

DATA UNDER SIEGE ACROSS EUROPE

DATA BREACHES RISE EVEN AS DIGITAL TRANSFORMATION EXPANDS THREAT LANDSCAPES AND THE PAINFUL CONSEQUENCES OF FAILURE TO PROTECT DATA INCREASE

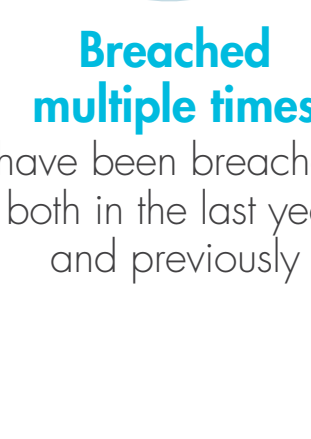
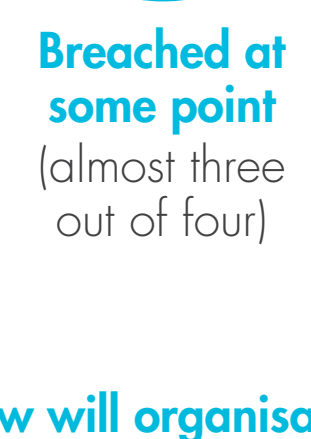
"CLEARLY, DOING WHAT WE HAVE BEEN DOING FOR DECADES IS NO LONGER WORKING. THE MORE RELEVANT QUESTION ON THE MINDS OF IT AND BUSINESS LEADERS, THEN, IS MORE DIRECT: "WHAT WILL IT TAKE TO STOP THE BREACHES?"

—Garrett Bekker, 451 Research Principal Analyst, Information Security

1200+ IT senior security executives surveyed in 8 countries, including 100 each in the U.K., Germany, Sweden and the Netherlands

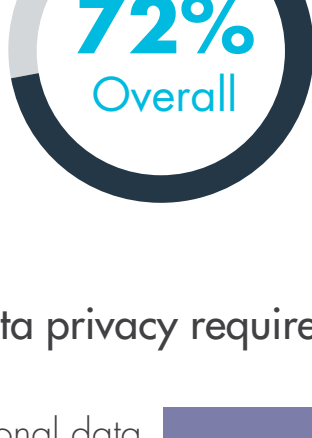
DATA BREACHES ARE THE NEW REALITY

A tidal wave of breaches is rolling across Europe. Few enterprises are spared, and the advent of GDPR increases the resulting risks for organisations

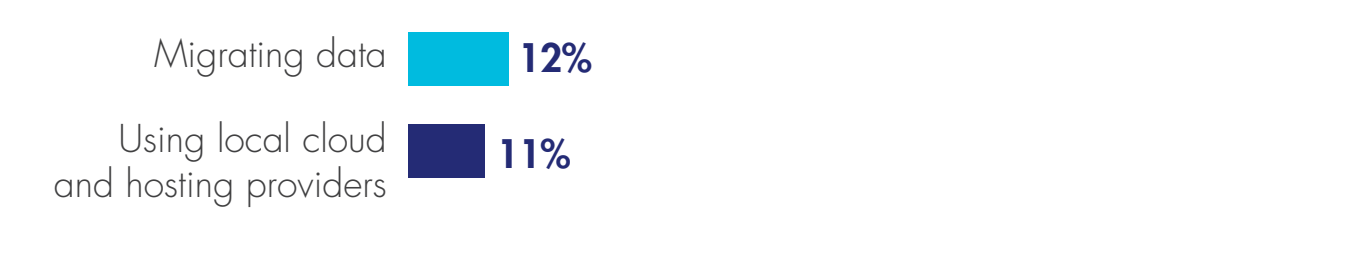


How will organisations mitigate these risks?

