

# 2018 FRANCE ENCRYPTION TRENDS

MULTI-CLOUD USE AND REGULATORY COMPLIANCE DRIVE A NEW ERA OF ENCRYPTION AND KEY MANAGEMENT

SEPTEMBER 2018

Survey results from 370 respondents in France



**40%** of organizations now have a consistent, enterprise-wide encryption strategy

Companies in France encrypt sensitive data at rates that exceed global averages

## Threats to sensitive data

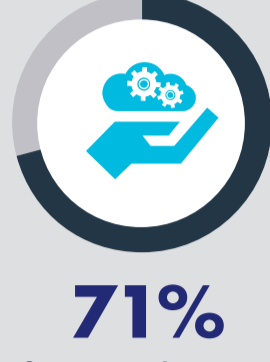


## Multi-cloud encryption



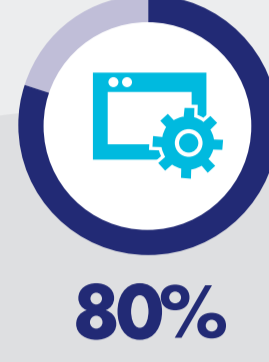
**69%**

of respondents either extensively or partially encrypt in public cloud services



**71%**

of respondents are using more than one public cloud provider



**80%**

of respondents either use the cloud for sensitive/non-sensitive applications and data today, or will do so in the next 12-24 months



**77%**

will use multiple public cloud providers in the next two years

## But control over the cloud is important



**50%**

of organizations indicate that they will only use keys for data-at-rest encryption that **they** control



**57%**

of organizations that use HSMs in conjunction with public cloud-based applications prefer to own/operate those HSMs **on-premise**

A Hardware Security Module (HSM) is a certified, trusted platform for performing cryptographic operations and protecting keys

