Imprivata OneSign Spine Combined Workflow

Fast, secure, and auditable clinical access to NHS Spine-enabled applications

Benefits

- Provides fast, secure No Click Access to NHS Spine-enabled applications
- Eliminates smartcard workarounds, improves security, and supports compliance with NHS standards
- Offers support for NHS Spine session roaming with, or without, a virtual desktop infrastructure (VDI), enabling a consistent user experience at the point of patient care, regardless of location or device
- Supports integrated workflow automation for every major EHR

Streamline clinical workflows, simplify NHS Spine access

Access to patient data needs to be supported by technology which optimises clinicians' workflows and provides them with a positive user experience. However, the use of smartcards is often seen as an inconvenient step for clinicians, as it forms an extra security barrier between them and providing patient care. Clinicians resort to alternative solutions to enhance their workflows such as leaving smartcards in machines, sharing login credentials, or using generic logins. This creates risks in terms of information governance, particularly through the lack of an audit trail.

By combining NHS Spine access with convenient two-factor authentication, Imprivata OneSign® Spine Combined Workflow secures patient data by eliminating smartcard workarounds, increases clinicians' productivity, allowing them to focus more on patient care and less on technology, and enables healthcare organisations to meet compliance and information governance standards.

Increased clinician productivity

Imprivata OneSign Spine Combined Workflow streamlines clinical workflows by delivering No Click Access® which replaces re-authentication methods, such as smartcards. Without Imprivata OneSign Spine Combined Workflow, it can take up to 25 seconds for clinicians to log in to an NHS Spine-enabled application, which is multiplied by the number of NHS Spine authentications a user has to complete every day. With Imprivata OneSign Spine Combined Workflow, after an initial login, with just a tap of a badge, clinicians are instantly logged in to their desktop and automatically signed into their NHS Spine-enabled applications without typing a single username or password, or inserting a smartcard.

Secure patient data

Smartcards are leveraged for two-factor authentication to NHS Spine-enabled applications, but clinicians resort to workarounds which expose various security and manageability issues. Instead, Imprivata OneSign Spine Combined Workflow enables secure, fast access which eliminates smartcard workarounds, provides passive and active ways to secure un-attended workstations, and gives greater and more granular control for adherence to security policies.

Current NHS Spine Access Workflow

Initial login

step 1 User logs in to the computer with username and password

step 2 User clicks to open NHS Spine-enabled application

step 3 User inserts a smartcard (when prompted) and enters in a second factor passcode

step 4 User waits up to 25 seconds for the login to complete and gains access to the NHS Spine-enabled application

step 5 When the user is finished, they remove their smartcard and the access to the NHS Spine-enabled application is closed.

Additional logins The user wants to access the same application from a second computer

step 1 User logs in to the computer with username and password

step 2 User clicks to open NHS Spine-enabled application

step 3 User inserts a smartcard (when prompted) and enters in a second factor passcode

step 4 User waits up to 25 seconds for the login to complete and gains access to the NHS Spine-enabled application

step 5 When the user is finished, they remove their smartcard and the access to the NHS Spine-enabled application is closed

8 steps; Up to 25 seconds per login;
This is multiplied by number of Spine authentications the user has to complete per day, across multiple workstations

With Imprivata OneSign Spine Combined Workflow

Initial login

step 1 User badge taps into the computer and enters in a PIN as a second factor

step 2 User clicks to open NHS Spine-enabled application

step 3 User inserts a smartcard (when prompted) and enters in a second factor passcode

step 4 User waits up to 25 seconds for the login to complete and gains access to the NHS Spine-enabled application

step 5 When the user is finished with NHS Spine session, they remove their smartcard as usual. Authentication to the NHS Spine is now encompassed by the Imprivata OneSign workflow.