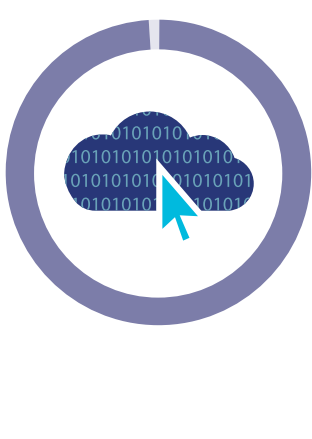
Increasing IT security spending



Meeting data privacy requirements

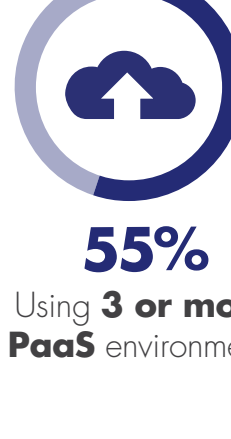
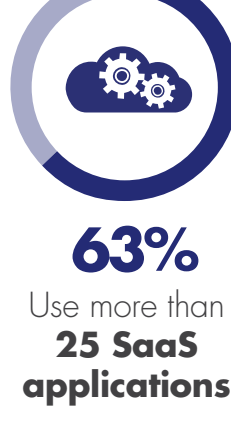
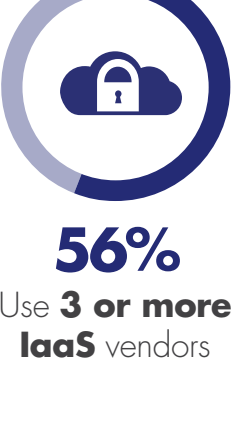


DIGITAL TRANSFORMATION EXPANDS DATA THREAT LANDSCAPES

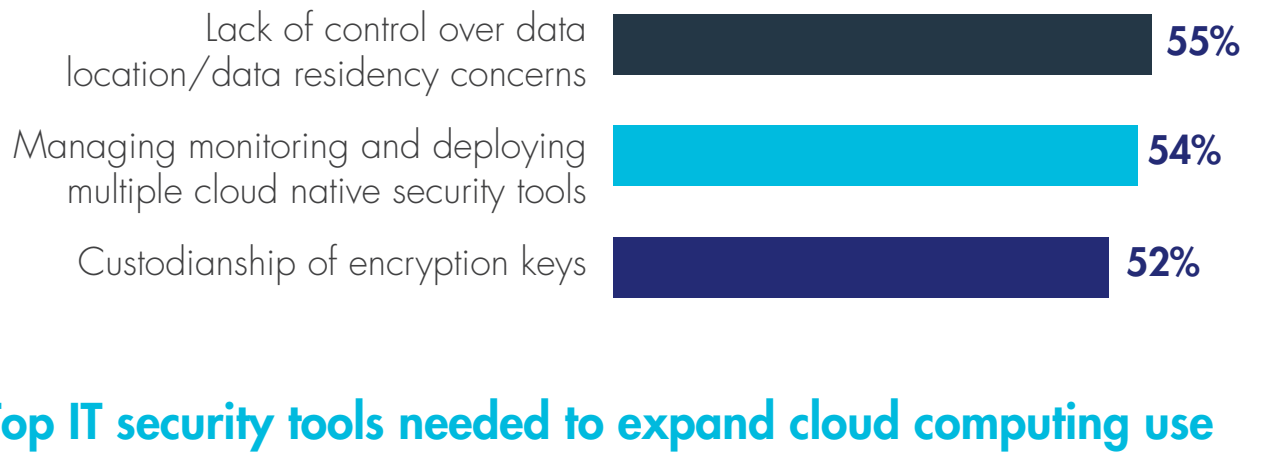


99% use digital transformation technologies with sensitive data (cloud, big data, IoT, containers, blockchain or mobile payments)

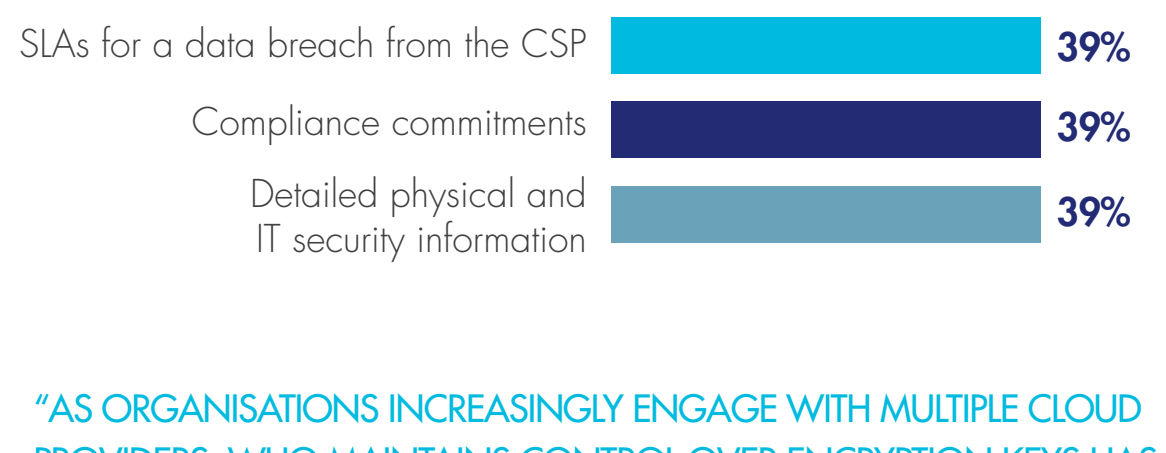
Multi-cloud usage is high, bringing additional risks



