

HARDWARE SECURITY MODULE (HSM) OPTIONS ON-PREMISES vs. CLOUD

TWO COMPREHENSIVE SOLUTIONS THAT OFFER SECURITY AND CHOICE

ON-PREMISES Physical HSM	VS.	CLOUD HSM as a Service
 CAPEX investment On-site team required for deployment and configuration Remote Administration for remote maintenance and software updates 	COST	 No installation or CAPEX required for additional hardware All-inclusive maintenance, software updates, and troubleshooting Predictable costs over time
 Factor in delivery, installation, set-up times Scaling up requires additional equipment and installation 	TIME	 Implementation and set up take just a few days Pay-as-you go service
 Physical hardware requires rack space, power, cooling, etc. 	SPACE	 Zero rack space required for the same level of hardened security
 Staff training Recurring overhead of highly skilled resource for monitoring and maintenance 	RESOURCES	 Options for self-managed or fully managed service with maintenance and management by Entrust experts

HYBRID Bringing you the best of both worlds



nShield Security World seamlessly integrates onpremises and cloud HSMs to support a hybrid deployment model with the ability to migrate keys for failover and disaster recovery.



With multi-cloud, single cloud, or hybrid model, you have a dedicated FIPS 140-2 Level 3 compliant HSM giving you complete secure control of your keys and data.



Interoperate with multiple cloud service providers, moving keys to another CSP, or repatriate keys and data to on-premises HSMs while maintaining full control.

Hardware security modules (HSMs) are tamper-resistant devices that protect your cryptographic keys.

Entrust nShield[®] HSMs are among the highest-performing, most secure, and easy-to-integrate HSM solutions, facilitating regulatory compliance and delivering the highest levels of data and application security for enterprise, financial, and government organizations. FIPS 140-2 and Common Criteria certified, with unique nShield Security World key management architecture, they provide strong, granular controls over access and usage of keys.



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