

Enterprise SSO

Securing NHS access



Trust
in an open world

EVIDIAN
A Groupe Bull Company

The shortest path to Enterprise SSO

Every day, healthcare employees and mobile users access multiple medical applications.

- › How do you facilitate, reinforce and audit these accesses?
- › How do you enforce your security policy without penalizing your users and their productivity?
- › How do you make your users self-reliant and, thus, limit password-management-related helpdesk load?

Evidian Enterprise SSO meets these needs by offering the shortest path to single sign-on.

- Single sign-on with the NPFiT CfH smart card solution**
Local Domain authentication and single sign-on (SSO) to local applications when authenticating with CfH Gemalto smart card
- Fast user switching**
Doctors can rapidly access data without restarting Windows sessions, with full audit trail
- Mobile E-SSO for seamless internet-to-intranet access**
Users can benefit from SSO for web applications accessed via any browser, i.e. NHS Mail.
- Leveraging your existing LDAP infrastructure**
No need to introduce new infrastructure which needs to be secured, scaled, made resilient and managed!
- NHS value-based licensing model**
- Microsoft endorsement**
- NHS reference sites**

Evidian value to the NHS

1 Improve users' effectiveness

The hospital medical staff can more effectively and safely access the data used to treat and cure patients.

2 Reduce your help-desk costs

The help desk is no longer overloaded due to password problems. Support costs are cut by up to 30% ensuring a prompt return on investment. The solution is non-intrusive and adapts to the existing distributed LDAP environment.

3 Secure applications access

No matter the type of workstation used, access to the patients' private data is properly protected by a centralized access control system. User logins to the applications are logged.



“ Evidian's Enterprise SSO further extends the capabilities of Microsoft's Identity Lifecycle Management offering, providing our customers a best of breed desktop/enterprise Single Sign On solution, by utilising the existing availability, resilience and security of Active Directory.

This approach removes the cost of introducing and managing new infrastructure therefore delivering rapid ROI to our customers ”

Daniel Meyer - Identity Management Lead EMEA, Microsoft

CUSTOMER CASE: SHREWSBURY AND TELFORD HOSPITAL

In order to secure and improve access to patient data, the Shrewsbury and Telford Hospital NHS Trust has decided to deploy an authentication and single sign-on solution to protect its healthcare applications. With over 900 beds spread over two sites and 5000 staff, this large county hospital has significantly invested in IT over the last few years. As more and more health information was accessible on-screen, the need for secure and speedy access became critical.

The Evidian Enterprise SSO solution will enforce a global authentication and access policy. It will provide fast user switching to doctors (with context preservation), smart-card authentication with CfH smart card, and single sign-on to all local applications.

With Evidian Enterprise SSO, a Hospital doctor will be able to log onto any PC and access his or her applications instantly by inserting his or her CfH smart card. When the doctor walks away from the PC, the initial user gets back his or her application environment as it was when the doctor requisitioned the PC.

Enterprise SSO makes your hospital more efficient

1 Reinforce your security.

Password thefts can jeopardize a hospital. Evidian Enterprise SSO secures applications and, at the same time, facilitates access to them. A station and its applications are protected by a single means of access: password, biometrics, CfH card, USB token, etc.

2 Guarantee access to applications.

Your users will no longer be blocked due to a forgotten password; they can, thus, concentrate on their tasks. If a user loses his or her means of access, he or she can continue authenticating in accordance with your security policy.

3 Ensure speedy deployment

Evidian Enterprise SSO can be deployed within a few days. The solution is not intrusive and uses the existing LDAP directory. You do not have to redefine all the rights: actual accesses will be collected and reinforced.



WHY USE EVIDIAN ENTERPRISE SSO?

Your users will naturally comply with your security policy.

Your security policy will no longer be a constraint for your users. They will run the applications they are entitled to, without having to remember or manage their passwords.

Evidian Enterprise SSO enters the passwords in place of a user, and can change the passwords automatically using strict formats. In this case, the user will no longer know the actual passwords for these applications.

Security can be reinforced through strong multi-factor authentication (biometrics, CfH cards, USB token, etc.).

Accesses to all your applications will be recorded in a centralized audit database. You will be able to reconstitute a user's route and, thus, deduce his or her applications used.

Your operating costs will be reduced thanks to service continuity.

