

# 2017 INDIA ENCRYPTION TRENDS

June 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 548 individuals in India

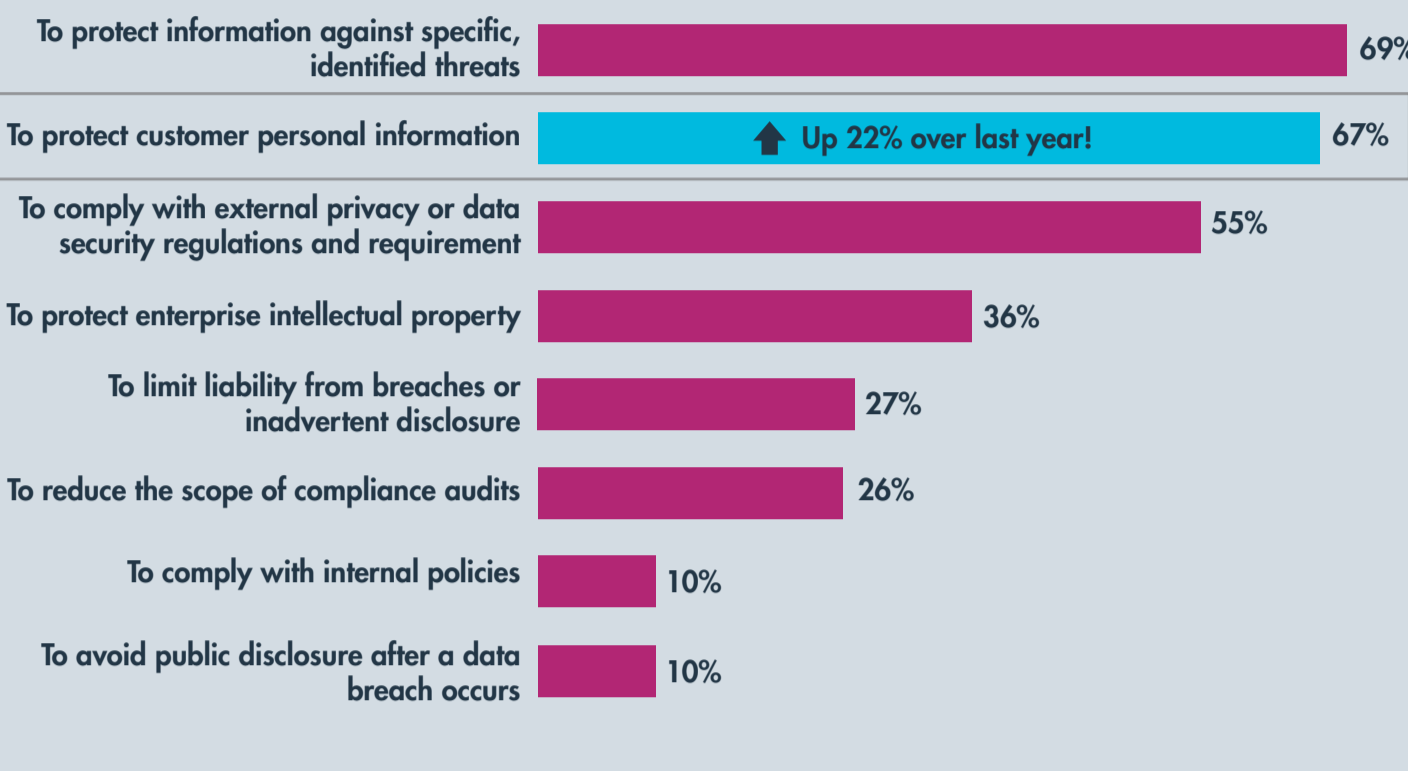
**35%** of companies now have a consistent enterprise-wide encryption strategy



