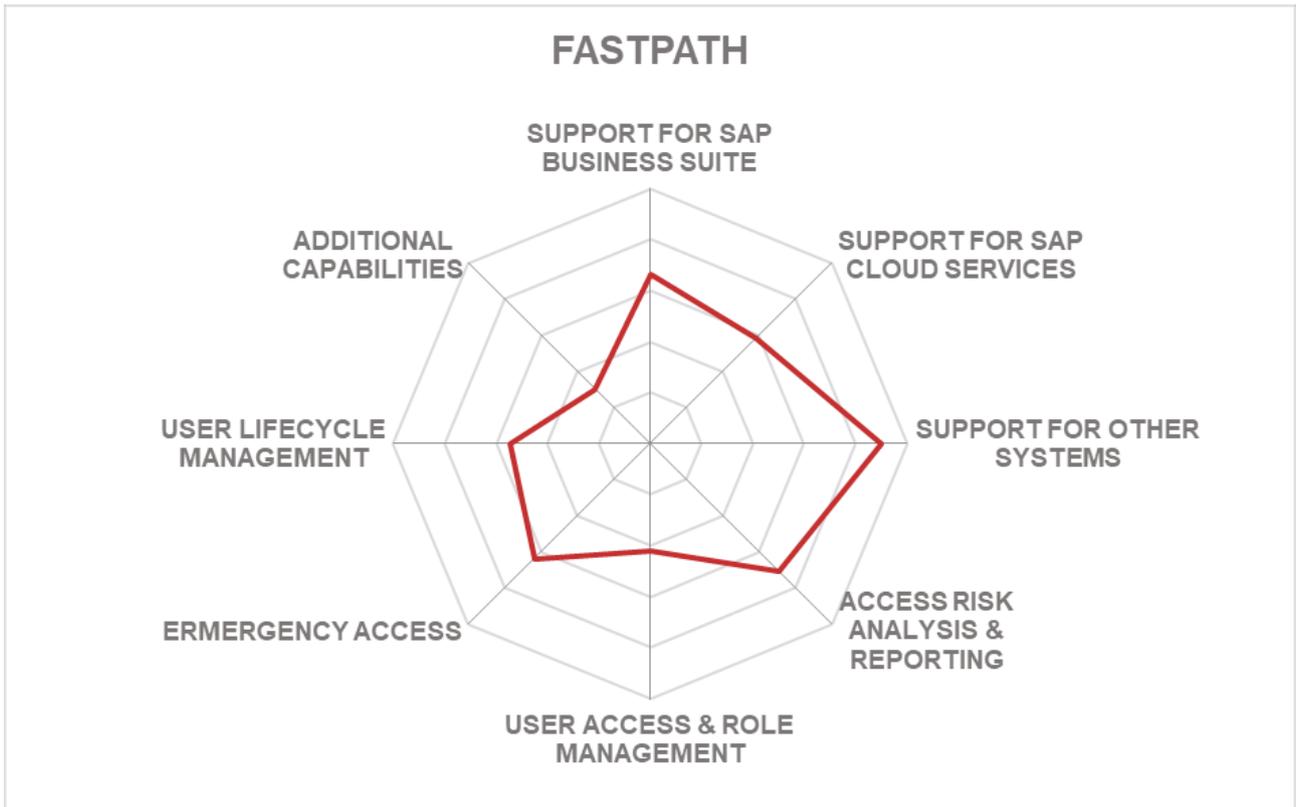
5.4 SAP

SAP Access Control is the market-leading solution in the market for access control solutions for SAP environments – which is not a surprise given that it is SAP's own solution in this market segment. While frequently referred to as SAP GRC, the latter stands for the full set of GRC related solutions provided by SAP, while SAP Access Control is the core solution of what we are analyzing in this report. SAP Access Control is complemented by SAP Cloud Identity Access Governance (IAG), which adds support for other SAP SaaS services.

SAP Access Control comes with strong support for all major features to be expected in that type of solutions. It provides support for managing roles and authorization objects, has strong features in SoD management, and provides proven emergency access/firefighter support.

It integrates with SAP Identity Management for user lifecycle management and with other solutions of the SAP GRC solutions for managing risks. For integration with SAP SaaS solutions such as SuccessFactors, it requires SAP IAG. This might cause the need for upgrading to the latest version of SAP Access Control, which requires customers to operate a mixed environment of SAP solutions.

SAP as the undisputed market leader has the largest partner ecosystem of all vendors in that market segment, providing services in every region globally. This differentiates SAP from many other vendors that are limited to certain regions.

SAP Access Control as the solution provided by SAP itself is a logical option for any shortlist in this market segment. It counts amongst the more heavyweight solutions, specifically due to the need for running it alongside with other SAP solutions or 3rd party vendor solutions when it comes to integration with IGA (Identity Governance & Administration), and to supporting SaaS applications. Furthermore, SAP Access Control lacks own support for non-SAP target systems, which is a limitation for companies that run business software from various vendors in parallel. However, SAP partners with Greenlight Technologies here, and provides a SCIM-based connector via their SAP IAG offering.

| Security | ● ● ● ● ● |
Functionality	● ● ● ● ●
Interoperability	● ● ● ● ○
Usability	● ● ● ● ●
Deployment	● ● ● ● ○

Strengths

- Proven solution with a very large number of customers

- Provided by SAP itself

- Very large partner ecosystem with global reach

- Strong support for all major capabilities of access control solutions for SAP environments

- Well-integrated into the SAP environmentx

Challenges

- Focused only on SAP business software, 3rd party software support by partner

- Requires additional SAP Cloud IAG for supporting SAP SaaS solutions such as SuccessFactors