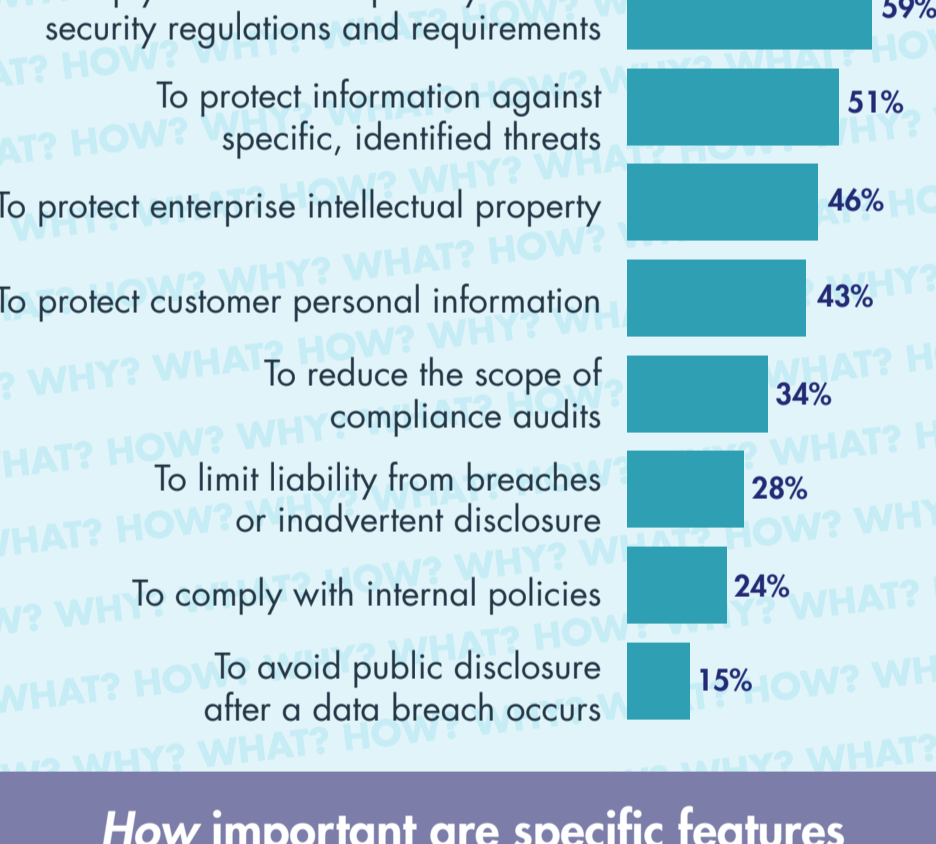


## The Why, What, and How of encryption

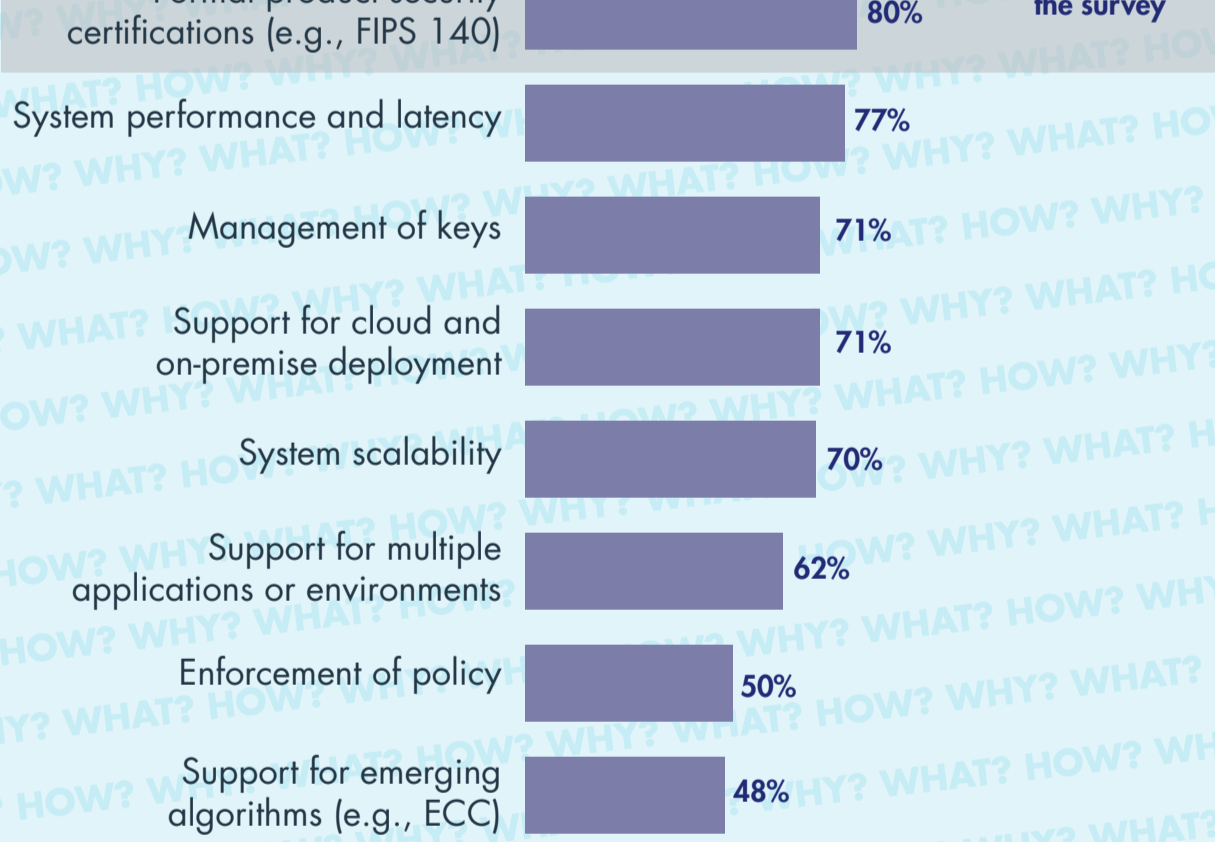
### Why organizations are challenged by encryption



