

2017 JAPAN ENCRYPTION TRENDS

September 2017

ENCRYPTION TAKES CENTER STAGE AS ORGANIZATIONS LOOK TO INCREASE THE SCOPE OF THEIR DATA PROTECTION INITIATIVES AND ACCELERATE THEIR MOVE TO THE CLOUD.



Survey results from 450 individuals in Japan

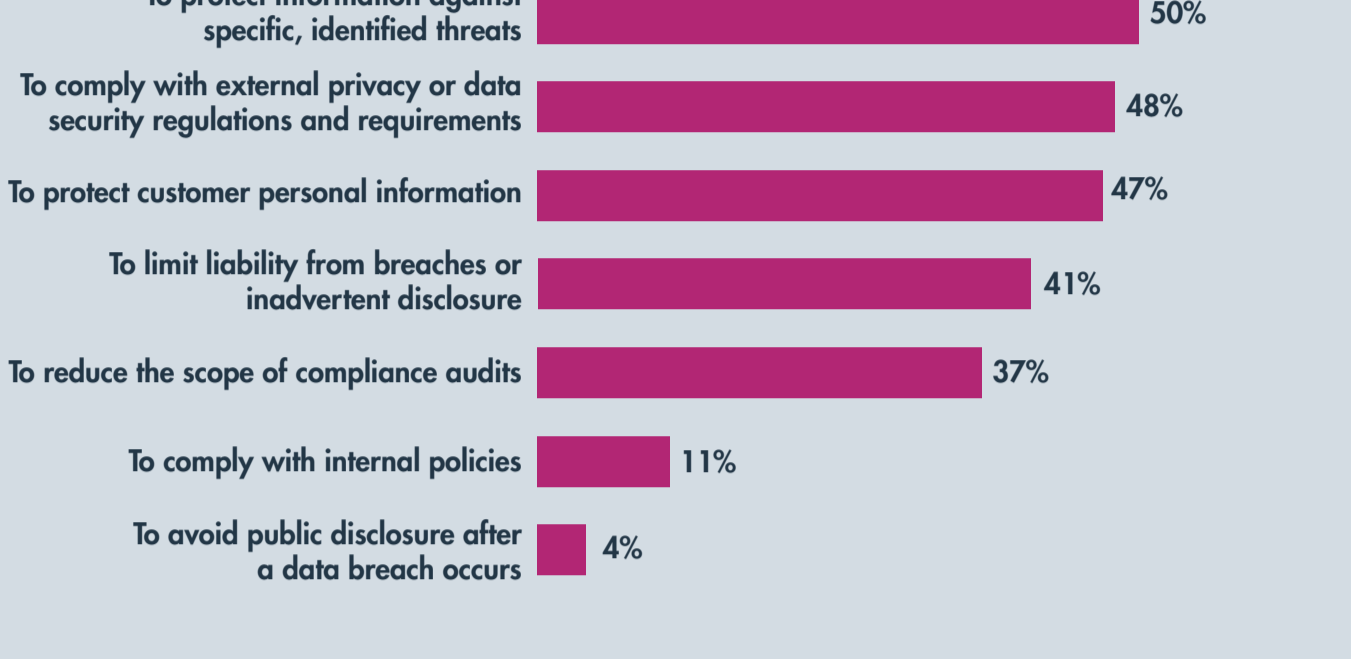
44% of companies now have a consistent enterprise-wide encryption strategy