- Relatively complex solution

Leader in

OVERALL LEADER   PRODUCT LEADER   INNOVATION LEADER   MARKET LEADER

SAP

SUPPORT FOR SAP
BUSINESS SUITE

SUPPORT FOR SAP
CLOUD SERVICES

ADDITIONAL
CAPABILITIES

SUPPORT FOR OTHER
SYSTEMS

USER LIFECYCLE
MANAGEMENT

ACCESS RISK
ANALYSIS &
REPORTING

ERMERGENCY ACCESS

USER ACCESS & ROLE
MANAGEMENT
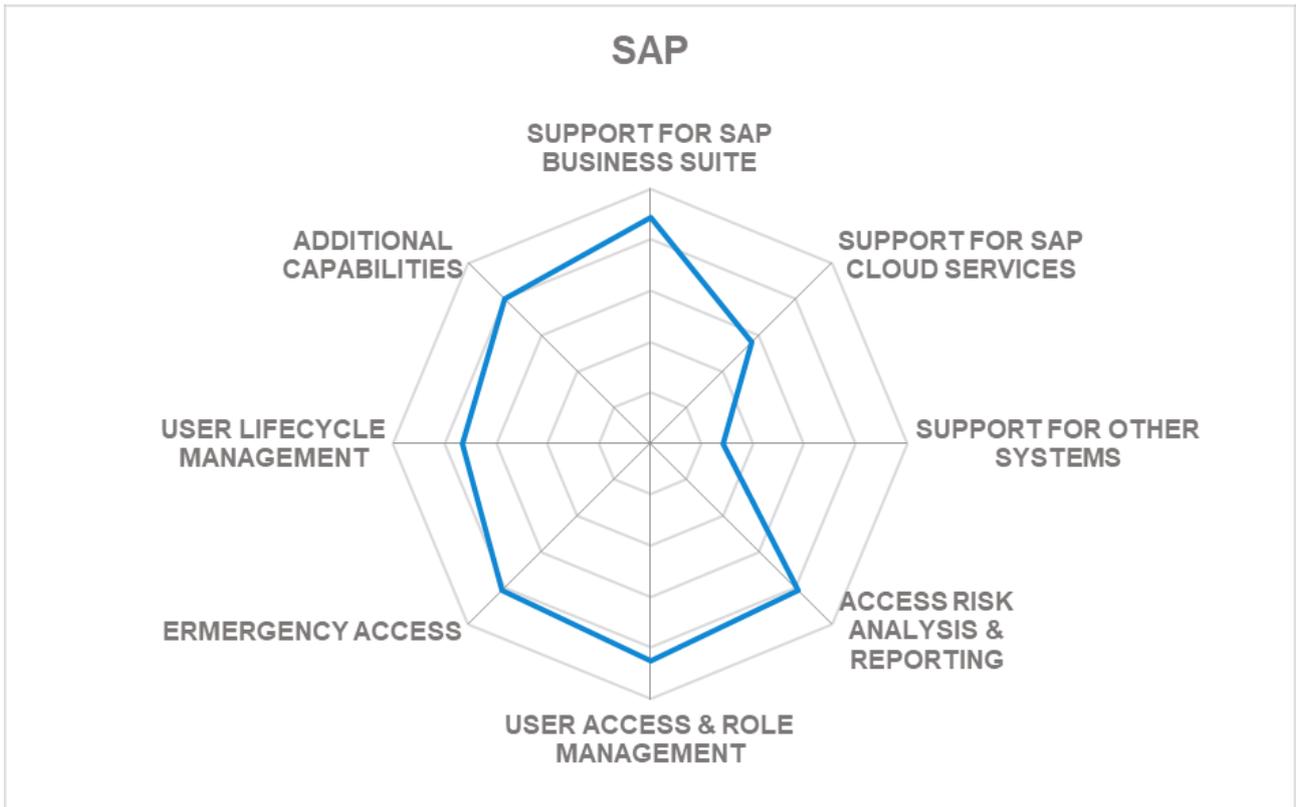
5.5 Saviynt

Saviynt differs from other vendors in this market segment by their focus on delivering security and access governance solutions for a broad variety of systems, including full support for IGA (Identity Governance and Administration). However, they provide also in-depth support for SAP environments, qualifying them for this analysis. Saviynt provides it solutions as SaaS service, but also allows them being run in other deployment models.

As a provider of a solution that supports the full breadth of IGA capabilities, Saviynt supports a broad set of target environments. SAP is only one of these. However, Saviynt comes with deep expertise and integration for SAP environments, provided in their specific Saviynt for SAP solutions.

Features include pre-defined controls for compliance management, role management and role engineering, and other capabilities. Support is provided for all levels of SAP authorizations and access controls down to transaction codes, i.e. not limited to the high-level business role view most other IGA tools provide.

Furthermore, Saviynt comes with some advanced capabilities such as the management of SAP licenses and emergency management capabilities targeted at SAP environments. The latter include comprehensive traceability of firefighter access. However, in contrast to some of the specialized vendors, their support for certain specialized capabilities adding to access control solutions are not their primary focus. Saviynt can address many of these use cases anyway, e.g. via reporting.

Saviynt successfully combines two sets of capabilities. On the one hand, they provide strong support for SAP specifics in access control and management. On the other hand, Saviynt is not limited to SAP environments, but delivers services for a broad range of target systems, plus comprehensive IGA capabilities. This allows to build a central solution for IGA and business software access control.

|	
Security	● ● ● ● ●
Functionality	● ● ● ● ○
Interoperability	● ● ● ● ○
Usability	● ● ● ● ●
Deployment	● ● ● ● ●

Strengths

- Strong support for common features of access control and management for SAP environments

- Supports SAP license management features

- Support for emergency access/firefighter management

- Broad support for other target systems

- Full support for all major IGA capabilities, beyond SAP management

- Good partner ecosystem at global scale

Challenges

- Some specialized add-on capabilities for SAP environments such as HCM read access supported only via reporting, but overall strong SAP specific capabilities

- VC-backed vendor with aggressive growth strategy

- Risk of de-focusing due to fast growth in features

Leader in

OVERALL LEADER   PRODUCT LEADER   INNOVATION LEADER   MARKET LEADER

SAVIYNT

ANALYSTS
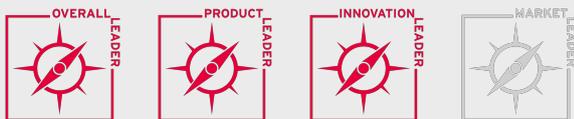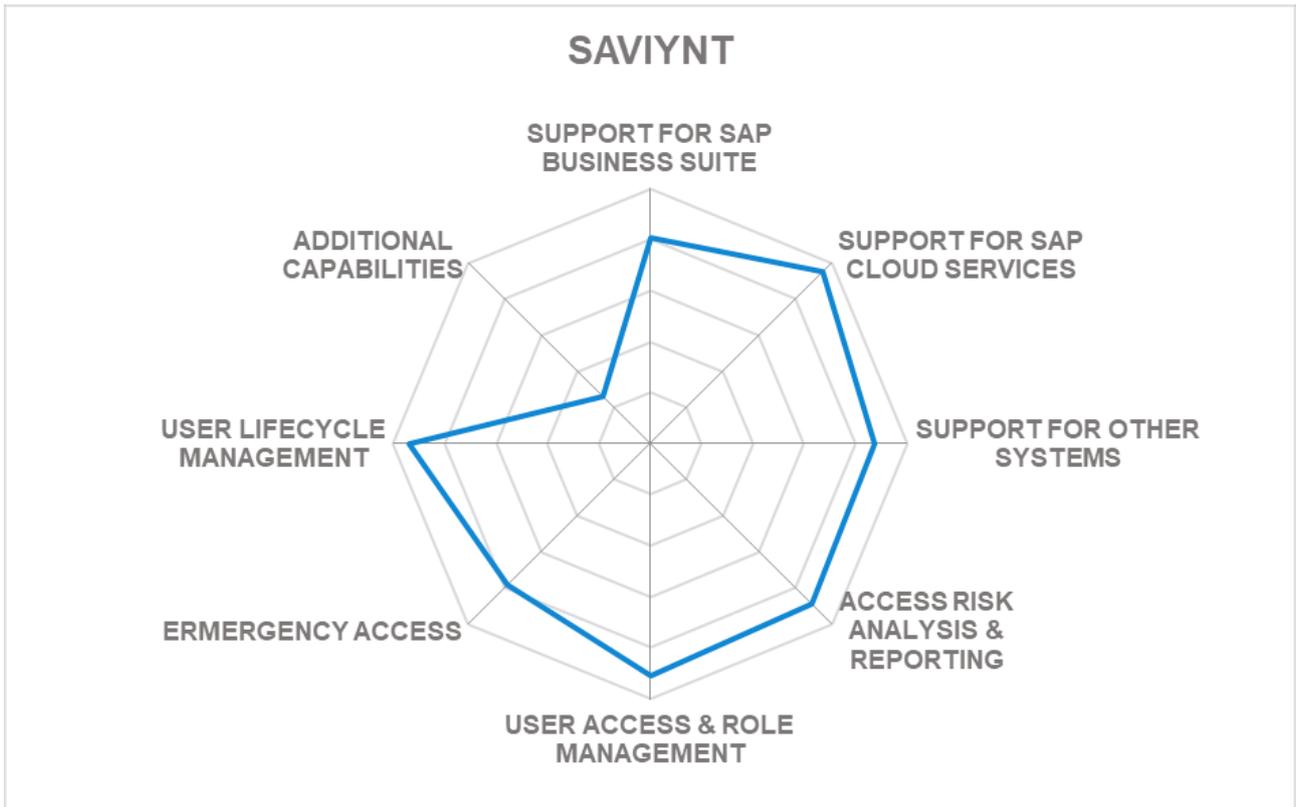
5.6 Security Weaver

