



Banking and Finance

Controlling internal risks via
identity and access management

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EVIDIAN
A Bull Group Company

Reduce operational risks

In the financial sector, data protection is a matter of the utmost strategic importance. In a deregulated environment, characterized by close links between market players, the handling of ever larger amounts of capital, and increasingly sophisticated financial products, operational risks have taken on considerable significance.

By rationalizing access to sensitive data and managing accesses and identities in a structured and coherent way, banks and financial companies can fundamentally reduce their exposure to operational risks.

Prevent internal fraud

Evidian IAM Suite is a comprehensive range of identity and access management solutions ideally suited to risk management in a banking environment.

"The Basel II Accord introduces operational risks as a factor to be taken into account when assessing banks' minimal capital requirements. Evidian IAM Suite reduces operational risks with a secure, easy-to-audit identity and access management solution."

In a sensitive environment, application access security procedures must be reinforced and simplified. Proactive management of operational risk yields productivity gains and enhances security in all your financial activities.

Solutions to mitigate your operational risks

Managing financial risks means looking beyond the traditional categories of credit risk and market risk. A significant proportion of operational risks involve access to electronic data by human beings.

Evidian IAM Suite's modular offer makes it easier to manage operational risks by structuring access, identities and roles in the sensitive applications used in the banking system.

Evidian, a provider of secure identity and access management solutions

Evidian, a subsidiary of Bull, is a software publisher that has specialized for over 15 years in identity and access management (IAM) solutions. Every day, two million users access their applications with Evidian solutions.

Evidian is the European market leader in its segment. Its offer was rated "Positive" by Gartner in the "MarketScope for Enterprise Single Sign-On" in 2009.

With Evidian IAM Suite, a banking and finance company can achieve end-to-end control over access management, from workstations to application rights. It can thus segregate tasks and ensure the confidentiality and integrity of its data.

Trading rooms

Trading rooms are high-risk environments, not only due to the "sensitive" data and applications in play, but also due to the speculative approaches adopted by the traders. The transactions performed are closely monitored and controlled in the back office. But how can you be sure of the true identity of the people carrying out these transactions?

Control and facilitate trader access

The work of traders is of great strategic importance to a bank. Their key role in the trading room calls for constant focus and stress management. Their work is managed, supervised and controlled in a very precise way. But identity control is often a weak link, as increasing the number of identification devices would reduce trader productivity.

With Evidian IAM Suite, a single, robust means of authentication (smart card, biometrics, etc.) is all that is required for a trader to access all of his or her monitors and financial applications. When traders identify themselves, their entire "cluster" of screens is activated, enabling them to access all of their applications. And when they remove their card, their screens become inaccessible.

A solution designed with traders in mind

Evidian has developed its access security and risk management solutions in partnership with a number of international banks. Evidian's experience enabled it to take into account real-life everyday scenarios, helping traders work productively and with minimal interruption.

Thus, a trader can share his or her PC cluster securely with an assistant or colleague, without having to close and reopen Windows sessions. Evidian IAM Suite authenticates the user's identity and displays his or her application environment. This simplifies the day-to-day organization of the trader's work and makes it possible to monitor the identity and location of anyone attempting to access the system.

All access events are stored in a central database, which can be used to audit all accesses to the PCs in the cluster and to applications. Identity and access management helps to reduce the number of loss-generating operational incidents.

Main functions

- The trader's environment is simplified with a single authentication process for all his/her screens.
- Access control by workstation and by time slot.
- Traders can delegate access to an assistant or colleague in total security.
- Reinforced security policy with locked mouse/keyboard and active screen mode.
- Access rights administration console and centralized audit.
- Passwords are replaced with a single means of authentication.

Branch networks

The growing number of branch networks spanning several geographical areas imposes constraints in terms of employee access management. How can you make sure your security policy is respected at every workstation? How can you manage the application accounts of thousands of employees?

Manage access in branches

Branch staff often find increasingly demanding security rules restrictive. With these concerns in mind, *Evidian IAM Suite* simplifies and rationalizes access security by managing the application authentication process on the user's behalf. Employees therefore naturally comply with the security policy.

Administrators modify, delete or adjust access rights from a central console. They assign rights based on the role of the employees within the branch, in accordance with task segregation rules.

An approval workflow automates the authorization process and makes applications available more quickly. *Evidian IAM Suite* stores access events centrally to facilitate audits.

Increase employee efficiency

Within the branches, employees use several applications, each protected by a password. Lost passwords increase the number of calls made to the help desk, damaging the company's image and reducing customer satisfaction.

Evidian IAM Suite eliminates this problem. A single means of identification (password, smart card, biometrics) gives access to all authorized applications, transparently. And mobile employees still have secure access to corporate web applications, even from outside the company.

Simplify and strengthen your security policy

With *Evidian IAM Suite*, identity and access management becomes uniform and systematic; this makes control procedures easier to maintain and document.

When staffing changes occur (new hires, transfers, departures), *Evidian IAM Suite* can trigger the creation or deletion of accounts. Accounts are allocated in such a way as to facilitate convergence between application rights and your security policy. The application managers are relieved of repetitive tasks in which errors can readily occur.

Evidian IAM Suite implements critical procedures such as account removal and role-based task segregation. Unused accounts are detected and, if necessary, deleted. And the central access audit tells you precisely who in the branch used a generic account.

In the event of a staffing change, the *Evidian IAM Suite* approval workflow informs the relevant line managers by email. These managers can then approve or reject the assignment of new rights in just a few clicks.

The effectiveness of the security policy can be measured at any time - for example, by determining the applications actually used by an employee profile. As a result, you can regularly optimize your security procedures.

A software publisher with a global presence, Evidian has provided identity and access management solutions to dozens of banks and insurance companies in Europe, Asia and the Middle East. It enables these organizations to comply with their legal confidentiality and data integrity obligations, make their employees more efficient and autonomous, and improve the service they provide to their customers.

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Evidian - rue Jean Jaurès B.P.68 - 78340 Les Clayes sous Bois - France - Phone: +33 (0)1 30 80 37 00 - Fax: +33 (0)1 30 80 37 10. +33 (0)1 30 80 37 10.

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