

DATA THREATS INCREASE FOR FINANCIAL SERVICES

STRICT NEW REGULATIONS, SOPHISTICATED ATTACKS AND DIGITAL TRANSFORMATION PUT ORGANIZATION'S FINANCIAL AND PERSONAL DATA AT RISK

"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

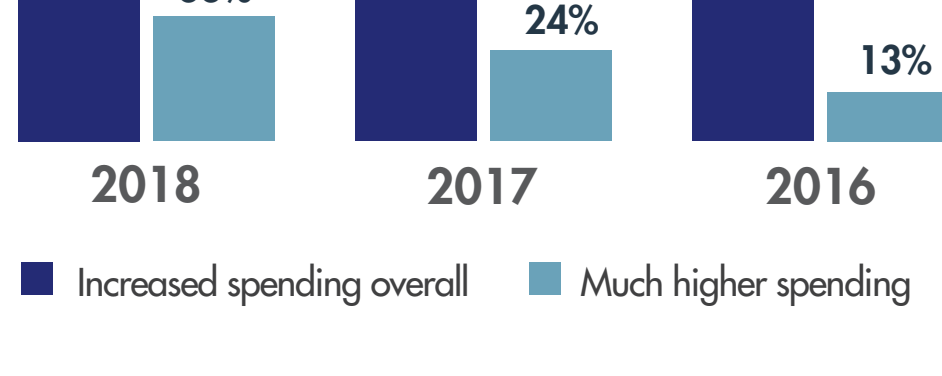
1200+ IT senior security executives surveyed in 8 countries, including 100 each in U.S. healthcare, retail, financial services and federal government

INCREASES IN IT SECURITY SPENDING HAVEN'T STOPPED THE BREACHES

"89% FEEL SOME LEVEL OF VULNERABILITY TO THREATS AGAINST SENSITIVE DATA. MORE TO THE POINT, 49% OF U.S. FINANCIAL RESPONDENTS REPORT FEEL EITHER 'VERY' OR 'EXTREMELY' VULNERABLE."

—Garrett Bekker, 451 Research Principal Analyst, Information Security

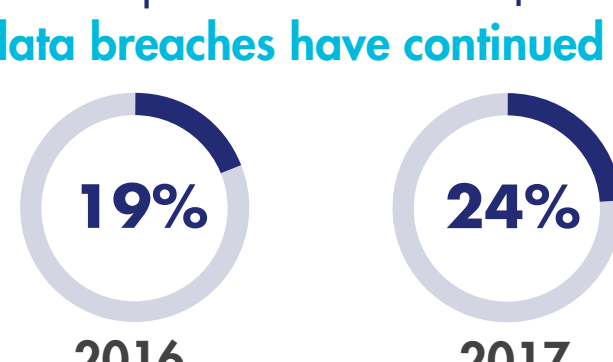
IT security spending increases continue



But haven't stopped record highs in financial services data breaches



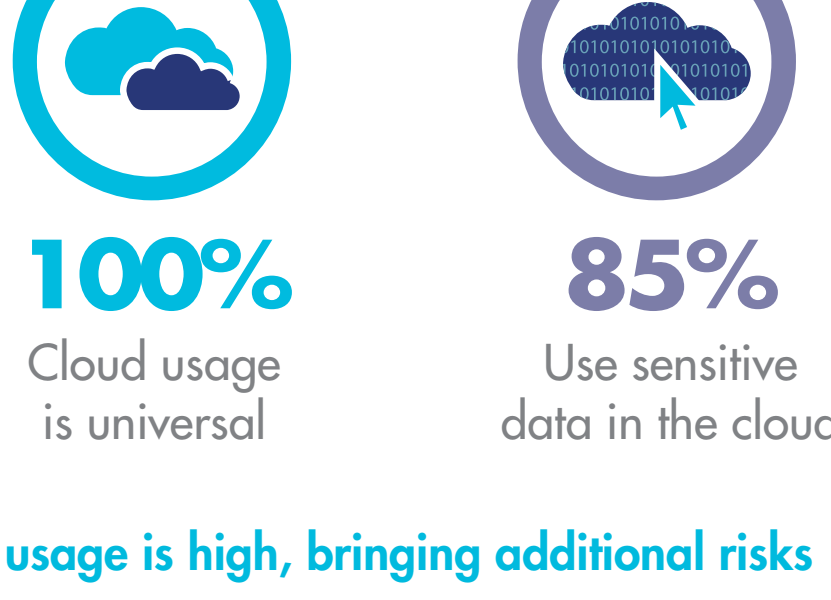
Rates of data breaches have continued to accelerate