Security Weaver is a vendor entirely focused on delivering solutions for the market of access control and compliance, with specific focus on SAP environments. Their solution offering also is named Security Weaver. It covers all major areas we expect to see in SAP access control. Security Weaver is focused on solving challenges of large, global customers.

Security Weaver is providing support for a range of capabilities, spanning areas such as SoD controls, emergency access, provisioning of users, and recertification. It also comes with process and transaction controls, role management and optimization capabilities, and various self service interfaces. Furthermore, it supports SAP License Management.

The range of supported capabilities, offered in separate modules, is very comprehensive. It encompasses common features such as recertification, SoD management, and emergency access management, but also advanced role management capabilities such as role testing and automated role generation.

The solution is built as an ABAP solution and thus runs with tight integration into the SAP environment. While this limits the focus to the SAP Business Suite and S/4HANA, with limited support for other systems, Security Weaver delivers deep, leading-edge integration into the SAP ecosystem.

Security Weaver is an interesting alternative to other solutions in that market, due to its integrated approach that is easy-to-deploy, and that fits well for experienced SAP users in traditional SAP environments. While their partner ecosystem is small in the number of partners, Security Weaver has a proven ability in delivering to large, global corporations, also working closely with the leading IT consultancies and audit firms. The company has a significant number of customers in both North America and EMEA.

|	
Security	● ● ● ● ●
Functionality	● ● ● ● ○
Interoperability	● ● ● ● ○
Usability	● ● ● ● ●
Deployment	● ● ● ● ○

SW
SECURITY WEAVER
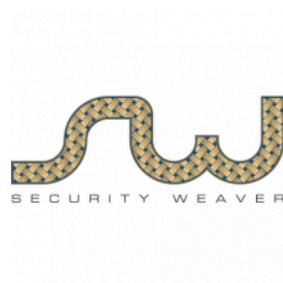
Strengths

- Tight integration into traditional SAP environments

- Very broad set of capabilities, covering all major areas we expect to see in that type of solutions

- Very strong role management capabilities, including automated generation and role testing

- Supports continuous monitoring

- Proven ability in supporting large-scale environments

- Modular approach allowing for lean and targeted deployments

Challenges

- Focus on traditional SAP environments, but with leading-edge specialization

- Very small partner ecosystem for deployments due to easy deployment approach, but various support partners and working relationships with leading consultancies

