

**EVIDEN**

# **Trustway**

## **Safeguard your data**

**Encrypt your sensitive data  
with world-class secure  
cryptographic solutions**

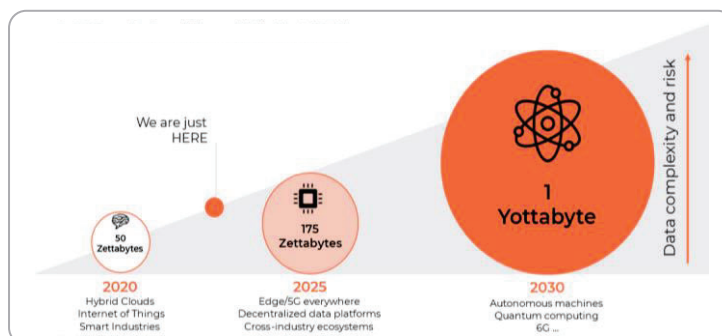
# Adapt to changing regulations and threats

As cyber threats are constantly evolving, securing data became a major stake for companies and critical infrastructures.

Volume of data is constantly increasing, between 2020 and 2030 it will be multiplied by 20!

The threat landscape is continuously changing:

- **Attack surface** is expanding with the rise of cloud, mobile and IoT
- **Attack actors** are motivated as they are after the company's money, sensitive information, key data and reputation
- **Attack vendors** are more targeted and complex and take advantage of all types of system vulnerabilities



Facing such challenges require organizations to adapt their security policy, including data protection measures. Moreover, they must comply to laws and regulations such as GDPR (General Data Protection Regulation). The objective of the GDPR is to strengthen and unify data protection for European citizens in every country. It will have a structural impact on the security of IT systems.

**Beyond mere compliance, companies can build a relationship of trust with their customers and partners through cyber security**



## Personal Data

Data breaches have a huge impact on an organization and its activities. Data protection must be one of the main concerns of the company, as data is one of the most valuable and strategic asset to all businesses.

From affected brand trust to cybercrime costs, cyber-attacks disrupt every business, even legally.

Ensure privacy and data security by choosing a solution compliant with the standards and regulations related to your business (GDPR compliance, HIPPA, PCI DSS etc).



## Cloud Security

Cloud is rapidly and exponentially increasing every year and has revolutionized the working life. Many businesses are drawn by the accessibility of the data, the infrastructure cost reductions and the appeal of services that are adaptable and highly flexible.

More and more SaaS applications are hosted outside the company's walls. This migration to Cloud raises the question of where data is really stored and who can access it. Companies need to be sure that data privacy is ensured.

Identity and access management and especially encryption are the best ways to protect data.



## Payment Protection

Data protection is paramount in the financial sector. In a growing environment characterized by close links between market players, handling of ever larger amounts of capital, and increasingly sophisticated financial products, operational risks have arisen significantly.

Securing transactions demands efficient, reliable and flexible security solutions, fully integrated into information systems and payment systems, in compliance with industry standards such as PCI DSS (Payment Card Industry Data Security Standard).



## IoT Security

In the context of IoT, large quantities of data are generated and have to be transmitted between various entities in this ecosystem.

Cyberattacks targeting connected devices can be harmful and disrupt critical services.

It is therefore vital to deploy an overall device and data security solution adapted to the IoT environments, communication networks and protocols (Low-power long-range such as LoRA or Sigfox, and Short-range such as Wi-Fi, ZigBee or Bluetooth Low Power).

# Trustway strong DNA

## 20 years of expertise

### 1st

cryptographic  
provider of the  
French  
government

### Key player

In European  
sovereignty  
projects

### Manufacturer

100% Certified  
European  
Manufacturer

### Full control

Defense security  
requirements  
benefiting  
Civil products

### Highly Certified

The only HSM on the  
market with ANSSI  
reinforced qualification

### R&D

working on cutting  
edge technologies Post-  
Quantum Cryptography,  
homomorphic encryption and  
blockchain cryptography

### Ecosystem

of research  
laboratories and  
technology partners

## Certified cryptography to meet the highest sovereignty needs



ANSSI

ANSSI Qualification is the French government's recommendation of proven cybersecurity products or services approved by **French national cybersecurity agency (ANSSI)**. There are 3 levels of qualification, the highest being the "enhanced qualification", based on the CC EAL4+ evaluation. As of August 2024, Trustway has the only hardware security module with the **ANSSI "enhanced qualification"**.

Trustway Crypt2pay – Module for Secure transactions is certified FIPS140-2 level 3 and PCI PTS HSM. The **Federal Information Processing Standard Publication 140-2, (FIPS PUB 140-2)**, is a U.S. government computer security standard used to approve cryptographic modules.




# Protect your data with compliant devices

Data protection became a strategic step in your digital transformation journey but most of all a priority in company security policy.

Compliant, flexible and innovative, our Hardware Security Module range brings to companies and critical infrastructures the reliability of an innovative and robust architecture in compliance with strict security demands.


Designed to ensure integrity and security of customers' cryptographic operations, our HSMs guarantee high availability and safe restore, an easy installation and an ergonomic management application.

Why you need **Hardware Security Module**?




### Hardware-Based Encryption


### Safe & Centralized Storage




Tamperproof physical access protection and sensors




Control of all sensitive data




Truly random number generation and strong resilience



Flexible upgrade and update possible



Safe processing and no performance degradation




Independent from all major operating systems

With a Hardware Security Module, you keep the control of all your sensitive data and the security level is not dependent on any external factor, to the contrary of software-based encryption.

## Extensive range of use cases


### Secure data



Safeguard sensitive data and perform cryptographic operations.

- Key storage management
- Data encryption
- Signature
- PKI
- Time stamping


### Secure transactions



Ensure a secure connection and transaction environment for payment and IoT solutions.

- Card payment
- Mobile payment
- Digital wallet
- Smart metering
- Internet of Things

### Secure communications



Secure network communication across IP networks between devices geographically separated to protect data in transit.

- Large distributed infrastructure
- Security for branch offices and mobile users

# Trustway range of products

## On-premise

### Trustway Proteccio™

#### General Purpose HSM

A unique hardware security module (HSM) with ANSSI QR certification, managing all sensitive cryptographic operations of security applications.



### Trustway Proteccio™

#### OEM Appliance

Provides editors and integrators with an open, secure hardware platform for designing certified, scalable cryptographic appliances.



### Trustway Crypt2pay

#### Payment HSM

Crypt2pay is an HSM dedicated to secure transactions with devices like payment cards, smart meters and IoT.



### Trustway IP Protect

#### IPSec

Provides network encryption up to restricted level to help secure your data exchanges



### Trustway DataProtect

#### Key Management System

A centralized key management system embedded in Trustway Proteccio HSM, enhanced with data access control and monitoring features.



## As-a-service

External  
Key Storage



Salesforce  
XKS



Google CSE



Azure DKE

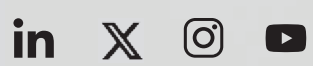


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