



# Evidian ID Synchronization

Local directories, human resources, messaging system, list of partners, application databases, etc. This information is diversified and partial: how can you have a unique and reliable identity repository?

## Create a single trusted identity repository

Evidian ID Synchronization intelligently synchronizes your identity data sources distributed in the company.

This software-based solution uses the data stored in directories, databases and even flat files. It can thus create a reliable and consistent database of all users, helping you to:

- Create a global "White pages" directory.
- Base your access policy on reliable data.
- Ensure the consistency and update of all your user databases.

## Retain your existing procedures

To comply with legal requirements such as Bâle, Sarbanes-Oxley, PCI DSS, or standards like ISO 27001, your company has formalized and validated the employee lifecycle management.

With Evidian ID Synchronization, these procedures are not modified. The supervisors manage employee data as usual. They will be able to enhance their procedures gradually.

## Draw information from the most reliable sources

Depending on the type of information, some sources are more reliable than others.

For example, your Mail server is probably the reference for e-mail addresses. The employee database and flat files (Excel, CSV...) for subcontractors can be the reference for human resources.

From these sources, Evidian ID Synchronization will build a reliable and unique repository taking into account the relations between the sources, its dependency level and the relevance of the data of each source.

## Improve the quality of all your user databases

The central repository maintained with Evidian ID Synchronization contains the most reliable data. So, why not extend this to other databases?

For each data item, you can automate database updates from source databases. For example, when a new user account is created in the mail server, the user's "e-mail" field will be updated in the HR database.

## How does Evidian ID Synchronization work?

It creates a single reliable and consistent identity repository from several identity sources. This repository may be an existing LDAP directory, but also a relational database or a flat file.

Evidian ID Synchronization keeps this reference directory up-to-date according to predefined and simple synchronization rules:

- **Aggregation & Synchronization**  
Definition and application of a synchronization policy based on various repositories. Information can come from various sources.
- **Transformation**  
Processing, transformation, aggregation of attribute values using customizable rules.
- **Threshold**  
Setting thresholds to stop data processing and warn an administrator when a maximal number of creation, modification or deletion of objects is reached.
- **Simulation**  
Simulation facility through the graphical editor. The description of the operations to be performed is displayed for verification.
- **Logging**  
Identity management operation logging for analysis and reporting purposes.

## Evidian ID Synchronization enables:

- the identity consolidation from information divided into different sources
- Reconciliation in case of data inconsistency
- Creating or deleting user-related information.

## High availability

Evidian ID Synchronization has a High Availability system to prevent any hardware and software failures. In order to do this, it is installed on two standard servers. If any of the servers fails, the other one takes over without interrupting the service.

Therefore, the solution optimizes the risk management and information is safely and reliably updated in directories and databases.

## Reinforce and simplify your security policy

No security policy is effective without a reliable user identification system.

Evidian ID Synchronization can enhance the identity repository of an IAM tool such as Evidian Identity Governance and Administration.

Benefits are: when information changes (such as a user position or mail address), Evidian ID Synchronization propagates this modification to the central repository and other identity sources. Then, access rights are automatically updated in the applications.

When an employee leaves the company, his application accounts are deactivated or deleted once his name is erased from the HR databases.

## Rationalize your access policy

With Evidian ID Synchronization, the user identity repository always reflects the reality.

Evidian ID Synchronization enables to deploy authentication solutions in organizations with multiple and diversified identity sources. Strong authentication and single sign-on (SSO) then become easy to manage.

## Integration into identity and access management

Evidian ID Synchronization is part of Evidian Identity Governance and Administration, the IAM Evidian suite.

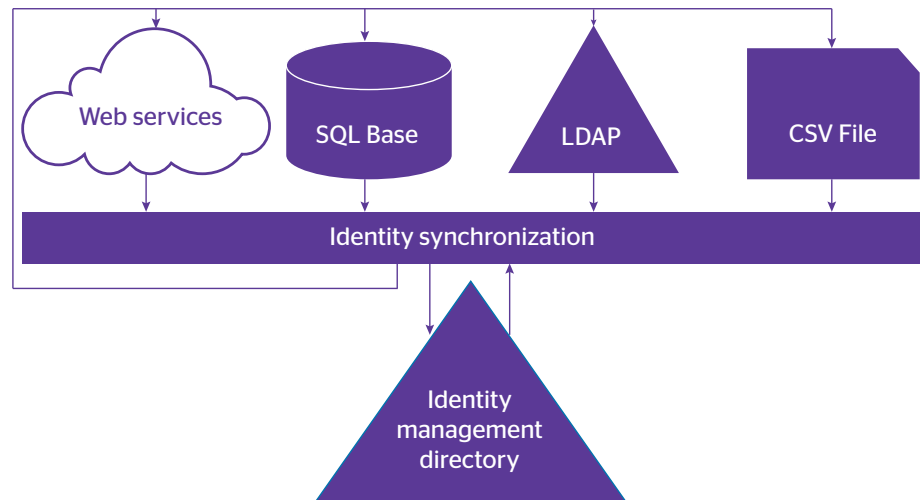
With this suite, you can deploy an access and identity management policy on the entire information system, on a step-by-step basis, with a quick return on investment.

You can exchange data with complete confidence, enforce laws and regulations, protect sensitive applications, develop secure services online and reduce security management costs.

## Updating target repositories

You can use synchronization rules to create a single, centralized repository. You can also use them to update a group of target repositories and thus create a coherent identity on a distributed set of repositories.

This distribution of identity enables you to simply solve problems of directory architecture, network flow optimization or even data homogenization in different and/or incompatible repositories.



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