- UIs as ABAP solution might not meet preference of some users

Leader in

OVERALL LEADER · PRODUCT LEADER · INNOVATION LEADER · MARKET LEADER

SECURITY WEAVER
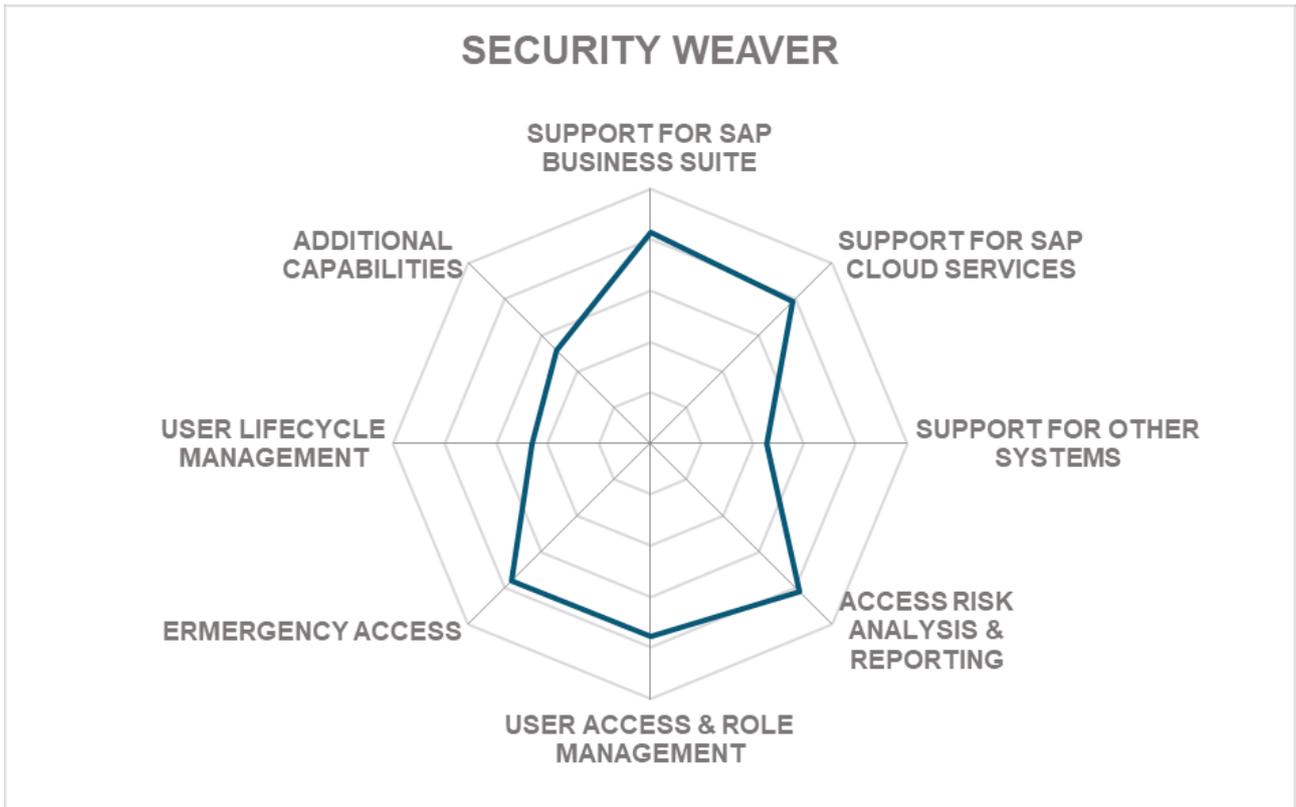
5.7 Sivis

SIVIS is a German provider of a solution for managing access control and related settings in SAP environments, with their SIVIS Suite of products. As the name indicates, the company delivers a set of modules that can be selected by the customer depending on its requirements. The SIVIS Suite runs within the SAP environment and has been focused on supporting the traditional SAP landscape, including S/4HANA. However, it also provides various simple web interfaces, including the ones for user self-services. Furthermore, SIVIS just release a cloud connector, which allows integrating SaaS solutions as well.

Overall, there are close to 20 separate modules which can be used. This includes capabilities such as the Identity Manager for managing user profiles, the Role Manager for role management including a separate module providing more than 1,000 pre-defined roles, the Compliance Manager for SoD management, altogether wit pre-defined SoD controls, and many more.

Beyond the common capabilities found in most products in that market such as recertification management, alerting, and emergency access management, there are others such as the Concept Manager for automated documentation of the SAP access entitlement model. Furthermore, there are several connectors for integration with other systems for both user lifecycle management and analytics, and for integrating further SAP platforms. SIVIS Suite can work with HR systems and Microsoft Active Directory, and it can connect e.g. to SAP BI and HANA. With the new cloud connector, they also can integrate to other SaaS services of both SAP and other vendors.

SIVIS currently primarily targets the German-speaking countries, with only very few partners and customers in other regions. They provide a good set of capabilities, and they are opening up from a SAP-only focus towards supporting a broader range of applications. SIVIS also comes with a well-integrated, modular and easy-to-use solution for SAP environments, providing a strong alternative to other offerings in that market.

Security	● ● ● ● ○
Functionality	● ● ● ● ○
Interoperability	● ● ● ● ○
Usability	● ● ● ● ○
Deployment	● ● ● ● ○

SIVIS

smart · simple · safe

Strengths

- Modular approach, allowing customers picking the specific capabilities these require

- Good feature set across all major areas of SAP access control

- Provides both pre-configured roles and SoD controls

- Supports automated documentation of entitlement model in SAP environments

- Supports emergency access

- Includes a SAP license manager

Challenges

- Focused on traditional SAP environments and S/4HANA, but new cloud connector allowing for integrating SaaS solutions

- Still small partner ecosystem

- Currently primarily focused on German-speaking countries

Leader in

OVERALL LEADER   PRODUCT LEADER   INNOVATION LEADER   MARKET LEADER

SIVIS
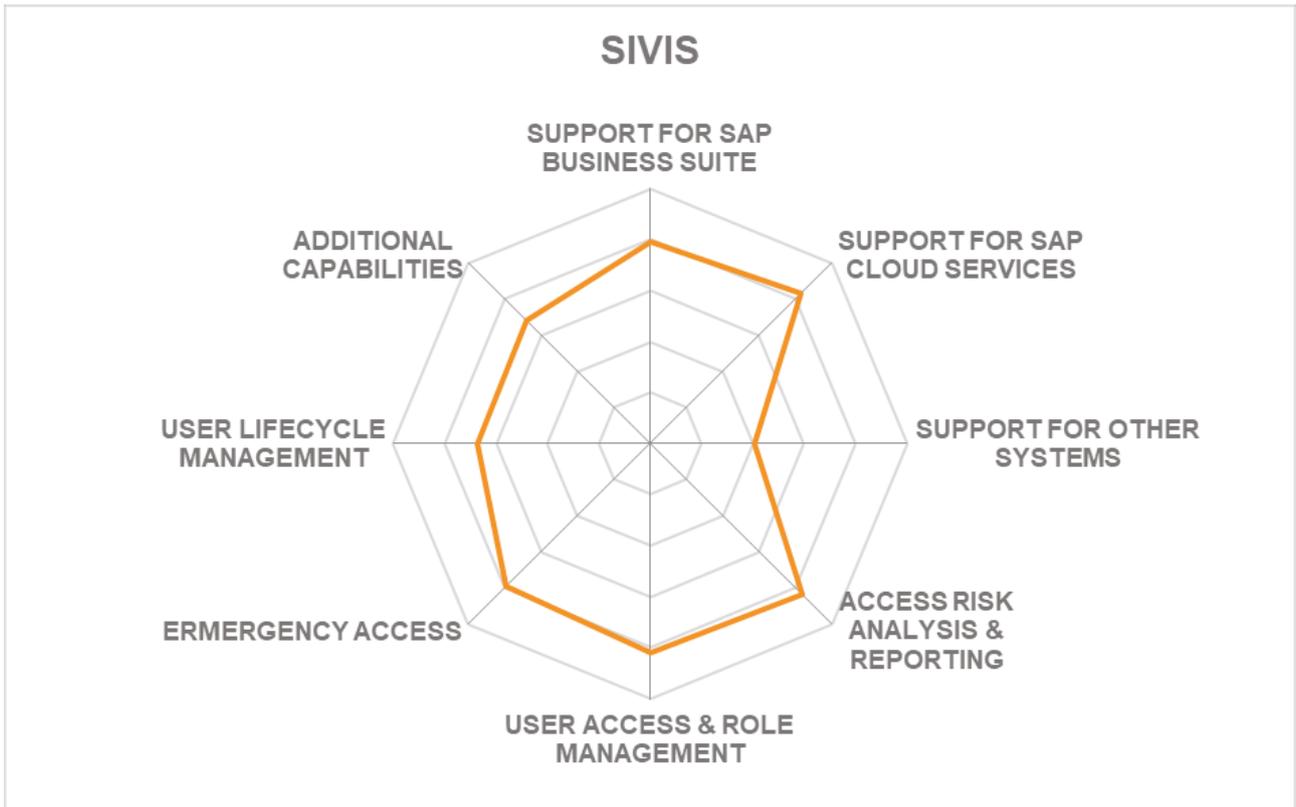
5.8 Soterion

Soterion for SAP is a GRC (Governance, Risk & Compliance) solution targeted at SAP environments and delivering major capabilities in that space. The solution is available as both on premises solution and in an as-a-service model. Soterion has put specific emphasis on delivering a solution for GRC and access control in SAP environments that is easy-to-use, coming with a business-friendly user interface.