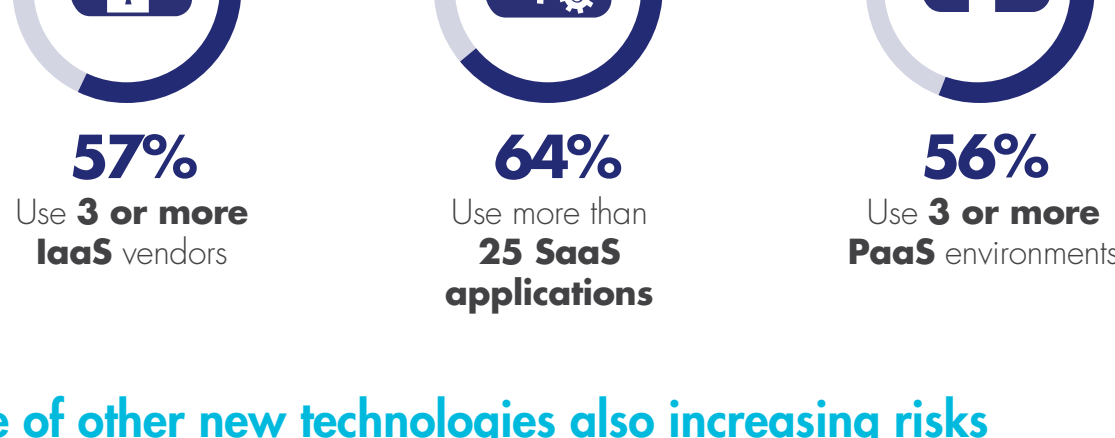
DIGITAL TRANSFORMATION EXPANDS DATA THREAT LANDSCAPES

All IT security pros in financial services organizations that we surveyed use digital transformation technologies with sensitive data (cloud, big data, IoT, containers, blockchain or mobile payments)

Cloud usage the top problem



Multi-cloud usage is high, bringing additional risks



Usage of other new technologies also increasing risks



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



"AS ORGANIZATIONS 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."

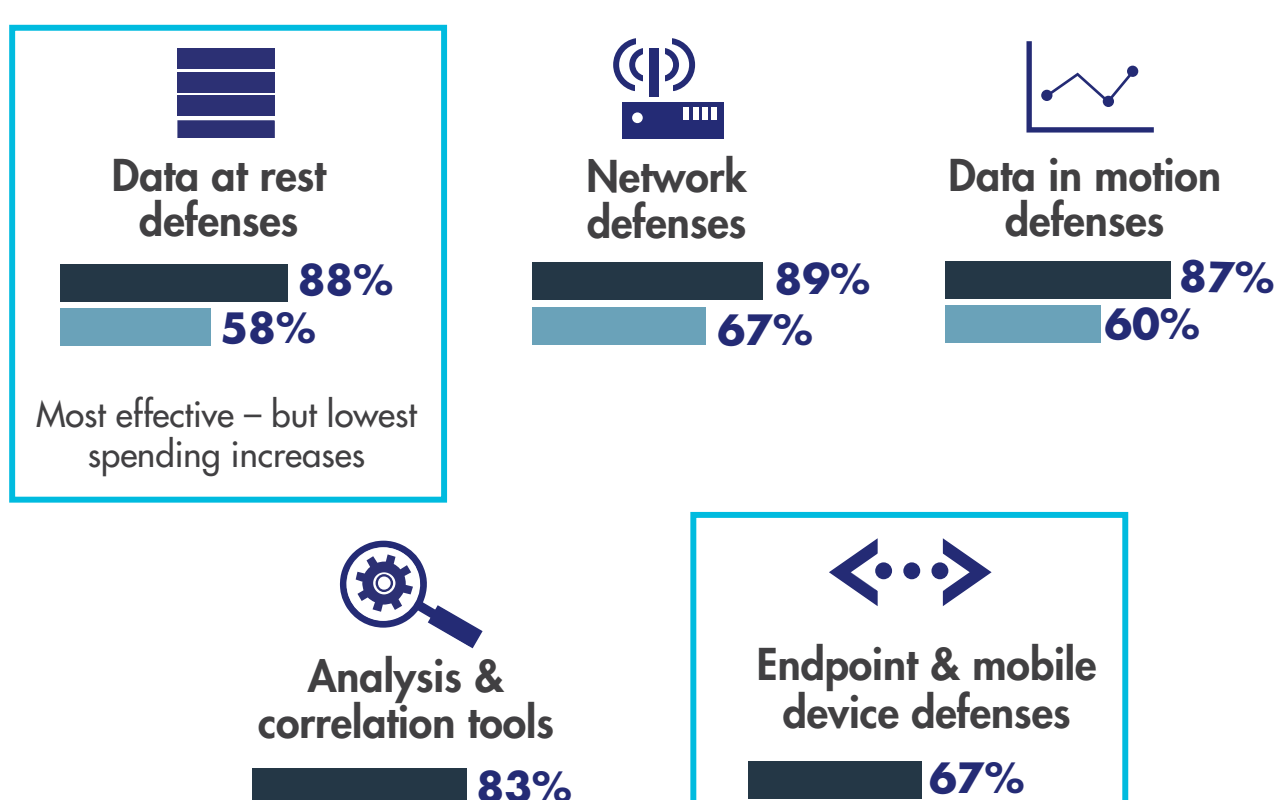
—Garrett Bekker, 451 Research Principal Analyst, Information Security

