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Simplifying secure clinical access with Citrix Unicon OS and Imprivata

In healthcare, every second counts. Clinicians need instant, secure access to deliver life-saving care — and technology should empower, not hinder, clinical workflows. With Citrix Virtual Apps and Desktops and Imprivata, healthcare organizations already have a strong foundation. Now Citrix Unicon OS completes the picture by simplifying endpoint management and enabling fast, seamless authentication.

The challenge

Healthcare IT leadership and care providers are challenged by the need to navigate multiple logins and remember separate passwords for variety of applications they use regularly. These repeated manual authentications and security requirements disrupt clinical workflows and contribute to major time loss and reduced efficiency. As a result, clinicians may resort to writing down passwords while constant delays and friction lead to inefficiencies, errors, and burnout. Failure to balance this access with complex security requirements, such as those for HIPAA and EPCS can expose organizations to penalties.

Key features at a glance:
Unicon OS (eLux 7 2509)

Imprivata integration

- Full backend integration
- API-enabled access

Login options

- Tap-and-go card
- PIN
- Lock/unlock screen (incl. tap-and-go card)
- Username/password

Session management

- Fast user switching
- SSO to Citrix Storefront
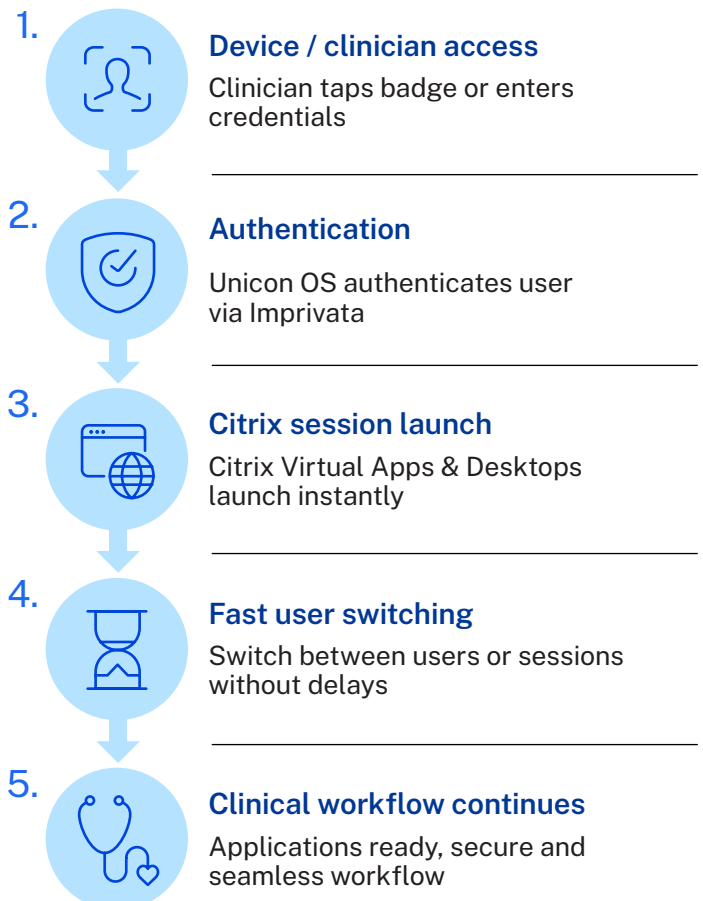- Virtual channel support

Clinical workflow enhancements

- Lockscreen over virtual channel
- Failover support

The solution

Citrix customers can now leverage read-only, modular and purpose built hardened endpoint OS - Unicon - to natively integrate with Imprivata. This built-in integration delivers optimized authentication, SSO and workflow continuity for clinicians. From the first badge tap to the instant launch of critical applications, clinicians experience fast, secure access. Designed specifically for healthcare, it combines the speed and simplicity clinicians expect. At the same time, it offers centralized control and security that IT teams require.

By integrating at the OS level, Unicon OS eliminates the need for additional middleware or complex configuration. IT teams can roll out devices faster, ensure day-0 compatibility with Citrix Workspace App for Linux (CWAL), and rely on unified support across Citrix Virtual Apps and Desktops and Unicon OS.

Clinician workflow

1. **Device / clinician access**
   Clinician taps badge or enters credentials

2. **Authentication**
   Unicon OS authenticates user via Imprivata

3. **Citrix session launch**
   Citrix Virtual Apps & Desktops launch instantly

4. **Fast user switching**
   Switch between users or sessions without delays

5. **Clinical workflow continues**
   Applications ready, secure and seamless workflow

Core outcomes

Clinician time saved
Fewer clicks, faster logins, less burnout.

Lower TCO
One entitlement covers Citrix and Unicon OS.

Regulatory compliance
Stateless OS design, full-disk encryption, TPM 2.0, MFA.

Operational simplicity
Fewer vendors, unified updates, faster support.

Future-ready
Citrix-aligned roadmap ensures longevity and innovation.

Key benefits

- **Instant access:** Tap-and-go authentication and fast user switching for rapid, secure clinical workflows.

- **Secure reauthentication:** Compliant electronic prescription for controlled substances (EPCS).

- **Flexible sessions:** Private or persistent Citrix sessions ensure continuous app availability (e.g., EHR).

- **Centralized control:** Scout management console streamlines configuration, certificate deployment, and updates.

- **Joint support:** Day-0 compatibility, co-engineered integration, and coordinated support between Citrix Virtual Apps and Desktops and Unicon OS.

Business impact

By consolidating Citrix Virtual Apps & Desktops with Unicon OS, healthcare organizations can reduce costs, improve clinician efficiency, and enhance security — all without adding complexity or introducing additional third-party risk. The streamlined vendor landscape supports compliance and audit readiness. Imprivata integration ensures smooth, secure authentication within this ecosystem. For IT leaders, fewer moving parts mean less risk, faster patch cycles, and more predictable performance across all endpoints.

Migration made easy

IT teams can now simplify migration from Windows or IGEL to Unicon OS. Using the automated migration tool, devices can be reimaged in minutes — fully remote, with zero downtime, and no clinician retraining required. Learn more about the migration from Windows and Igel.

Ready to simplify and secure your clinical endpoints?

Contact your Citrix representative to enable Unicon OS and explore the Imprivata integration guide.

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citrix.

Enterprise Sales
North America | 800-424-8749
Worldwide | +1 408-790-8000

Headerquarters
851 Cypress Creek Road, Fort Lauderdale, FL 33309, United States