Additional logins The user wants to access the same application from a second computer

step 1 User badge taps into the computer and enters in a PIN as a second factor

step 2 User clicks to open NHS Spine-enabled application and gains access with no additional authentication requirement

5 steps; 2-3 seconds per login;
The user avoids the long waiting period when they open any Spine-enabled application

Maintain compliance and information governance

Without accurate reporting, NHS organisations are unable to detect poor authentication practices or maintain compliance with NHS standards. Imprivata OneSign Spine Combined Workflow provides granular auditing and reporting on authentication methods and smartcard usage. NHS organisations can now verify when and what type of two-factor authentication has been used and report on NHS Spine-enabled application access.

Application integration

Imprivata OneSign Spine Combined Workflow supports many Spine-enabled applications within the NHS including DXC Lorenzo. As an application which connects to the Spine, Lorenzo requires clinicians to frequently reauthenticate with their smartcard during daily use. Using Imprivata OneSign Spine Combined Workflow, after a clinician's first authentication to the Spine, they are able to continue to work without further need for the smartcard. In addition, where hospitals are using shared desktop computers, Imprivata OneSign Spine Combined Workflow can facilitate the use of Lorenzo when fast user switching is enabled.

Key features of Imprivata OneSign

- **Single sign-on and password management:** Imprivata OneSign supports a broad range of authentication methods and devices that can instantly identify clinicians for desktop access without disrupting their workflows or thought processes.
- **Secure, fast user switching for shared workstations:** While Imprivata OneSign largely eliminates the need for passwords, if clinicians forget their password, Imprivata OneSign Self-Service Password Management lets them quickly and easily reset it, reducing help desk calls, and improving overall productivity. Imprivata OneSign enables secure fast user switching between concurrent Windows desktops or kiosk workstations, reducing login times, while protecting patient data.
- **No Click Access to virtual desktops:** Imprivata Virtual Desktop Access simplifies and expedites desktop access and application single sign-on for virtualised environments.
- **Advanced walk-away security:** Imprivata OneSign offers passive and active ways to secure unattended workstations and protect patient data. Fade to Lock gradually fades a user's screen before securing their desktop based on the time policy established by the administrator and the specific desktop's location.
- **Integration and interoperability with EHR and clinical systems:** Imprivata OneSign has been integrated and deployed with every leading EHR and with most of the more specialised solutions and clinical applications.
- **Complete monitoring and simplified reporting:** Imprivata OneSign records all local and remote network authentication and application access events in a centralised database within a hardened virtual or physical appliance.

Imprivata OneSign Spine Combined Workflow provides granular auditing and reporting on authentication methods and smartcard usage.

Integrated platform-level solution

Imprivata OneSign integrates with other Imprivata and partner solutions to enable all NHS trusts – whether GDEs, Fast Followers, or trusts looking to improve digital maturity – to access patient information both securely and conveniently. Advanced integration provides transaction authentication for clinical workflows and enables Imprivata OneSign users to securely access clinical systems on premise, in remote locations, on mobile devices, and in virtual environments, further supporting the requirements of digital maturity:

Other Imprivata solutions integrated with Imprivata OneSign include:

- **Imprivata Confirm ID** – the comprehensive identity and multifactor authentication platform for remote access and clinical workflows such as medication ordering, witnessing medication wasting, CPOE, blood administration, and others. Imprivata Confirm ID leverages the same infrastructure as Imprivata OneSign, which reduces complexity and TCO, and the same Imprivata OneSign credentials can be leveraged across each of these solutions.
- **Imprivata Mobile Device Access** – healthcare's only mobile authentication solution that enables fast, secure access to clinical mobile devices and applications. Users can access shared clinical mobile devices with the simple tap of a proximity badge and can then single sign-on (SSO) into their applications. Users can access shared clinical mobile devices from an ever-expanding list of vendors supported by Imprivata, including Spectralink, Honeywell, Zebra, and others.
- **Imprivata Medical Device Access** – enables fast, secure authentication for accessing and transacting with patient information on medical devices such as Welch Allyn, Philips, and Capsule to better enable organisations to implement foundational security best practices with modalities that are tailored specifically to clinical workflows.

About Imprivata

Imprivata, the healthcare IT security company, enables healthcare securely by establishing trust between people, technology, and information to address critical compliance and security challenges while improving productivity and the patient experience.

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