

Managed PKI Solutions:

How does HID PKI-as-a-Service differ from others in the market?



Public key infrastructure (PKI) provides organizations with a certificate-based network security strategy that prevents breach through the power of algorithmically generated keys. However, even with some sort of PKI solution in place, many organizations still struggle with securing, protecting and administering certificates.

Depending on which solution you select, some of these areas may be challenging because of a lack of scalability, poor or nonexistent automation functionality, or because PKI is being applied too narrowly to fit your organization's unique needs. Ultimately, your selection process can be simplified by looking at a few different factors. Here is how HID's managed PKI-as-a-Service (PKIaaS) stacks up against other PKI models:

		HID Managed PKI-as-a-Service (PKIaaS)	On-Premise PKI Deployment*	Cloud CA Service**
 OPERATIONAL EFFICIENCY - Instantly operational - Speed of integration - Lower cost of ownership - Time saved - Customizable to your needs - Approval Workflows	Ease of deployment – operational in days	●	●	●
	Control of your trust (root) assets	●	●	●
	Future-proof PKI environment	●	●	●
	Guaranteed SLA 99.9%	●	●	●
	Geographically distributed redundant architecture	●	●	●
	Predictable cost with subscription pricing	●	●	●
	Scale as you grow	●	●	●
	Enables policy-based control over certificate requests	●	●	●
 ROBUST COMPLIANCE - Best-in-class secure PKI infrastructure - Natural disaster-proof datacenter - Controlled environment	FIPS 140-2 Level 3 compliant HSM	●	●	●
	M of N security control model of offline assets	●	●	●
	Offline and online key material Business Continuity Planning (BCP) and Disaster Recovery processes	●	●	●
	Stringent security controls to meet the highest security standards	●	●	●

		HID Managed PKI-as-a-Service (PKIaaS)	On-Premise PKI Deployment*	Cloud CA Service**
 BEST-IN-CLASS TECHNICAL ARCHITECTURE • Turn-key solution • PKI expertise • Covers all business use cases	Out-of-the-box integration with enterprise toolset	●	●	●
	Single pane of glass for public and private trust certificates	●	●	●
	Automated certificate lifecycle management for all systems and devices	●	●	●
	Provide trusted SSL and private PKI	●	●	●
	Highly scalable certificate validation through OCSP and CRL	●	●	●
	TLS/SSL Cert Discovery	●	●	●

● Feature is available

● Feature is partially available

● Feature is not available or require customization

***On-Premise PKI Deployment:** These projects typically involve complex and costly infrastructure with multiple resources for proper management.

****Cloud CA Services:** You are still responsible for configuring and managing the infrastructure, and multiple resources are required for proper management. You will lose control of your trust assets.

Reduce Cost, Complexity and Risk with PKIaaS from HID.

HID PKI-as-a-Service is a cloud-based service that enables organizations to quickly create and deploy their own private enterprise PKI trust hierarchies to secure their networks, IT systems and IoT devices. HID focuses on helping companies achieve industry best practices related to authentication and encryption, while reducing operating complexity and costs.

Our cloud-based PKIaaS 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.

For more information about managed PKIaaS visit our [solutions page](#).



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +353 91 506 900

Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108

For more global phone numbers click here

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