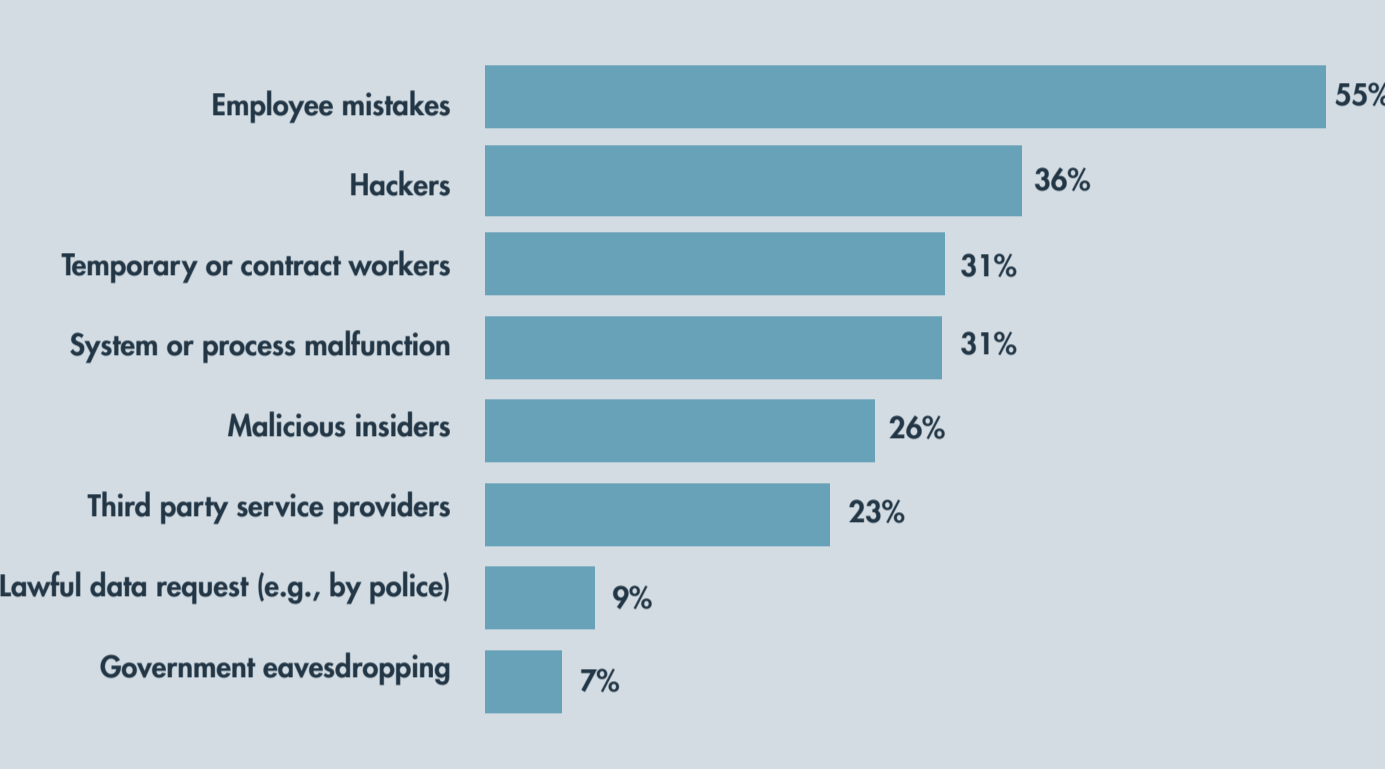
While business unit leaders globally have the highest influence over encryption strategy, **IT Operations have the most influence in India.**

## Top Drivers for Encryption

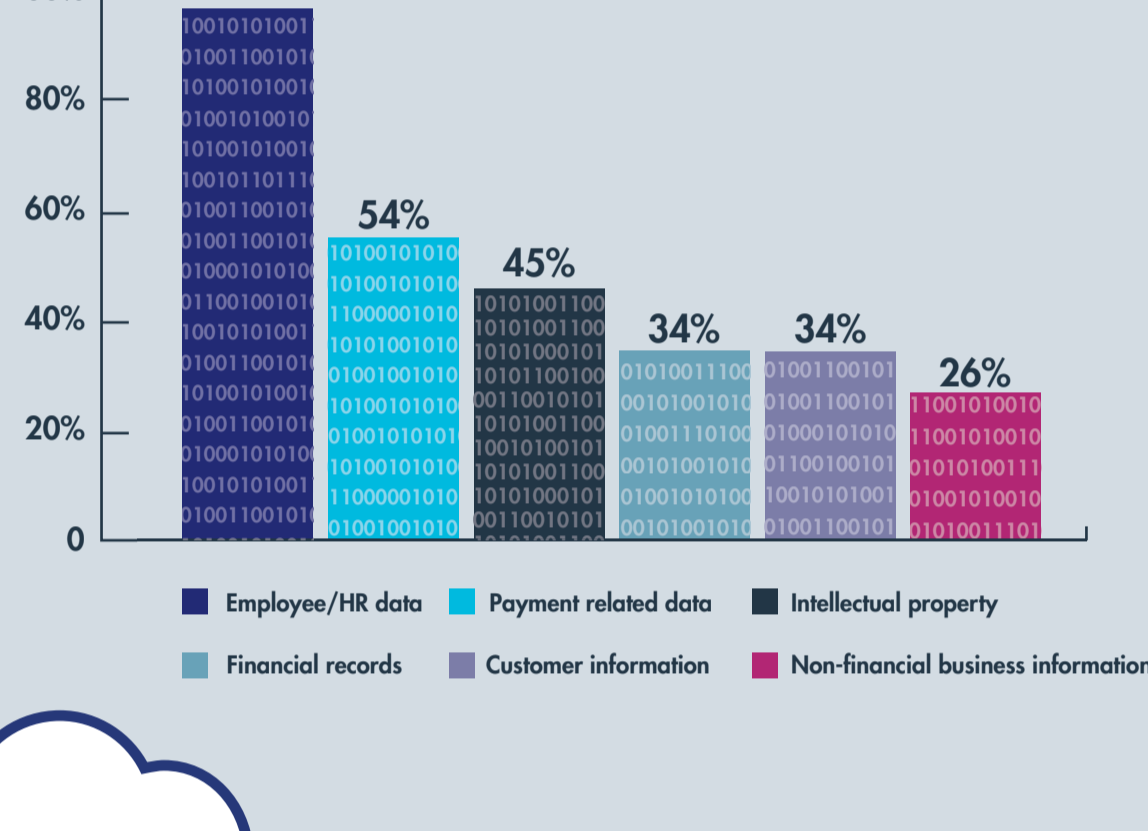
Protection against specific, identified threats is the top driver for encryption