Soterion is able offering this range of deployment options due to a major difference compared to several of the other vendors in the market, which is that Soterion for SAP isn't an ABAP application that is locked into the SAP ecosystem, but runs as an independent application interfacing to the SAP ecosystem. This approach has the additional benefit that Soterion has far more flexibility in building a modern, intuitive, and business-centric user interface (UI). It also will simplify the extension of Soterion for SAP to other solutions, specifically the SAP SaaS services such as Ariba or SuccessFactors, which currently are roadmap items and work in progress.

Soterion for SAP consists of several modules, all sharing the same UI. The main module is the Access Risk Manager, which provides insight into current access risks in the SAP environment. It analyzes the user authorizations, also incorporating historical transaction usage data, to analyze the current status of authorization and their usage in the past. While analysis of the static authorizations within SAP environments is common, adding the historical usage data provides better insight into the real access risks, but also identifies excessive entitlements that aren't used in practice.

All data is displayed in dashboards, supporting drag-and-drop capabilities for grouping, filtering, and re-arranging data. Thus, users can easily identify high-risk areas and other relevant information. Based on that, authorizations can be optimized. One of the capabilities of the Soterion Access Risk Manager is focused on reducing redundant access. Risk clean-up wizards support the users in mitigating access related risks, but also in optimizing the role model. The tool also provides a risk clean-up projection, indicating which amount of authorizations could be removed without impacting business operations.

Soterion for SAP is a user-friendly, well-thought-out solution for managing authorizations, critical/emergency access, and licenses in SAP environments. It is targeted at efficient usage, supporting business users that don't come with a deep understanding of SAP specifics in performing both their routine jobs such as approving access as in the regular access reviews. Amongst the challenges, we identify the current lack of support for SAP SaaS services such as Ariba and SuccessFactors. In sum, specifically due to the innovative user interface, we recommend adding Soterion for SAP to evaluations for solutions in that particular segment.

soterion

|		
Security	● ● ● ● ●	
Functionality	● ● ● ● ○	
Interoperability	● ● ● ○ ○	
Usability	● ● ● ● ●	
Deployment	● ● ● ● ○	

Strengths

- Very user-friendly and innovative user interface

- Supports all major capabilities to be expected in this type of SAP GRC solutions

- Supports transferring information into business-relevant representation

- Graphical representation of business processes in the context of access reviews

- Supports efficient identification and mitigating of access risks

- Well-thought-out process for access review

Challenges

- No support for SAP SaaS services such as Ariba and SuccessFactors yet, but on the roadmap

- Relatively small vendor with still small, but growing partner ecosystem

- No user lifecycle management capabilities provided

SOTERION

SUPPORT FOR SAP
BUSINESS SUITE

ADDITIONAL
CAPABILITIES

SUPPORT FOR SAP
CLOUD SERVICES

USER LIFECYCLE
MANAGEMENT

SUPPORT FOR OTHER
SYSTEMS

ERMERGENCY ACCESS

ACCESS RISK
ANALYSIS &
REPORTING

USER ACCESS & ROLE
MANAGEMENT
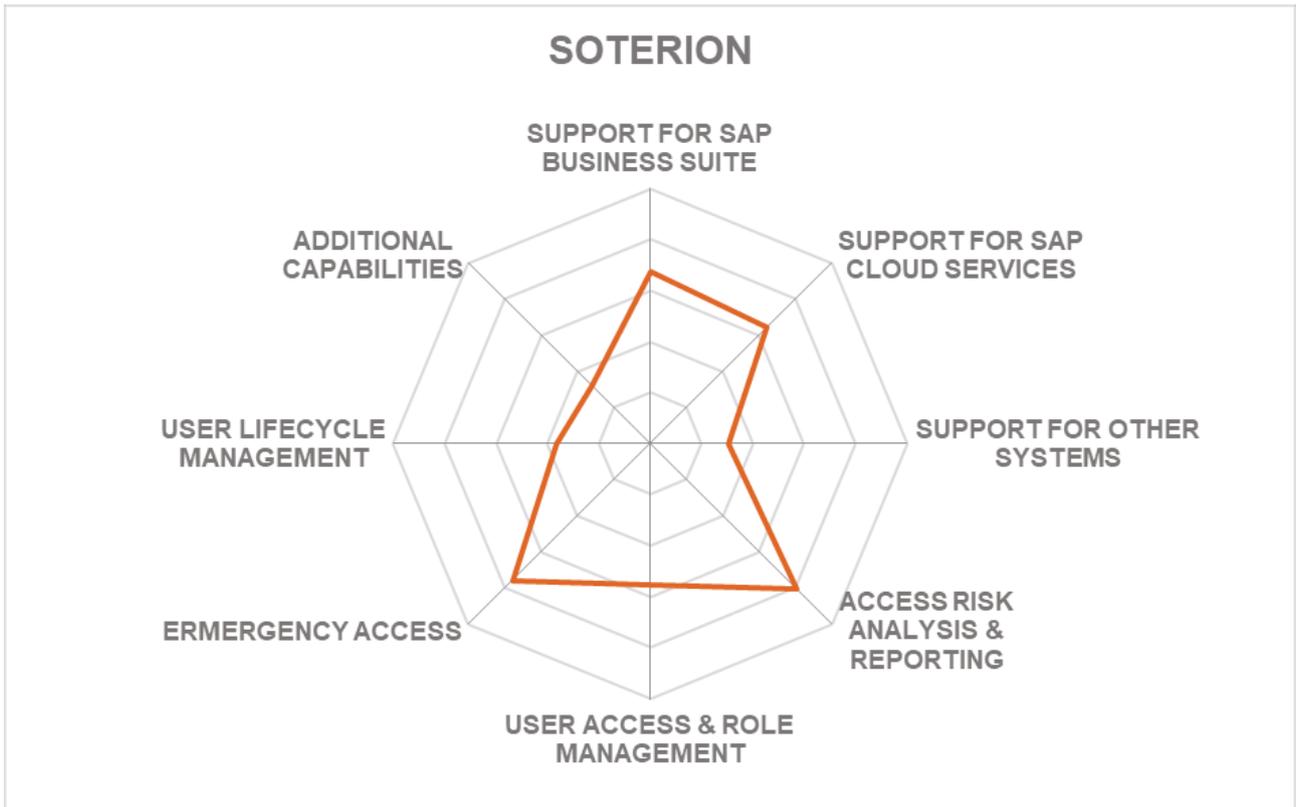
5.9 Wikima4

Wikima4 is a Swiss-based provider of SAP Security Consulting, also offering its own GRC and access control solution for SAP environments. The core module of what Wikima4 has named GRC-in-a-box is mesaforte Compliance Suite. Altogether with rolebee for role design and role management, the solution provides support for all core requirements we expect to see in such solutions.