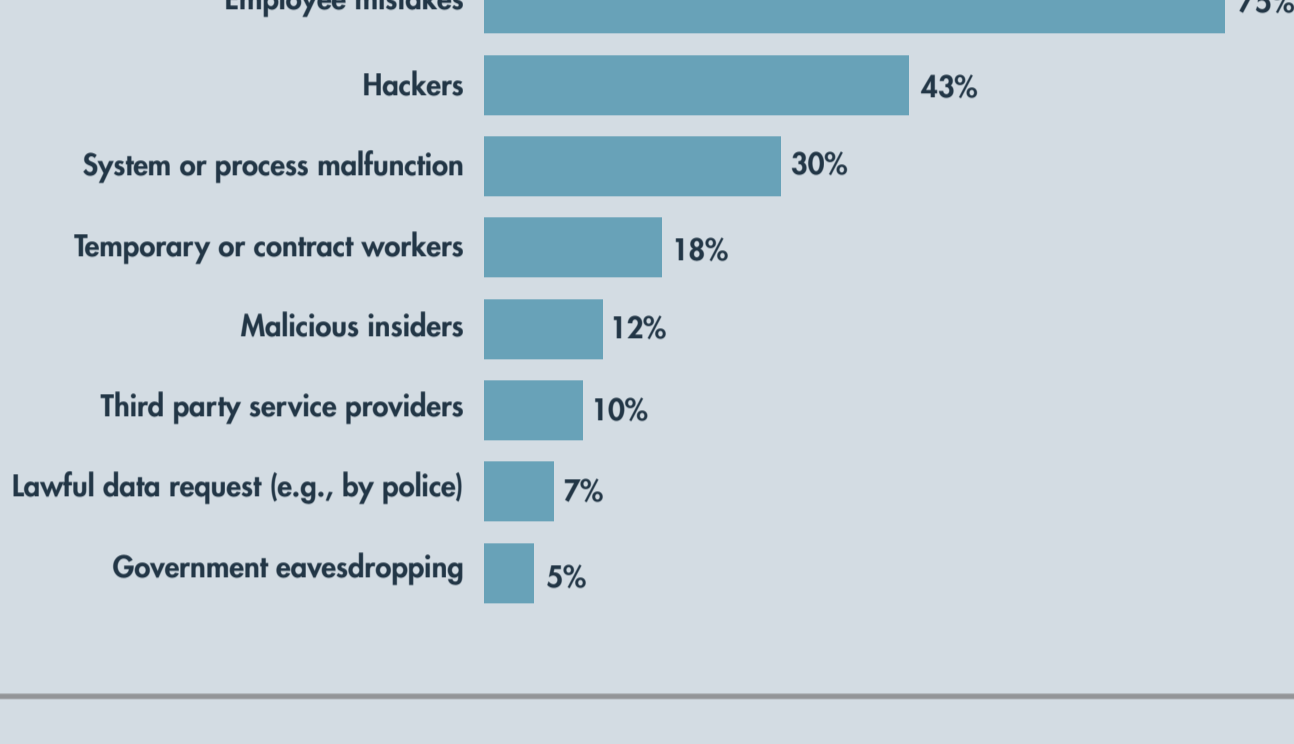
While business unit leaders globally have the highest influence over encryption strategy, **IT Operations** have the most influence over encryption strategy in Japan.

Top Drivers for Encryption

Protection of enterprise intellectual property is the top driver for encryption



The top threat to sensitive data continues to be employee mistakes



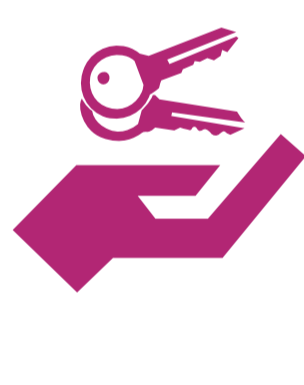
What data is most commonly encrypted?



Encryption deployment grew the most in public cloud services, cloud gateways, and email



40% perform encryption on premise prior to sending data to the cloud with keys they generate/manage