The top threat to sensitive data continues to be employee mistakes



## What data is most commonly encrypted?



Encryption deployment grew the most in databases, big data, and email

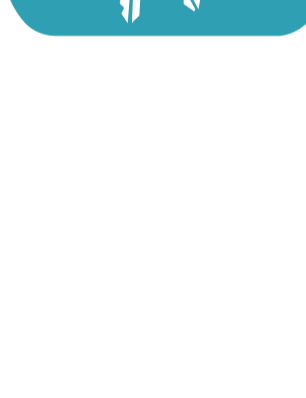
## Organizations continue to show a preference for control over encryption in the cloud



46% perform encryption on premise prior to sending data to the cloud with keys they generate/manage



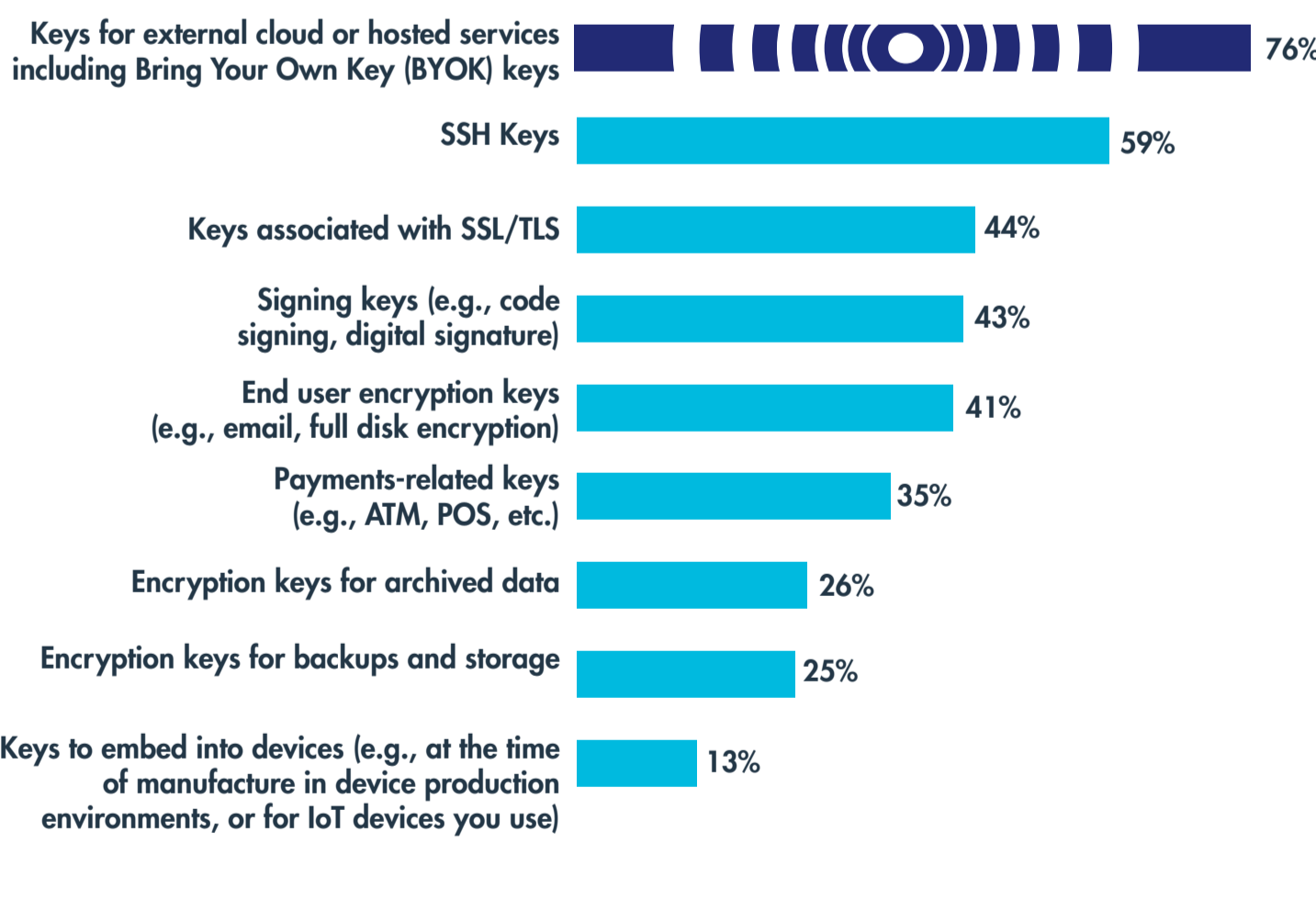
20% allow encryption in the cloud but with keys that are generated and managed on premise



