

# Luna Hardware Security Modules

## The foundation of digital trust

### Luna 7 HSM



43% of organizations are using digital transformation technologies to disrupt the markets they participate in or enable greater enterprise agility. As a result more sensitive data is being stored in the cloud, big data and IoT environments, making it more vulnerable to exposure or theft.

\*Source: 2020 Thales Data Threat Report

## Risks are prevalent

Critical information and data harvested today will be exposed tomorrow

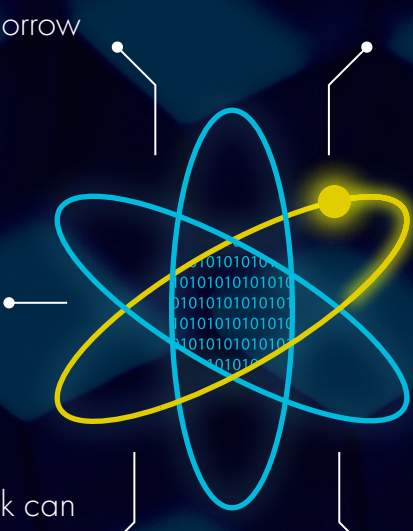
Increase in data and digital services is making security more complex leaving sensitive data at a greater risk than ever before

IoT is expanding the attack surface with every device

5G allows incredible scale but presents the same risks as previous cellular network generations

A single attack can result in your business being inoperative

Quantum computers will soon break today's encryption algorithms



With emerging technologies introducing more vulnerabilities and areas for cyber-attack, the need for encryption, protection and authentication controls in today's digital journey is an obvious one

## Protect yourself with a Hardware Security Module (HSM)

**Reduce risk.** Protect critical digital infrastructures with a strong root of trust that is purpose built, certified and crypto-agile.

**Easily provision and manage.** Meet SLAs and reduce downtime with centralized, streamlined operations.



**Ensure flexibility and visibility.** Secure encryption keys, critical data and digital identities wherever they may be.

**Simplify integration and development.** Quickly secure 100s of applications with a wide variety of APIs, flexible deployment options and superior performance.

## Luna HSMs protecting devices, identities and transactions



**Flexible hybrid deployments**



**Largest partner ecosystem**



**Quantum safe crypto agility**



**FIPS 140-2 Level 3 validated**



**Keys in hardware**



**Designed for modern data centers**

## It's about choice

Luna Cloud HSM

Microsoft Azure

IBM Cloud



On-premises Luna HSMs

**Enterprise Application**  
**Luna Universal Client**  
 Integration with over 400 applications including code signing, PKI through Java, PKCS#11, etc.

- Choose the HSM deployment model for your use case
- Standard APIs
- Integrated ecosystem
- Keys always protected by FIPS 140-2 certified HSMs

## Thales accelerates compliance with cyber security standards



#DigitalTrust



Learn more about how to protect your digitization strategy with a Luna HSM foundation of digital trust.  
[cpl.thalesgroup.com/data-protection/digital-transformation/hsms](http://cpl.thalesgroup.com/data-protection/digital-transformation/hsms)