HID PKI-as-a-Service (PKIaaS)
Simplify PKI and Reduce Cost

HID PKIaaS enables organizations to quickly create and deploy their own enterprise PKI trust hierarchies to secure their networks, IT systems and IoT devices. HID PKIaaS increase security, eliminates operational complexity and dramatically reduces costs related to operating and deploying an organizational private PKI.

PKI has the advantage of being a foundational security technology that has been implemented for decades in a wide variety of use cases. This longevity in the market has driven commercial computer hardware, operating system and application providers to enable PKI-specific features in those products. In addition, most enterprises have a strong ecosystem of PKI certificate-aware products already deployed in their infrastructure. HID PKIaaS leverages a connector model of certificate automation. With this method, certificate utilities that already exist in the market are added to a platform (such as ACME clients) or are embedded in popular enterprise platforms (like Microsoft Intune).

Using PKIaaS, enterprises can secure authentication and communication between network or mobile devices, machines and IoT devices. HID PKIaaS provides best-in-class infrastructure to protect your digital trust assets. The service includes following features:

- Design and implementation of private trust hierarchy architecture
- Off-line root key custody management
- Management of on-line issuing CA(s) signing, operations, documentation and security processes
- M of N security control model of off-line assets
- Off-line and on-line key material BCP and disaster recovery process
- Management of all certificate validation processes including HA implementation and highly scalable OSCP and CRL processes
- HSM operations and HA model for continuous operations
- Account Certificate Management (ACM) portal to manage both private and trusted certificate services
- Automation support for MS autoenrollment and other standards-based certificate management protocols such as SCEP, EST, ACME and REST API
- Guidance and support for current PKI migration to HID PKIaaS, as well as guidance and recommendations for migration of CA key material obtained in acquisitions

The Need for Automated Digital Certificate Lifecycle Management

Are these concerns familiar?

- Manual certificate management
- Continuous cycle of renewal
- Inconvenient outages
- Security risks
- Reputation dives

Learn how to streamline PKI operations.
Read the white paper >>

HID

HID Global provides three unique services to protect enterprise network or IoT devices.

HID PKIaaS	Features
Dedicated Issuing Certificate Authority Service	Unique trust anchor at the issuing CA level and management of all on-line ICA services Management of all certificate validation systems Works well for organizations that don't need their own off-line root or CPS
Private Root PKI Service	Provides full turnkey service including private root key gen ceremony and management of all off-line key material and online Issuing CA's Management of all online issuing CAs Management of all certificate validation systems Perfect for large organizations with unique trust models and PKI hierarchies or IoT use cases
Trusted TLS/SSL Service	Any certificate type OV or EV, including SANS, wildcard Unlimited sub-domains May place on unlimited servers Certificate automation support with ACME or REST API

Key Benefits

- Dramatically reduce costs and complexity associated with CA management
- Obtain an industry best practices PKI (Trust) infrastructure along with related operations and security
- Reduce operational and compliance risks
- No vendor lock-in cancel and roots and/or ICAs provided as applicable
- Deploy within days with scale
- Secure more systems quickly with automated certificate provisioning and management
- Enjoy one simple annual subscription fee for all your PKI needs, no certificate-based pricing or credits to manage

ABOUT HID PKIAAS

HID Global provides encryption and authentication services to help companies secure computer and network devices, IoT systems and e-commerce transactions. HID Global focuses on helping companies achieve industry best practices related to authentication and encryption, while reducing operating complexity and costs. HID Global's cloud-based, PKI-as-a Service offering allows organizations to obtain authentication and encryption services on-demand, in real-time. An industry-leading fixed-price subscription model eliminates financial and operational barriers that start-ups and Fortune 500 companies alike face in creating strong security practices.

Learn more about HID PKIaaS >>