37% are willing to turn over complete control of keys and encryption processes to cloud providers



Keys for external cloud or hosted services rated as the most painful to manage



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

Up 10% 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:



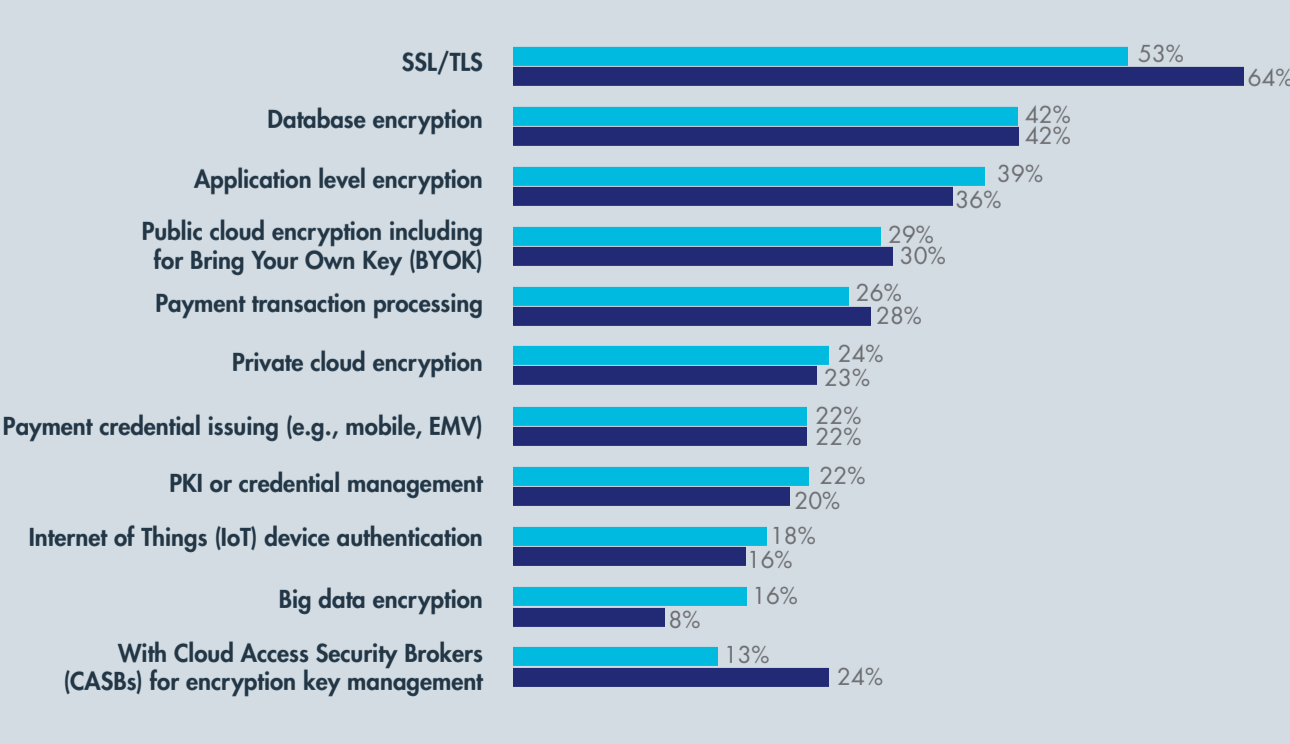
PUBLIC CLOUD ENCRYPTION INCLUDING BRING YOUR OWN KEY



CLOUD ACCESS SECURITY BROKERS



## WHERE HSMs ARE DEPLOYED



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