### What are the drivers for encryption



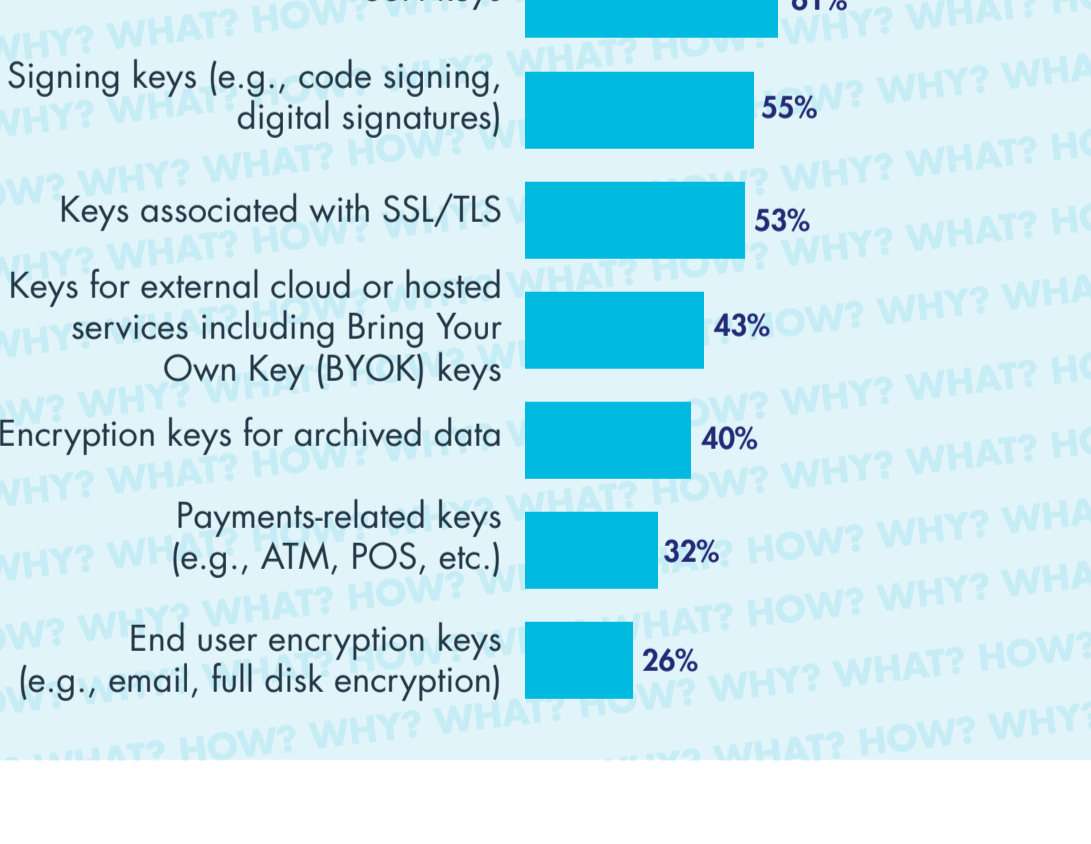
### How important are specific features



Highest of the 12 countries in the survey

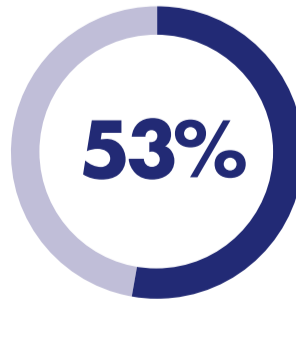


## Key management continues to be a source of pain, with keys for SSH rated as most difficult to manage



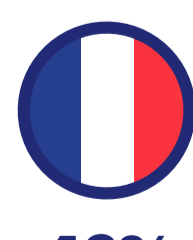
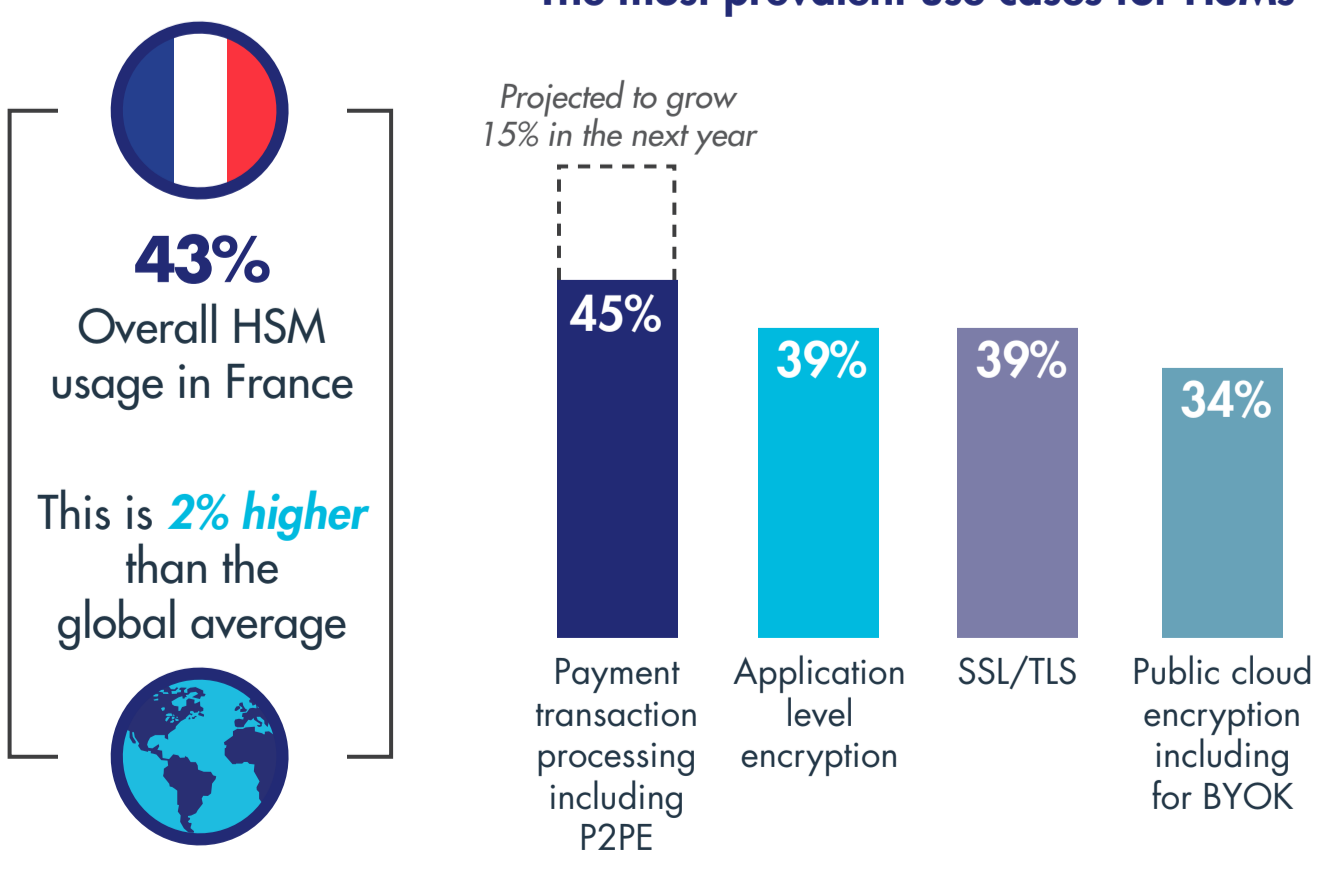
## The important role of Hardware Security Modules

HSMs are increasingly important for encryption and key management, and are being used to support leading edge applications



HSMs were rated as either very important or important today by 53% of respondents

### The most prevalent use cases for HSMs



**43%** Overall HSM usage in France

This is **2% higher** than the global average



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