NOT PUTTING THEIR MONEY WHERE THEIR DATA IS

"A COMMON THEME WE HAVE OBSERVED ACROSS VIRTUALLY EVERY VERTICAL AND GEOGRAPHIC MARKET IN THE THALES 2018 GLOBAL DATA THREAT REPORT ALSO HELD TRUE FOR U.S. FINANCIAL SERVICES: NAMELY SPENDING THE MOST ON DEFENSES DEEMED LEAST EFFECTIVE."

—Garrett Bekker, 451 Research Principal Analyst, Information Security

Respondents report their organizations increasing spending the least on the most effective tools for protecting data – data security

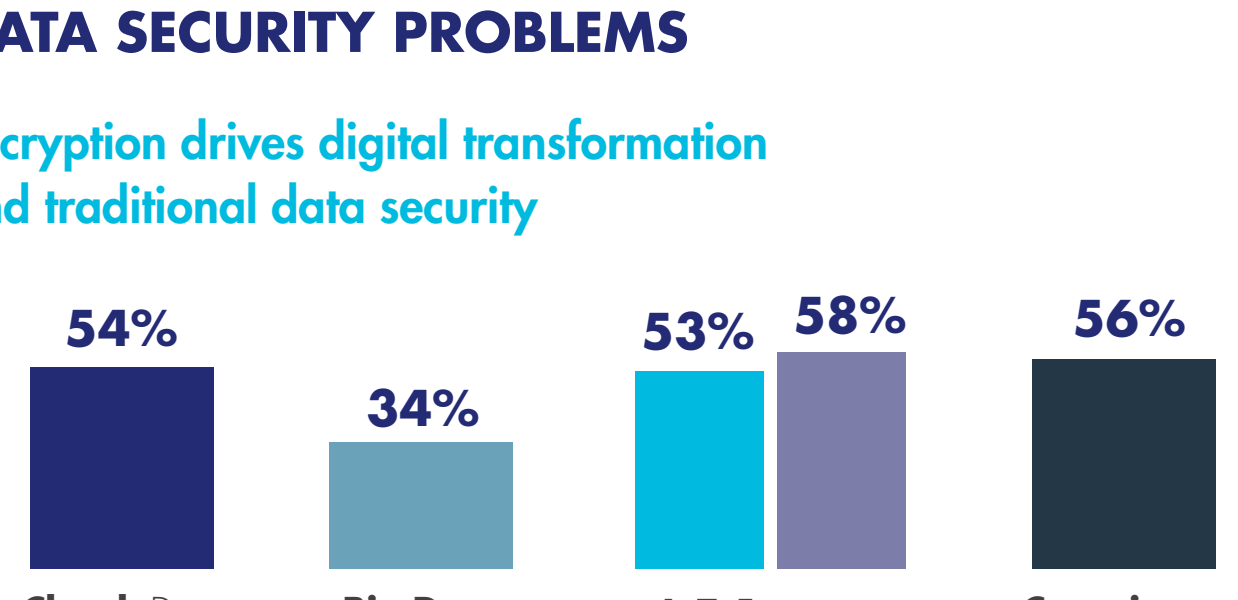


"DATA SECURITY OFFERS INCREASED PROTECTION TO KNOWN AND UNKNOWN SENSITIVE DATA FOUND WITHIN ADVANCED TECHNOLOGY ENVIRONMENTS LIKE CLOUD, CONTAINERS, BIG DATA AND IoT."

—Garrett Bekker, 451 Research Principal Analyst, Information Security

ENCRYPTION IS CRITICAL TO SOLVING DATA SECURITY PROBLEMS

Encryption drives digital transformation and traditional data security



Encryption technologies help to solve new privacy requirements and traditional problems with protecting sensitive data



"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 a 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 centers or big data environments – without sacrificing business agility.

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