While the solution is offered as an integrated suite, it consists of nine separate modules, which can be licensed separately. Wikima4 not only offers generic best practice rule sets and templates, but also industry-specific ones. This allows for more efficient implementation, because the rule sets, controls catalogs, and templates are already targeted at the specific use cases within the industries.

The modules provide range from compliance and SoD rule sets and monitoring to automated analysis and monitoring of SAP security settings, usage analysis and license optimization to a range of capabilities around managing users and their access. The latter include role design and optimization as well as temporary access, e.g. for emergency access, and automated entitlement management. Furthermore, there is module targeting the specific requirements of GDPR (General Data Protection Regulation).

The Wikima4 solutions are tightly integrated into SAP environments and benefit from the consulting practice of the organization, such as with the industry-specific catalogs. The main focus is on traditional, homogeneous SAP environments. This might impose a restriction for customers that run an environment with a heterogeneous set of business applications, or which increasingly build on SaaS services. However, Wikima4 can integrate on demand with further applications, including homegrown applications.

The solution is focused on key requirements of customers, for rapid implementation, not overloaded with specialized capabilities. Wikima4 currently is primarily focused on the German-speaking countries, with only few customers outside that region. The partner network is very small. However, Wikima4 offers its own consulting services in their core region, being able to directly serve the customers.

Security	● ● ● ● ○	
Functionality	● ● ● ○ ○	
Interoperability	● ● ● ● ○	
Usability	● ● ● ● ○	
Deployment	● ● ● ● ○	

wikima④
Control meets efficiency.

Strengths

- Focused and modular solution for core requirements of managing SAP access controls

- Provide industry-specific rule sets and controls catalogs

- Strong experience in SAP security consulting

- Integrates security analytics for SAP security configuration

- Strong capabilities in building and maintaining role models

- Rapid implementation

Challenges

- Very small partner network might impose limitations for global companies

- Primarily focused on German-speaking countries

- Focus on core SAP services, lack of broad support for SaaS services, but ability to integrate e.g. with homegrown solutions

WIKIMA4
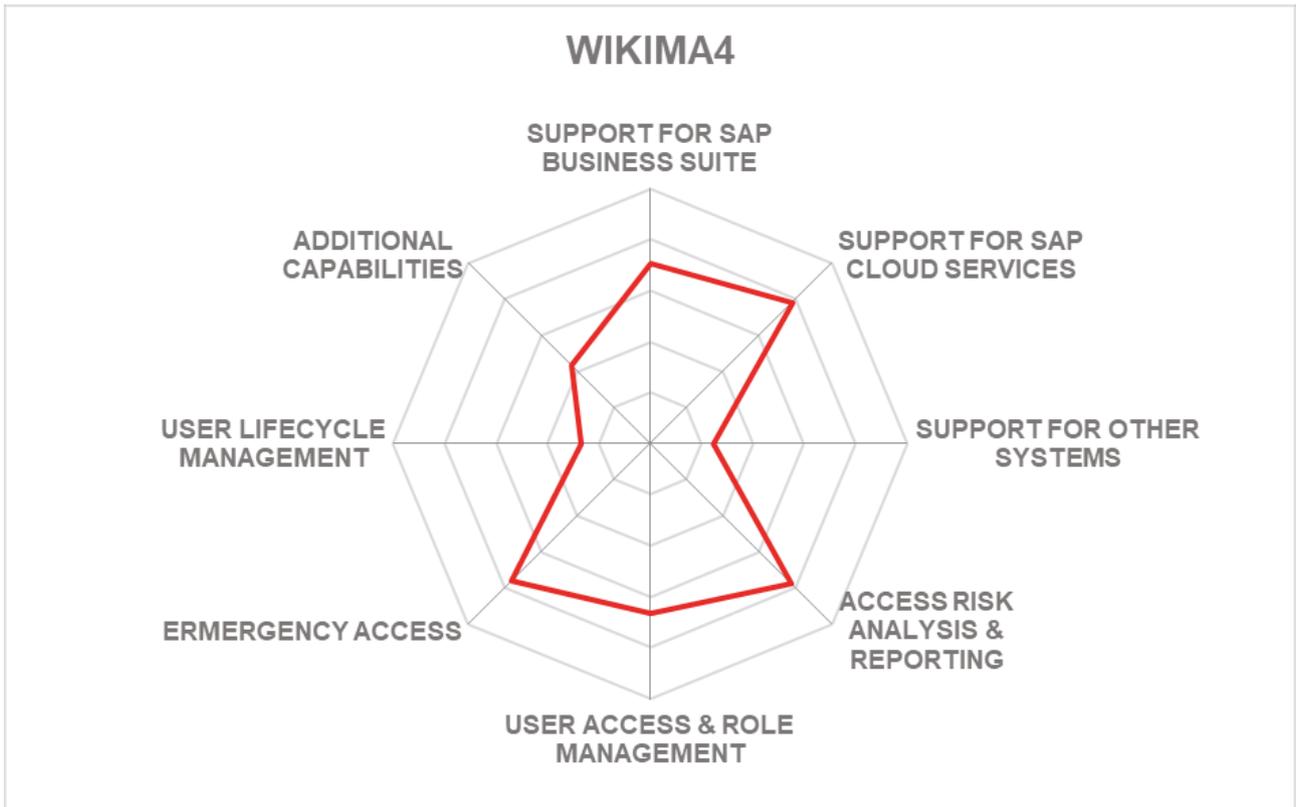
5.10 Xpandion

Xpandion provices GRC solutions for SAP and other business applications as well as IAM capabilities, cybersecurity and fraud management capabilities, and license management as part of its broad portfolio of solutions. This includes the capability of managing not only SAP environments, but a range of other solutions, with an extensive set of features.

The solutions come with a modern web-based user interface, allowing easy access to all capabilities. These include e.g. SoD monitoring and the management of SoD rule sets, even across multiple applications. Xpandion's ProfileTailor allows harmonizing terminology across applications, simplifying use by end users, managers, and auditors, when it comes to requesting, approving, and managing access across various applications.

Other capabilities include managing emergency access to SAP environments, authorization reviews, and HCM specific capabilities such as restricting read access to exports from HCM systems. Other features include securing the SAP environments, license management and a range of other capabilities.

Xpandion offers hosted deployments as well as local installs of ProfileTailor. While the partner ecosystem is rather small, the company provides services in all major regions, thus being able to serve also large multi-national corporations.

