



## Access Insight, the Access Intelligence Solution

### Benefits

- Quickly and easily identifies, quantifies and manages access risk that can negatively impact the business
- Increases operational efficiency and lowers costs by eliminating labor-intensive IAM processes and efforts to demonstrate compliance
- Streamlines audit preparation, improves audit results
- Automates data collection and creation in near-real-time views of your most critical access risks
- Presents access risk data based on organizational role

Protecting sensitive information is not only complex, it's mission critical in today's dynamic business environment and, in most cases, it's required by corporate and industry polices, and a litany of government and industry regulations.

In many organizations today, critical information is continually shared, transformed and moved across organizations – into and out of the cloud, and across mobile and virtual environments. The amount of information found in a typical company's Identity and Access Management system is astronomical – hundreds of applications; thousands of employees, contractors, partners and vendors; and tens of thousands of files shares creating tens of millions of access relationships. And they all need to be monitored, managed and understood in real time. At the very least, it can be overwhelming and require substantial resources.

So, how can organizations simply and effectively manage their access risk while easily and cost-effectively demonstrate compliance?

### Identify, Quantify and Manage Access Risk

Courion addresses these challenges with Access Insight™, the industry's premier access intelligence solution. Access Insight is a comprehensive, best-practices solution that enables organizations to identify, quantify and manage access risk to vital information, while demonstrating regulatory compliance and increasing operational efficiency.

### Identify Your Access Risk

Powered by an underlying access intelligence engine, Access Insight helps organizations see not only *where* their access risk resides, but the *level of risk* as well – and how to settle those risks in a way that's most appropriate for the business.

Specifically designed to answer the critical questions "Who has access to what resources?" and "Are they using that access appropriately?" Access Insight provides IT Security, Compliance, Business and Risk professionals with the data and tools they need to successfully deal with these complex challenges.

Access Insight enables authorized users to observe their organization's access relationships in a business-friendly user interface, allowing them to monitor access and activity against corporate and regulatory policies and controls. This makes it easy to determine, in near-real-time, if a situation represents a potential risk to the organization. When used in conjunction with Courion's Access Risk Management Suite, authorized users are able to *remediate potential risks immediately*.



Figure 1. Example of risk categories in Access Insight

## Increase Operational Efficiency, Reduce Operational Costs

By automating the collection and analysis of user access data, Access Insight enables you to increase operational efficiency and reduce operational costs by eliminating manual, labor-intensive IAM processes and protracted efforts to demonstrate compliance.

## Quantify Your Level of Access Risk

While Access Insight alerts you to potential access risk threats, it also provides the tools for seeing the level of risk a potential threat might pose. With Access Insight, you have the ability to implement controls commensurate with your organization's access risk. For example, Access Insight might alert you to open access to a specific file on a file share. Upon investigation, you see the share is used for the company's softball league and only contains non-critical and non-sensitive information. There's no further need for concern, and now you can focus on areas that actually have the potential for significantly impacting your business.

## Continuously Gather and Analyze IAM Information from Multiple Sources

You don't need to wait for a problem to occur to be able to take action. Access Insight continuously gathers and synchronizes an organization's Identity and Access Management (IAM) and Identity and Access Governance (IAG) information from multiple identity sources, analyzing and categorizing data into identities, access rights, resources and activities to *create a true data cube*.

**Predictive analytics** allow you to compare information against defined models to predict imminent changes in your risk posture. Just as credit card companies do today, Access Insight shows you patterns of normal access activity, while automatically alerting you to signs of nefarious behavior such as: employees preparing to leave the company and downloading huge amounts of critical data during non-business hours; credentials that have been compromised by any means of attack; or an application whose use is growing to the point where it will become a high risk to the company – *and* gives you the tools to ensure that the appropriate controls are in place. The result – near-real-time views of all company IAM and IAG activities and the resulting quantified risks *and* the ability to send notifications to relevant parties.

## Manage People, Asset and Business Access-Related Risks

While static security risk reporting is useful for operational reviews, it doesn't allow you to answer new questions with speed or efficiency. True access intelligence requires the ability to handle massive volumes of information in near-real-time, giving you the option of **true exploratory/interactive analytics** with the enhanced ability to create and extend **predictive analytics**.

