

# Analytics and Intelligence

## Data-driven risk management for Evidian IAM system

Security and compliance are daily issue when it comes to Identity and Access Management. In an increasingly risky environment for corporations, CISOs and Administrators need enhanced processing and analysis capabilities to leverage and review data produced by their IAM systems and investigate security events related to users' lifecycle and entitlements usage.

Evidian Analytics and Intelligence transforms access and identity raw data into actionable intelligence in line with compliance regulations, business security policies and corporate risk management objectives. Security professionals can now track down and analyze access data to extract trends to report and act to improve their right assignment management policy.



Take up the security challenges and get full control over your Identity and Access Management system.

### Evidian Analytics and Intelligence

- Transform raw data into useful intelligence to identify trends and run more accurate risk-analysis.
- Investigate the root cause of audit events with the risk-oriented dashboards and views with the advanced filtering capabilities.
- Meet with auditors, security managers and business managers for better governance and regulatory compliance.
- Read and communicate clearly with the customizable web interface, dashboards, reports and on-demand displays (ad-hoc views).

### An add-on for Evidian IAM suite

Developed for middle-sized and large organizations benefiting from Evidian IAM, Evidian A&I adds a new critical tool to your

security solution enabling you to follow the evolution of your system by covering different domains from the users' lifecycle.

### From data to trends

Evidian A&I highlights evolution trends for accesses and entitlements. This overall view allows security professionals to detect suspicious events and take a risk-driven approach to IAM.

### Comprehensive analysis tool

The multidimensional analysis allows security professionals to go deeper into detail and focus on a specific indicator. This search can be extended to the audit events involved with this indicator. The user can also customize the dashboards to better answer his/her organizational needs (the possibility to add logo, images, website, reports or on demand displays, etc.). This search can be extended to the audit events involved in this indicator.

### Advanced audit features

To be able to broaden the search domain and answer any type of question, the Audit Analysis feature makes it easier to investigate by looking directly into audit events via a user-oriented layout and advanced filtering capabilities.

### Proofs of compliance

With the implementation new data protection laws such as the EU's GDPR, the regulator will require organizations to show proofs of governance and keep records of any event or changes regarding the processing of personal data (e.g. change in roles, access entitlements, etc.). Evidian A&I is the perfect tool to mitigate risks of breaches and demonstrate that you are compliant and able to track down and report on access event and usage.

# Enhanced risk analysis and governance

## Access and entitlement usage analytics

Access events (failed authentication, authentication methods, application and permission usage, etc.) are included in the product scope as new dimension for IAM audit events analysis and monitoring. Evidian A&I places data at the heart of business processes, ready to be investigated by the Security Officer. Entitlement usage monitoring enables faster and efficient decision making.

## Flexible domains creation

It is possible to request changes and create new domains more in line with your business. The new domains will be specific to the entitlement policy defined in your organization.

## Dashboards

Dashboards highlight the key performance indicators of your business, providing statistical information on a relevant domain. They are presented in the form of easily modifiable graphs. The same way, it is also possible to configure the refresh rate of the data.

## Reports

The reports detail the information presented in the dashboards. Reports are available directly and can be customized, among other things, according to time ranges, organization or application names; they can be generated periodically and sent automatically by mail.

## On-demand displays

On-demand displays, also called ad-hoc views, are the basic elements of dashboards. They focus on a given performance indicator and allow its detailed analysis by playing on different dimensions. Thus, it is possible to easily and very interactively position different filters or dimensions to obtain the highlighting of the information sought. The result can be presented as chart or in tabular format.

## Audit analysis

The audit event analysis function provides a business-oriented view of the audit events generated by your Identity and Access Management system, to find the root cause of an anomaly. The ability to filter according to the start and end dates of an event, its category, type, or other criteria is enhanced by the ability to filter also all the correlated audit events, and/or to obtain detailed information about the concerned users or objects of the policy.

## Key Risk Indicators

The product allows you to monitor activities considered to be at risk (e.g. password changes, failed authentications). Whether done by a user or an administrator, you can detect them and analyze why this happens (root cause). A set of risk-oriented dashboards and ad-hoc views strengthen the existing range of analysis tools. Administrators can focus on user authentications, user authentications risks, users with SoD violations, etc.

## Detect trends

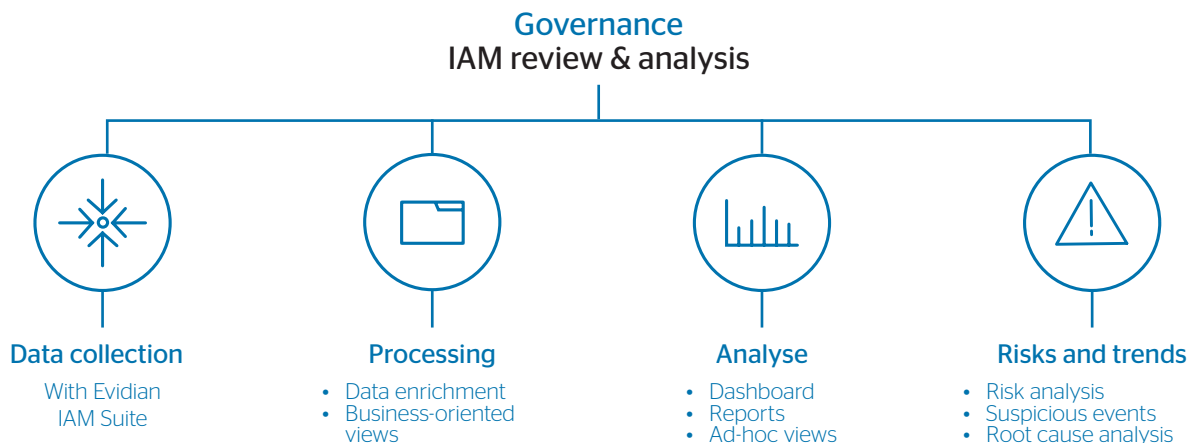
Evidian A&I allows you to monitor and analyze, using different criteria, and the usage trends of your IAM system. This vision over time of the key performance indicators of your business allows you to detect atypical behaviors (e.g. repeated requests for exceptional rights for a user) and react accordingly.

## Optimized costs

The Evidian IAM Suite allows you to manage and secure access to Cloud applications while mastering the costs. Accounts for Cloud applications are created dynamically, at the time the user requests access. A&I gives you the means to verify inscriptions to Cloud applications and verify that the costs that are invoiced correspond to your usage.

## Integration with Nagios®

Evidian Identity Analytics and Intelligence includes deep integration capabilities with Nagios®, free and open source application, to offer extensive alerting services for applications and services. Added to Evidian IAM Suite, this products integration enables organizations to quickly detect and respond to suspicious events and network threats.



For more information: [Evidian.com](https://www.evidian.com)

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