Top concerns with cloud computing



Top IT security tools needed to expand cloud computing use



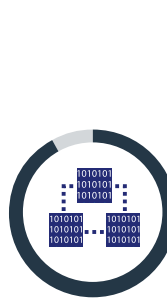
"AS ORGANISATIONS INCREASINGLY ENGAGE WITH MULTIPLE CLOUD PROVIDERS, WHO MAINTAINS CONTROL OVER ENCRYPTION KEYS HAS BECOME A HUGE POTENTIAL ISSUE, PARTICULARLY FOR THOSE WHO TAKE ADVANTAGE OF NATIVE ENCRYPTION SERVICES."

—Garrett Bekker, 451 Research Principal Analyst, Information Security

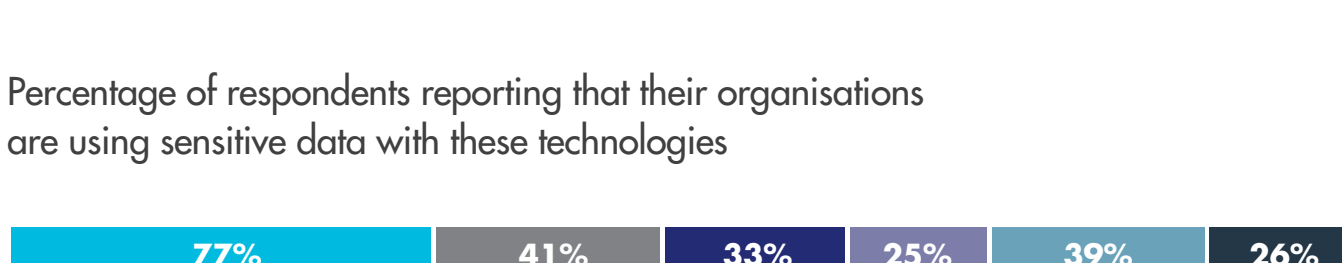
DIGITAL TRANSFORMATION INCREASES RISKS

"THE OVERALL ADOPTION OF CLOUD AND SAAS APPLICATIONS, BIG DATA IMPLEMENTATIONS, IOT, CONTAINERS, MOBILE PAYMENTS AND BLOCKCHAIN TECHNOLOGIES ALSO RAISE SECURITY RISKS OWING TO THEIR RELATIVE NEWNESS, THE UNIQUE APPROACHES REQUIRED TO PROTECT DATA WITHIN EACH ENVIRONMENT AND THE SHEER SCALE OF DEPLOYMENTS."

Sensitive data use in digital transformation technologies is high



Percentage of respondents reporting that their organisations are using sensitive data with these technologies



Machine learning – benefit or threat?

