

Cryptographic Security Platform PKI as a Service for Mobile Device Management (MDM)

Comprehensive Capabilities

Entrust's Cryptographic Security Platform's PKI as a Service (PKIaaS) capability provides customers the scale, speed, security, and simplicity that is required of modern business. It secures use cases through turnkey approaches, solving customer problems while making it straightforward and simple for them to consume. With mobile device management (MDM) or unified endpoint management (UEM) platforms, organizations can easily manage all of their mobile devices and applications, seamlessly enabling enterprise mobility.

CSP's PKI as a Service offers a zero-touch, turnkey integration with leading MDM/UEM vendors – such as VMware Workspace ONE, Google Enterprise MDM via SCEP protocol, Ivanti, and Jamf Pro – for enrollment and management for Windows, Chrome OS, Android, IOS, and macOS. This allows customers to leverage PKI seamlessly with their IT management platform within minutes. Flexible and extensible, devices of any kind can be enrolled securely with extended key and certificate parameters to support advanced identification, authentication, and authorization schemes.

CSP's PKIaaS hosts all the required components to integrate with MDM/UEM vendors so that customers do not need to install or maintain any on-premises hardware or software.

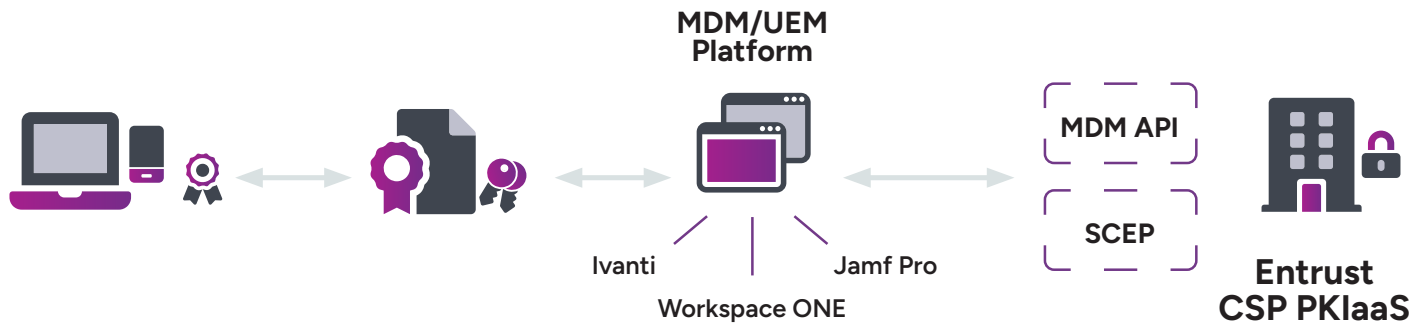
Key Capabilities

- Ensures secure delivery of keys and certificates to devices
- Leverages industry-standard SCEP protocol for maximum device interoperability
- Easy to set up using the GUI; no on-prem footprint
- CRL and OCSP validation services allow for real-time revocation checking

Benefits

- Self-service PKI with an intuitive web-based interface
- Rapid and turnkey deployment
- Secure communications/secure tunnel/VPN
- Cryptography policy and algorithm management (data protection, encryption)
 - Different profiles for different devices – ECC vs RSA (key lengths)
 - Rotation policies
- Support for automatic revocation via MDM
- Future-proof device trust with post-quantum readiness
- Part of Entrust's Cryptographic Security Platform to centralize cryptographic security and compliance
- Cloud-native PKI that leverages 30+ years of Entrust PKI innovation and technology

Entrust PKI as a Service for MDM



The secure enrollment ensures no tampering occurs at any point in the certificate issuance. Organizations can issue certificates via Entrust to provide seamless authentication to applications and on-premises resources, creating a user-friendly, flexible, and cost-effective experience. All in addition to certificate-based authentication.

Part of the Entrust Cryptographic Security Platform: A Foundation for Cryptographic Security and Resilience

Entrust PKI as a Service is a core capability of the Entrust Cryptographic Security Platform - a unified platform designed to help organizations discover, manage, and protect cryptographic assets across hybrid and multi-cloud environments.

The platform provides centralized visibility and control over keys, certificates, secrets, and cryptographic policies, enabling organizations to reduce risk, simplify operations, and strengthen compliance.

Available as on-premises or as-a-service, the Entrust Cryptographic Security Platform allows organizations to modernize cryptographic security at their own pace while maintaining flexibility and control.