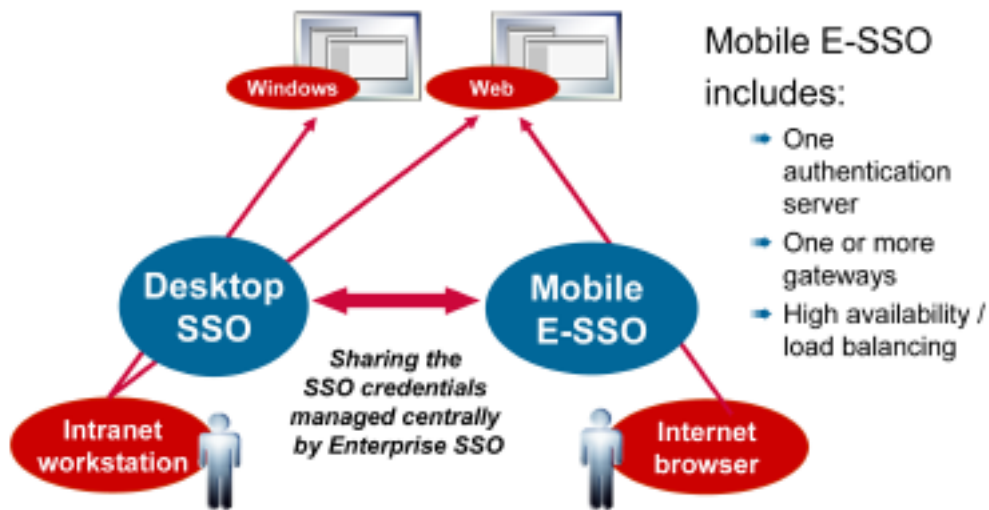
Evidian Enterprise SSO will handle application password constraints so you do not have to worry about forgotten passwords or blocked accounts. Helpdesk calls in this regard will fall by up to 30%.

What happens if a doctor notices while away that his or her CfH card is no longer working? Evidian Enterprise SSO will unlock the doctor's access offline and with or without helpdesk

intervention. This way, the user is not blocked by a lost access.

Your information system will open up to the world without risk.

A mobile user can securely access his or her web applications (e.g. NHS Mail) from any internet PC. Evidian Enterprise SSO will use the passwords defined on the user's office workstation.



Boosting the mobility of employees

Mobile E-SSO: seamless intranet-to-internet access

The Mobile E-SSO option extends the desktop SSO experience to users accessing your web applications via the Internet on devices where no client is installed, for example their home PC or a Blackberry. Remote users authenticate using an SSL/VPN gateway, which uses the corporate SSO data store to provide single sign-on to their web applications. Users don't need to know the web applications' passwords.

TECHNICAL BENEFITS

Reinforce your users' authentications with the CfH card.

Each user is assigned a card: the Connecting for Health (CfH) card with a certificate already present for access to the National applications for doctors, and a 'blank' card for users who only require access to local applications.

With this card, each user can authenticate while connecting to his or her PC and during the re-authentication requests associated with sensitive applications. Thanks to this card, a doctor can also requisition a PC in order to access his or her applications immediately.

Easy administration thanks to innovative functions

- ▶ When a user is absent, he or she can delegate his or her accesses without revealing his or her passwords.
- ▶ Local administrators can incorporate their own applications and manage their teams' accesses.
- ▶ Administration roles may concern applications, cards, passwords, audit, etc. When an administrator's functions change, his or her rights are easily transferred or delegated.

A real-world access policy

You will manage access rights and roles with a few mouse clicks. Thus, you can impose that ER workstations be accessed with CfH cards, or that an administration application should not be used from a doctor's PC.

Analyze accesses and administrative actions

Events are stored in a relational database. The console allows analysis by application, user, access point, CfH card, etc.

Enhance the mobility of medical staff with fast user switching

Doctors can securely share a workstation without having to close then reopen a Windows session. Evidian Enterprise SSO authenticates a user, displays the user's environment and manages user switching through CfH card or RFID.

Password reset...

When SSO is first started on a user's workstation, the user chooses three questions/answers. If the user forgets his or her access password, the user answers the predefined questions and resets his or her password.

... even offline!

A mobile user can reset his or her password even when he or she is not connected to the enterprise network. In this case, the user answers the personal questions in his or her laptop login window.

Stop distributing passwords to users.

Together with managing the enterprise identities, a provisioning module or workflow synchronizes application accounts with SSO.

Take advantage of your existing infrastructure.

Evidian Enterprise SSO will use your existing Active Directory or LDAP V3. The entire security data is encrypted and stored in this directory: no other

server is required. Moreover, you may choose to equip only one section for a start and then extend SSO later to thousands of PCs.

Evidian Enterprise SSO collects user passwords. Therefore, it is not necessary to redefine all of them.

Integration into Evidian IAM Suite 8

Evidian Enterprise SSO is part of Evidian's identity and access management solution. It can, therefore, be linked to Evidian User Provisioning to automate password management or send actual access records to Evidian Policy Manager in order to audit and refine the security policy.

SUPPORTED ENVIRONMENTS

Evidian Enterprise SSO is available for Windows 2000, 2003, XP and Vista, Citrix and Windows Terminal Server. Most Windows, HTML or Java applications are configured through simple drag and drop. Specific features of applications are supported in standard (SAP, Notes, and mainframe emulators) or through graphical configuration.

Authentication can be performed with the Gemalto CfH smart card.

The directory containing users and the security policy may be Active Directory or ADAM, Sun Java System Directory Server, Fedora Directory Server, Novell eDirectory, IBM Directory Server or OpenLDAP.

Audit events can be stored in Microsoft SQL Server, MySQL, IBM DB2 or Oracle.

For further information, visit our website: www.evidian.com or contact us: info@evidian.com

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