Respondents believe it can be both

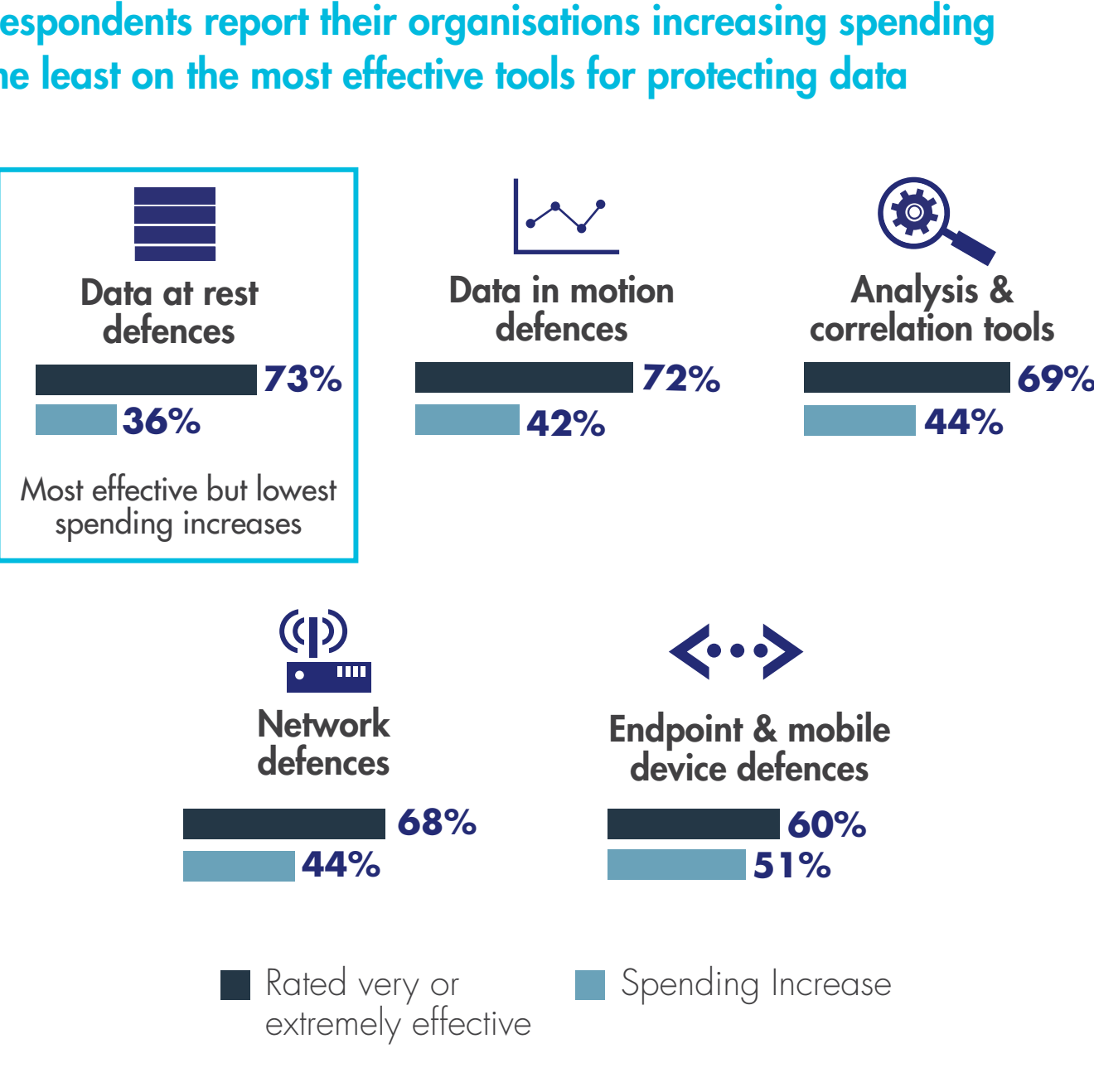


NOT PUTTING THEIR MONEY WHERE THEIR DATA IS

"DESPITE RANKING DEAD LAST IN TERMS OF EFFECTIVENESS, ENDPOINT AND MOBILE DEFENCES SIT AT THE TOP OF SPENDING PRIORITIES FOR 2018 AT 51%, WHILE DATA-AT-REST SECURITY – RANKED AS MOST EFFECTIVE – IS AT THE BOTTOM IN TERMS OF SPENDING PLANS (36%)."

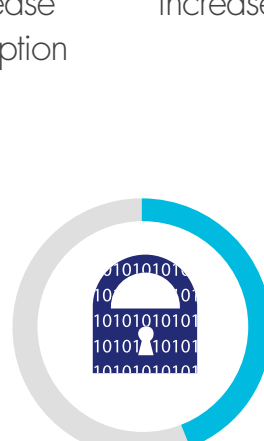
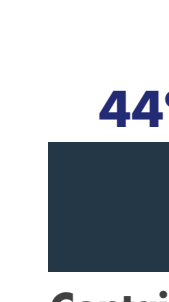
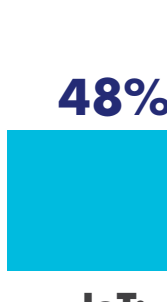
—Garrett Bekker, 451 Research Principal Analyst, Information Security

Respondents report their organisations increasing spending the least on the most effective tools for protecting data



ENCRYPTION IS CRITICAL TO SOLVING DATA SECURITY PROBLEMS

Encryption drives digital transformation and traditional data security



"FIRMS SHOULD CONSIDER GREATER USE OF ENCRYPTION AND BYOK, ESPECIALLY FOR CLOUD AND OTHER ADVANCED TECHNOLOGY ENVIRONMENTS TO BOTH ADDRESS GROWING COMPLIANCE MANDATES AND ALSO TO MOVE CLOSER TO INDUSTRY BEST PRACTICES."

—Garrett Bekker, 451 Research Principal Analyst, Information Security

ABOUT THALES eSECURITY

Thales eSecurity is the leader in advanced data security solutions and services that deliver trust wherever information is created, shared or stored. With encryption, access control, data audit logging, PKI and payments technologies, we ensure that the data belonging to companies and government entities is both secure and trusted in any environment – on-premises, in the cloud, in data centres or big data environments – without sacrificing business agility.

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