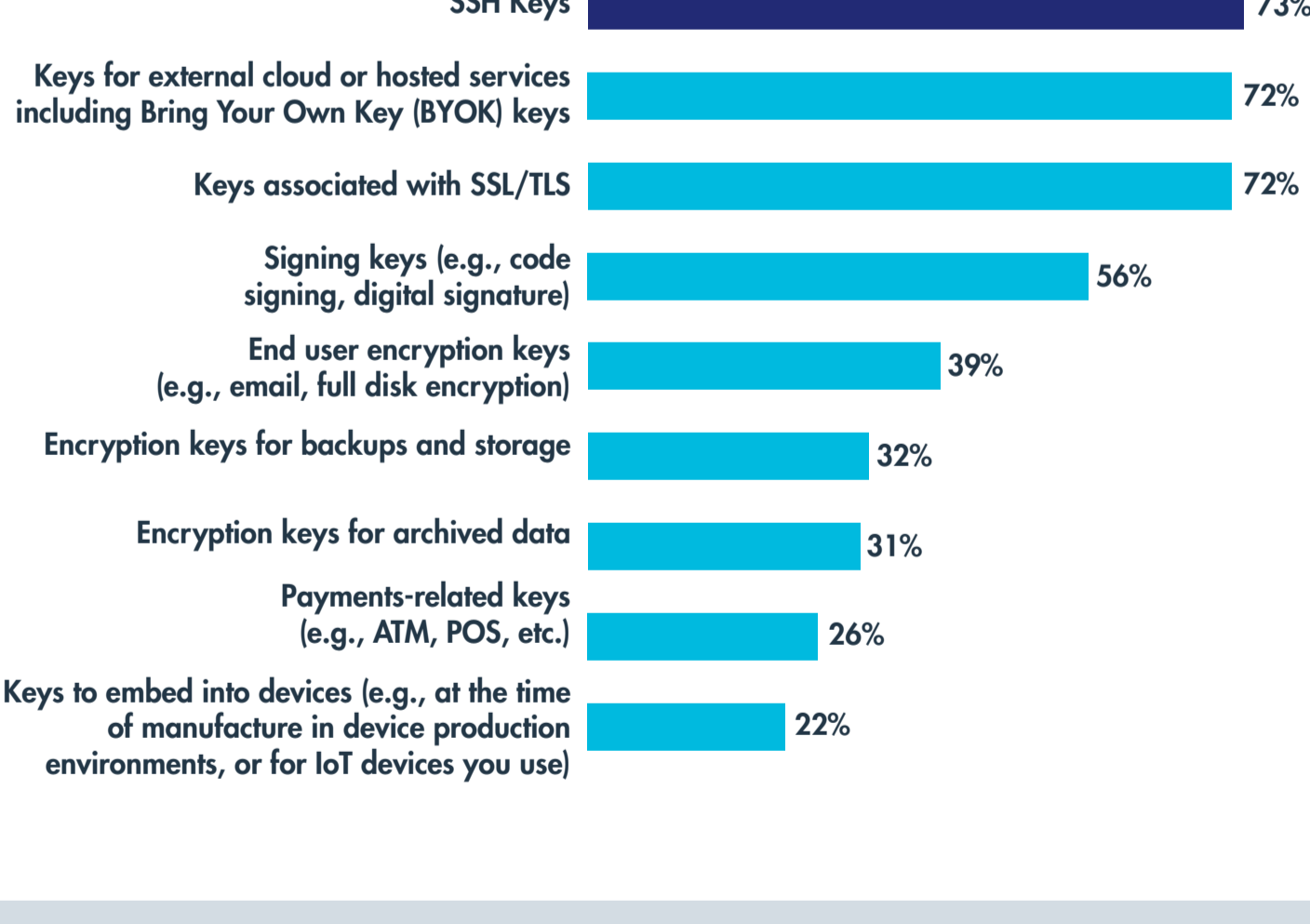
24% allow encryption in the cloud but with keys that are generated and managed on premise



40% are willing to turn over complete control of keys and encryption processes to cloud providers



Keys for SSH, external cloud or hosted services, and SSL/TLS rated as the most painful to manage