The solution is well-thought-out and proven and, as mentioned below, easy-to-use also in comparison to many of the other products in this market segment. In sum, Xpandion ProfileTailor counts amongst the leading-edge products for managing access in SAP environments and beyond.

|	
Security	● ● ● ● ●
Functionality	● ● ● ● ○
Interoperability	● ● ● ● ●
Usability	● ● ● ● ●
Deployment	● ● ● ● ○

Strengths

- Very strong set of capabilities in all major areas of such solutions

- Good support for other ERP systems and business applkcations, beyond SAP

- Modern and intuitive user interface, consistent across all modules

- Hosted services available for running the solution

- Includes security analytics for SAP environments

Challenges

- Some of the never SaaS services not yet supported out-of-the-box

- Still relatively small partner ecosystem

- Despite significant number of customers still a relatively small company

Leader in

OVERALL LEADER   PRODUCT LEADER   INNOVATION LEADER   MARKET LEADER

XPANDION

SUPPORT FOR SAP BUSINESS SUITE · ADDITIONAL CAPABILITIES · SUPPORT FOR SAP CLOUD SERVICES · USER LIFECYCLE MANAGEMENT · SUPPORT FOR OTHER SYSTEMS · ERMERGENCY ACCESS · ACCESS RISK ANALYSIS & REPORTING · USER ACCESS & ROLE MANAGEMENT
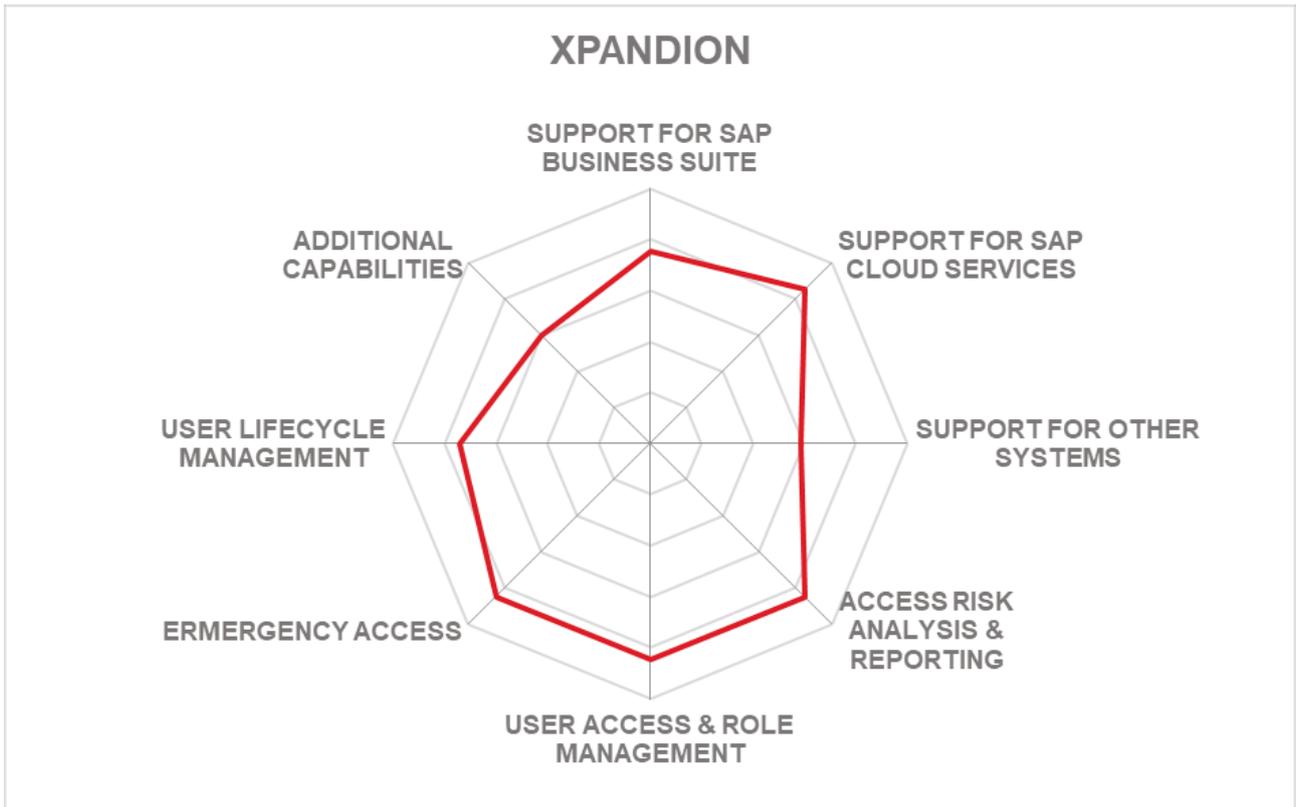
6 Vendors and Market Segments to watch

Aside from the vendors covered in detail in this Leadership Compass document, we also observe other vendors in the market that we find interesting. Some decided not to participate in this KuppingerCole Leadership compass for various reasons, while others are interesting vendors but do not fully fit into the market segment of Access Control Tools for SAP environments or are not yet mature enough to be considered in this evaluation. We provide short abstracts below on these vendors.

6.1 ERP Maestro

ERP Maestro offers strong solutions for managing access controls and SoD controls in SAP environments. They provide various modules focusing on different aspects, including access reviews, risk analysis, and provisioning. ERP Maestro provides an alternative to several of the leading offerings in the market segment of Access Control solutions for SAP environments.

6.2 ERP Sec

ERP Sec provides a security add-on for SAP environments named Protect4S. The solution targets at security scans of SAP environments and lesser to the specific challenges around access controls and auditing. Protect4S can complement most of the solutions covered in this Leadership Compass with its additional capabilities.

6.3 Greenlight Technologies

Greenlight Technologies is known for its enterprise integration capabilities provided in addition to SAP Access Control. The company provides a variety of integrations to 3rd party business systems. Beyond that, there are various own SAP-related solutions offered by Greenlight Technologies. Beyond expanding the scope of SAP Access Control, Greenlight Technologies is worth being considered as a specialized solution provider for certain use cases.

6.4 IBM

IBM provides with its ISIGI (IBM Security Identity Governance & Intelligence) an IGA (Identity Governance & Administration) solution that is primarily targeted at the IAM market. However, it comes with well-above average capabilities in managing SAP environments, including authorization objects, and thus exceeding what is commonly found in that type of tools. With its strong support for heterogeneous environments, it might become an option to specialized solutions, despite not offering the same level of specialization.

6.5 IBS Schreiber

IBS Schreiber delivers a solution for analyzing authorizations in SAP environments with their CheckAud product. The focus is primarily on read-only access, i.e. a rapid analysis e.g. for consultants and auditors. Thus, it is not a full-featured solution for managing access controls in SAP environments. On the other hand, the product benefits from the extensive knowledge on SAP audits IBS Schreiber has accumulated since the 1990s. CheckAud is a strong solution for a rapid analysis of the status of SAP systems and for auditors that require a lean solution for either auditing SAP systems themselves, or delivering the required information to external auditors. While some of the other vendors provide audit-only options, IBS Schreiber CheckAud is one of the few targeted solutions on that segment.