**True Exploratory/Interactive analytics** solve one of the main problems encountered with traditional reporting systems, e.g., when presented with information, managers have two choices – they can either take action, or they must wait because they have additional questions that can't be answered without organizing a new effort to build a new report. Access Insight's true exploratory analytics allow you to ask new and complex questions in real time, as well as enabling you to change the type of information viewed, and how it is viewed.

By continually scouring hundreds of millions of pieces of information, Access Insight provides rich analytics clearly translated into simple, interactive visualizations. Viewed via the user portal, these visualizations help you manage people, asset and business access-related risks – by identifying prospective at-risk associations and patterns in your organization's user access privileges that may violate compliance guidelines and company policies. This allows you to concentrate on those relationships, and immediately take the appropriate steps to remediate those risks.

## Achieve More Effective Data Mining

Access Insight provides organizations with a streamlined method of mining for patterns that predict current or future threats, as well as providing the answers to tactical and strategic questions including:

- Which resources represent the greatest access risk to my organization? What drives that risk?
- How does this risk impact the business?
- Which accounts are not associated with a valid person, or system account? Which of these accounts are actively being used?
- Why is there more than normal activity on this particular key application?



Figure 2. View of business risks in Access Insight

## Filter, Categorize and Assess information in Minutes or Hours

With hundreds of millions of pieces of data to deal with, Access Insight gives authorized users the capability to quickly filter, categorize and assess information based on a variety of categories – *in just minutes or hours*, not days or weeks. Mouse-over capabilities provide actionable metadata you can see and *interact with*, offering the added ability of being able to drill down for further information.

## Remediate Compromised Credentials Immediately

Credentials can be compromised in the blink of an eye. Access Insight alerts you to changes in the infrastructure of your organization's system, and has the intelligence to know if credentials anywhere within your user community have been compromised.

For example, Account A is accessed from a location in Tokyo from 1-1:30 PM. Thirty minutes later, Account A is accessed again, this time from a Paris location. Access Insight has the intelligence to automatically alert authorized users that credentials have been compromised, giving them the ability to disable the accounts or take other appropriate steps to remediate the risk.

## Perform True Risk Scoring at Multiple Levels

Unlike other business intelligence solutions, Access Insight considers business impact, access levels and policy violations – performing risk scoring at the business level; at people, asset and role levels, and at the traditional security level.

## Customize Views of Your Access-Related Risks

Access Insight's user portal offers a customized view of your organization's business, asset and people access-related risks based on the role an individual plays in your organization. Whether you're a CISO, a security analyst or a line-of-business manager, Access Insight can customize your individual portal so you can see the distinctive views and actions you require to perform your job.

Everything you need to easily determine and remediate critical access risk in your organization is at your fingertips, providing a simple, effective way to see *how your access risk impacts your business risk*.

## Works Well with Others

Access Insight integrates seamlessly with Courion's Access Risk Management Suite, as well as other IAM systems. The Access Risk Management Suite is a prescriptive, best practices IAM solution that provides all the tools, processes and capabilities you need for effective Identity and Access Management, with options to deploy either on premise or in the cloud.

**Bottom line** – Access Insight enables organizations to successfully identify the areas of access risk that can negatively impact their business, focusing on what really matters – lowering the potential for financial impact to the organization; rapidly identifying and remediating emerging threats, and security and access risk issues; lowering operational costs; achieving faster and easier audits; and ultimately providing a more secure environment for the entire organization.

## About Courion

Courion, the leader in identity and access (IAM) management solutions that effectively and securely manage user access risk, helps companies manage risks associated with information access. More than 14 million users in 500 organizations worldwide rely on Courion's solutions to align user access privileges with corporate and regulatory governance policies.

Courion's best-of-breed solutions enable organizations to identify, quantify and manage access risks to vital information including intellectual property, medical records, personally identifiable information and customer data, while demonstrating regulatory compliance. Courion's cloud and on-premise solutions offer full arrays of IAM functions such as: identity and access governance, user provisioning and password management that deliver faster time to value and lower total cost of ownership than other industry solutions.

With an automated, policy-driven user access platform, Courion helps customers leverage intelligence to make informed decisions about their business and improve security ensuring that the right people have the right access to the right information and are doing the right things.

For more information, please visit our website at [www.courion.com](http://www.courion.com), our blog at [blog.courion.com](http://blog.courion.com), or on Twitter at [twitter.com/Courion](https://twitter.com/Courion).



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