

An Evidian overview  
Identity and access management

# Evidian IAM Suite

Results-driven identity and access management

Identity, role and access management can work in a virtuous circle. This helps rationalize IT administration, reduce costs and improve access control and audit. But how can you get there fast and within budget?

This document gives an overview of Evidian IAM Suite and describes a field-proven method of scheduling an IAM project, with demonstrable return on investment in each phase.

# Identity and access management

## Where to start?

### IAM's virtuous circle

An end-to-end IAM system orchestrates SSO, access control, role management and user provisioning, thereby bringing in many benefits.

You can define an access policy in business terms, enforce it automatically and audit it in a single location. Lower costs, satisfied users, a compliant IT - what more can one ask for?

Unfortunately, getting there is often the hard part. Many organizations have launched multi-year IAM efforts, with little to show for it in the end.

### Will my IAM project succeed?

IAM is often wrongly seen as a technical issue. The reality is that it is a corporate-wide endeavor. It involves business divisions, internal control, audit, IT, finance...

Cross-organization efforts require top management backing, which rarely lasts more than a few months for internal projects. And IAM typically requires more time than that.

So are ambitious IAM projects destined to fail? Not if you regularly produce concrete, successful results. Each success ensures that critical backers will support you.

### Where do I start?

There is an abundance of possible starting points. Policy management, user provisioning, access control, SSO, strong authentication... Some make more sense than others.

### A foundation for IAM

The first priority is to gather real-world information on your IT and users. It will determine your next steps: know the terrain before you attack!

Deployed first, access management automatically inventories all accesses to accounts, with location and real user ID. By collecting usage data while enhancing access control, it lets you know which accounts are used, and by whom.

Once this is done, you can then define a role-based authorization policy that takes into account what is in place. At the beginning, theory may be far from actual practice - many projects start with a policy model that quickly proves impossible to enforce.

### Closing the circle

User provisioning is very useful for creating and deleting accounts automatically on multiple systems and applications. Thus, user provisioning completes IAM's virtuous circle. It connects users and policy to the real world, where data is protected by heterogeneous systems.

This allows a global reconciliation based on the business rules set by policy management. It answers the question: is an existing account compliant with the desired policy?

### Driver: agile security

Are critical applications really available if users frequently lose their passwords?

With end-to-end IAM, nothing intrudes between legitimate users and their work.

And secure SSO ensures that users naturally comply with your security policy.

### Who will support you:

operational and sales divisions, CSO

### Driver: compliance

IAM provides you with a single point to define, modify, enforce and audit your security policy.

As soon as a policy is defined it is enforced on each access attempt, with strong authentication if needed.

Centralized audits are quicker and cost less. You can easily document your control operations and review them regularly - not just during annual audits.

### Who will support you:

internal control, CFO, CSO

# Evidian IAM Suite

## 3 steps to successful deployment

Evidian IAM Suite is a set of interoperable software modules designed to quickly deploy identity and access management over an organization. Evidian IAM Suite modules exchange information through simple reconciliation processes. This makes IAM administration an efficient and easily manageable task.

Evidian IAM Suite is designed to implement [end-to-end IAM in 3 steps](#). Each step delivers clear and measurable benefits, so the project can build on past successes.



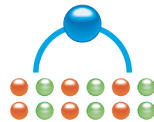
### ACCESS MANAGEMENT

#### STEP 1

The project team deploys access management with single sign-on and (optional) strong authentication. Once installed, the SSO software automatically collects the application accounts used by employees.

**Time scale:** weeks for SSO deployment, then a few months for fully automated collection of account usage data.

**The payoff at this stage:** increased user-friendliness for the end-user, demonstrably lower helpdesk costs, detailed usage data for auditors, security and access control.



### ROLE MANAGEMENT

#### STEP 2

While accounts are being collected, the project team formalizes the organization's structure and employee roles, establishing a common business-oriented vocabulary. Then, it maps the collected account usage data on these roles, producing a first-stage access policy

**Time scale:** months for role and organization design, weeks for mapping access rights-related roles.

**The payoff at this stage:** clear enterprise-wide policy definition, refined role-based access control, access policy enforced by SSO.



### IDENTITY MANAGEMENT

#### STEP 3

The project team deploys user provisioning on critical applications. Updating accounts becomes automatic - it was previously a manual or semi-manual process. The team then refines the access policy with application-level profiles.

**Time scale:** weeks for provisioning agent configuration, then weeks for analyzing account data and refining the policy. (Matching accounts with users, which would take months, is automated in step 1)

**The payoff at this stage:** no more obsolete accounts, fast account turnaround when employees arrive or leave, fine-grained access policy.

**Evidian Access Management** provides single sign-on for all applications. It includes a clientless, web-only extension for mobile workers. Strong authentication and fast user switching deliver easy and secure access to web, terminal and client/server applications.

**Evidian Role Management** helps design and enforce access policies based on the user's role and place in the organization. At any time, auditors and administrators can check whether the access policy is efficient. Segregation of duties and reporting help comply with laws and regulations.

**Evidian Identity Management** updates user information and authorizations on target systems via provisioning connectors. It keeps identities up-to-date with the most reliable data in multiple directories.

Evidian, a subsidiary of Bull, is the European leader and one of the world's major players in Identity and Access Management (IAM). Its offering includes Identity and Role Management, Enterprise SSO, Mobile E-SSO and security for SOA and web environments.

Evidian products help organizations in the North America, Europe and Asia to improve their flexibility, enhance their security, achieve regulatory compliance and reduce costs.

Over 2,000,000 users in 700 organizations access their applications every day with Evidian solutions.

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