6.6 SafePaaS

SafePaaS is a provider of a solution that fits into both the IT GRC market segment, and can support managing entitlements and SoD controls in SAP environments and for a range of additional systems. Their main focus is on implementing a controls framework, with both manual and automated controls. Based on the controls status, corrective actions can be triggered. SafePaaS triggers such actions, but is lesser focused on automated enforcement of controls, a real-time analysis of the status of controls, or specialized capabilities for SAP environments. It thus also can be used in addition to specialized, technical solutions, adding a stronger IT GRC layer on top of the technical tools for administrators.

6.7 Symmetry

Symmetry ControlPanelGRC is an easy-to-use solution covering the major aspects of managing access control and access-related GRC requirements in SAP environments. It comes with a modern UI and is well-integrated into the SAP ecosystem. It also can integrate with SAP GRC solutions to complement these.

ControlPanelGRC consists of a number of modules, covering the major areas within this market segment. This includes SAP SoD Risk analysis and management of SoD controls, monitoring SAP Transaction Usage and thus adding an element of Continuous Controls Monitoring, plus using such information for SAP license management, and SAP Audit Management.

The solution also provides the full breadth of user provisioning and role management capabilities for SAP environments, as well as user access reviews. It also can integrate with SAP HCM in such processes, but also by securing HCM data in compliance with relevant regulations.

6.8 Valantic

Valantic is a SAP consultancy and solution provider, delivering a broad range of services and solutions in the SAP market segment. With apm atlantis, Valantic also offers a solution for

managing authorizations in SAP environments. Other modules of apm include emergency access management, biometric access control, or password self service. Valantic apm is another solution in this market segment that might be evaluated, beyond the products covered in this Leadership Compass.

6.9 Xiting

Xiting provides its XAMS (Xiting Authorizations Management) as an add-on for managing authorizations in SAP environments. They are focused on managing roles and other authorizations, as well as analyzing ABAP code. Thus, they might be a lean option to many of the solutions covered more in-depth of this report, while being highly specialized on a subset of the capabilities analyzed.

7 Related Research

[Leadership Compass: Access Control/Governance für SAP-Umgebungen – 71104](#)
[Leadership Compass: Access Control / Governance for SAP environments – 71104](#)
[Executive View: SAST SUITE by akquinet AG – 80116](#)
[Executive View: SAST SUITE Der Akquinet AG – 80191](#)
[Executive View: Saviynt Security Manager for Enterprise IGA – 80325](#)
[Executive View: Soterion GRC for SAP solution – 80113](#)

Methodology

About KuppingerCole's Market Compass

KuppingerCole Market Compass is a tool which provides an overview of a particular IT market segment and identifies the strengths of products within that market segment. It assists you in identifying the vendors and products/services in that market which you should consider when making product decisions.

While the information provided by this report can help to make decisions it is important to note that it is not sufficient to make choices based only on the information provided within this report.

Customers must always define their specific requirements and analyze in greater detail what they need. This report doesn't provide any recommendations for picking a vendor for a specific customer scenario. This can be done only based on a more thorough and comprehensive analysis of customer requirements and a more detailed mapping of these requirements to product features, i.e. a complete assessment.

Product rating

KuppingerCole Analysts AG as an analyst company regularly evaluates products/services and vendors. The results are, among other types of publications and services, published in the KuppingerCole Leadership Compass Reports, KuppingerCole Executive Views, KuppingerCole Product Reports, and KuppingerCole Vendor Reports. KuppingerCole uses a standardized rating to provide a quick overview on our perception of the products or vendors. Providing a quick overview of the KuppingerCole rating of products requires an approach combining clarity, accuracy, and completeness of information at a glance.

KuppingerCole uses the following categories to rate products:

- Security
- Functionality
- Ease of Delivery
- Interoperability
- Usability

Security is a measure of the degree of security within the product / service. This is a key requirement and evidence of a well-defined approach to internal security as well as capabilities to

enable its secure use by the customer are key factors we look for. The rating includes our assessment of security vulnerabilities and the way the vendor deals with them.

Ease of Delivery is measured by how easy or difficult it is to deploy and operate the product or service. This considers the degree in which the vendor has integrated the relevant individual technologies or products. It also looks at what is needed to deploy, operate, manage, and discontinue the product / service.

Interoperability refers to the ability of the product / service to work with other vendors' products, standards, or technologies. It considers the extent to which the product / service supports industry standards as well as widely deployed technologies. We also expect the product to support programmatic access through a well‑documented and secure set of APIs.

Usability is a measure of how easy the product / service is to use and to administer. We look for user interfaces that are logically and intuitive as well as a high degree of consistency across user interfaces across the different products / services from the vendor.

We focus on security, functionality, ease of delivery, interoperability, and usability for the following key reasons:

- Increased People Participation—Human participation in systems at any level is the highest area of cost and the highest potential for failure of IT projects.
- Lack of excellence in Security, Functionality, Ease of Delivery, Interoperability, and Usability results in the need for increased human participation in the deployment and maintenance of IT services.
- Increased need for manual intervention and lack of Security, Functionality, Ease of Delivery, Interoperability, and Usability not only significantly increase costs, but inevitably lead to mistakes that can create opportunities for attack to succeed and services to fail.

KuppingerCole's evaluation of products / services from a given vendor considers the degree of product Security, Functionality, Ease of Delivery, Interoperability, and Usability which to be of the highest importance. This is because lack of excellence in any of these areas can result in weak, costly and ineffective IT infrastructure.

Rating scale for products

For vendors and product feature areas, we use a separate rating with five different levels. These levels are

- **Strong positive**
  Outstanding support for the subject area, e.g. product functionality, or security etc.)

- **Positive**

Strong support for a feature area but with some minor gaps or shortcomings. Using Security as an example, this could indicate some gaps in fine-grained access controls of administrative entitlements.

- **Neutral**
Acceptable support for feature areas but with several of our requirements for these areas not being met. Using functionality as an example, this could indicate that some of the major feature areas we are looking for aren't met, while others are well served.

- **Weak**
Below-average capabilities in the area considered.

- **Critical**
Major weaknesses in various areas.

Content of Figures

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KuppingerCole supports IT professionals with outstanding expertise in defining IT strategies and in relevant decision making processes. As a leading analyst company KuppingerCole provides first-hand vendor-neutral information. Our services allow you to feel comfortable and secure in taking decisions essential to your business.

KuppingerCole, founded back in 2004, is a global, independent analyst organization headquartered in Europe. We specialize in providing vendor-neutral advice, expertise, thought leadership, and practical relevance in Cybersecurity, Digital Identity & IAM (Identity and Access Management), Cloud Risk and Security, and Artificial Intelligence, as well as for all technologies fostering Digital Transformation. We support companies, corporate users, integrators and software manufacturers in meeting both tactical and strategic challenges and make better decisions for the success of their business. Maintaining a balance between immediate implementation and long-term viability is at the heart of our philosophy.

For further information, please contact clients@kuppingercole.com.