OVERALL HARDWARE SECURITY MODULE (HSM) USE GREW TO 41%

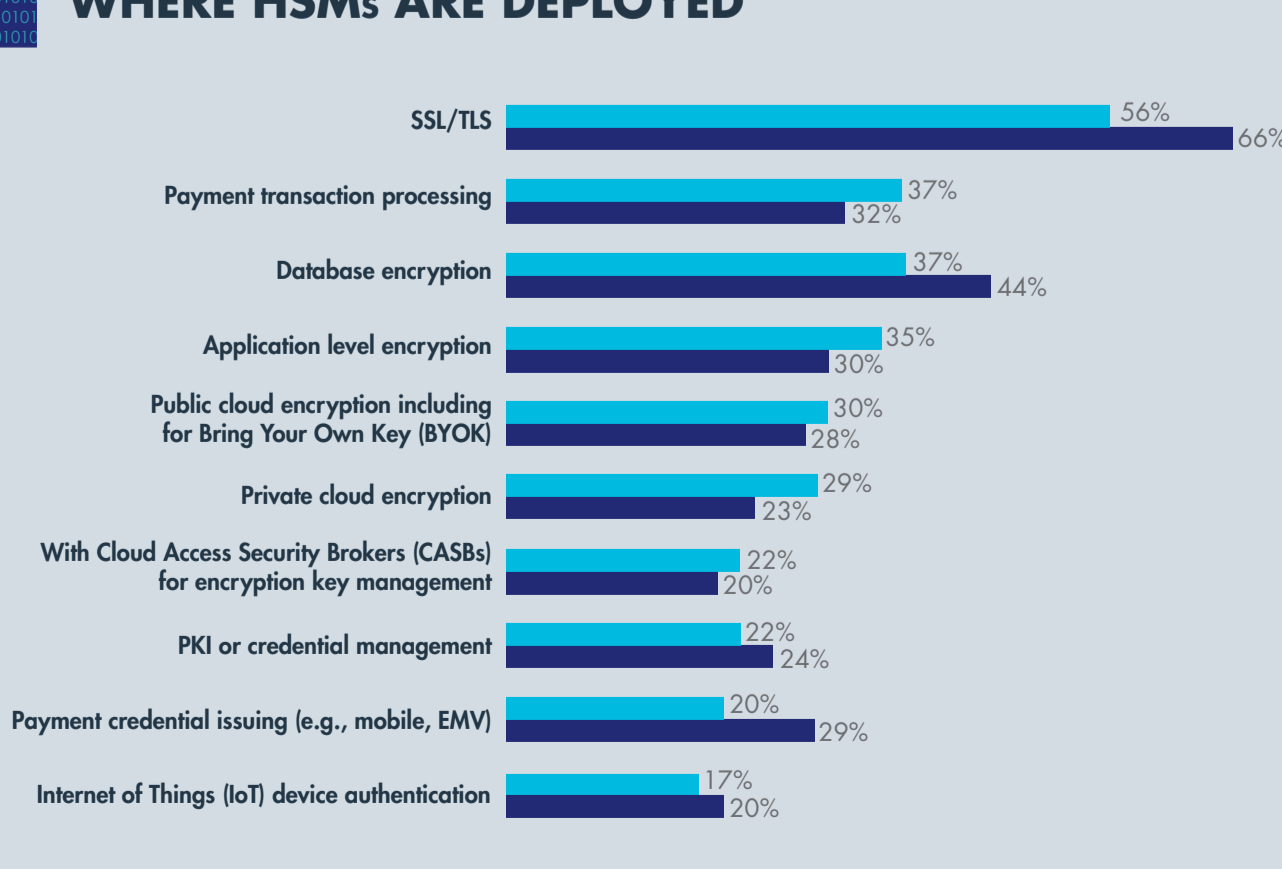
Up 7% over last year!

An HSM is a certified, trusted platform for performing cryptographic operations and protecting keys

HSMs ARE INCREASINGLY BEING USED IN CLOUD USE CASES:

- PUBLIC CLOUD ENCRYPTION INCLUDING BRING YOUR OWN KEY
- CLOUD ACCESS SECURITY BROKERS

WHERE HSMs ARE DEPLOYED



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