



HEALTHCARE DATA – CODE RED

DATA BREACHES ARE THE NEW REALITY

“THE HEALTHCARE VERTICAL HAS EMERGED AS A PRIME TARGET FOR HACKERS.”

“THE REASON IS THAT WHILE A STOLEN CREDIT CARD HAS A TIME-LIMITED VALUE, PHI AND ELECTRONIC MEDICAL RECORDS (EMR) ARE STUFFED WITH IMMUTABLE DATA THAT CAN AND DO FETCH HUNDREDS OF DOLLARS PER STOLEN RECORD ON ILLEGAL ONLINE MARKETS.”

—Garrett Bekker, 451 Research Principal Analyst, Information Security

1,200+ IT senior security executives surveyed in 8 countries

DATA BREACHES SURGE IN HEALTHCARE

Breached ever



More than **3 out of 4** large U.S. healthcare organizations have now been breached (\$250M or larger)

Breached in the last year

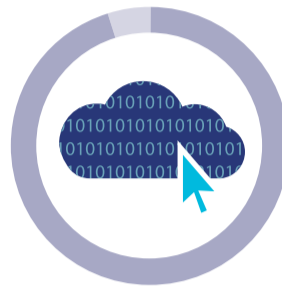


2.5x In the last year, **almost half have been breached – 2.5x higher** than the 2016 results

“MORE THAN THREE-FOURTHS (77%) OF U.S. HEALTHCARE RESPONDENTS REPORTED AT LEAST ONE BREACH AT SOME TIME IN THE PAST – THE HIGHEST AMONG ALL U.S. VERTICALS.”

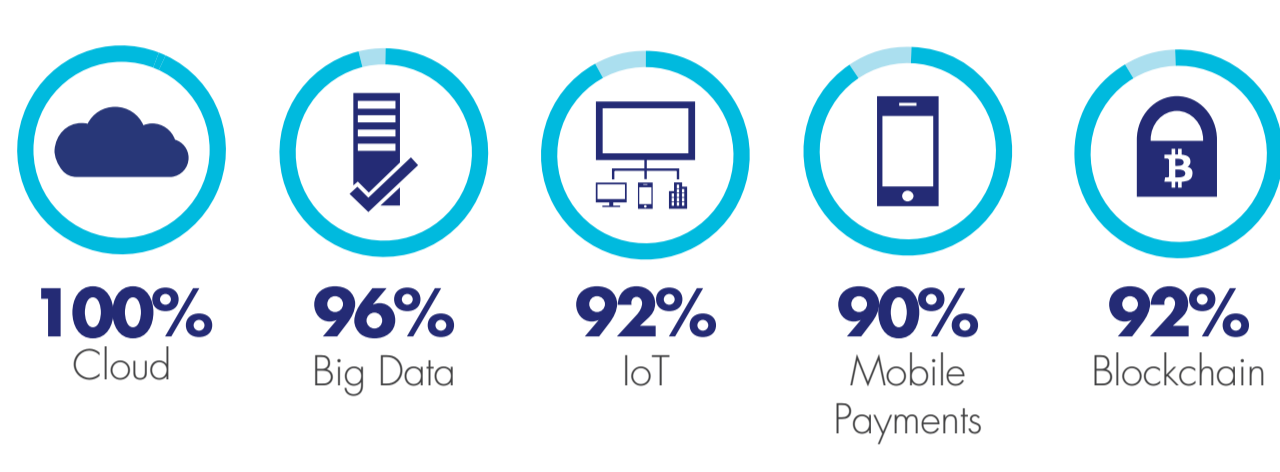
—Garrett Bekker, 451 Research Principal Analyst, Information Security

HEALTHCARE’S DIGITAL TRANSFORMATION ENABLING BETTER HEALTHCARE, CREATING RISKS TO DATA



95% use digital transformation technologies with **sensitive data**

High levels of adoption compound the problem



“GIVEN THAT U.S. HEALTHCARE IS AMONG THE MORE AGGRESSIVE IN TERMS OF MULTI-CLOUD ADOPTION, NOT SURPRISINGLY THE TOP CLOUD SECURITY CONCERN IS MANAGING, MONITORING AND DEPLOYING MULTIPLE CLOUD NATIVE SECURITY TOOLS AT 78%.”

—Garrett Bekker, 451 Research Principal Analyst, Information Security

MULTI-CLOUD OPERATIONS CREATING THE BIGGEST CONCERNS

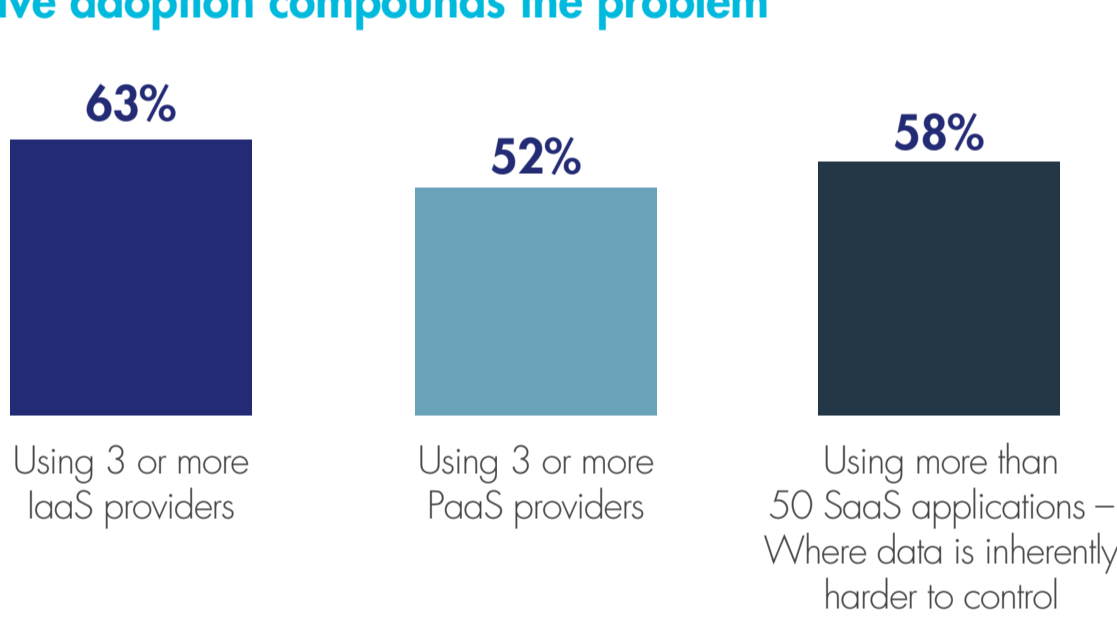
“AS ORGANIZATIONS INCREASINGLY ENGAGE WITH MULTIPLE CLOUD PROVIDERS, WHO MAINTAINS CONTROL OVER ENCRYPTION KEYS HAS BECOME A HUGE POTENTIAL ISSUE, PARTICULARLY FOR THOSE WHO TAKE ADVANTAGE OF NATIVE ENCRYPTION SERVICES.”

—Garrett Bekker, 451 Research Principal Analyst, Information Security

Levels of concern are high



Massive adoption compounds the problem



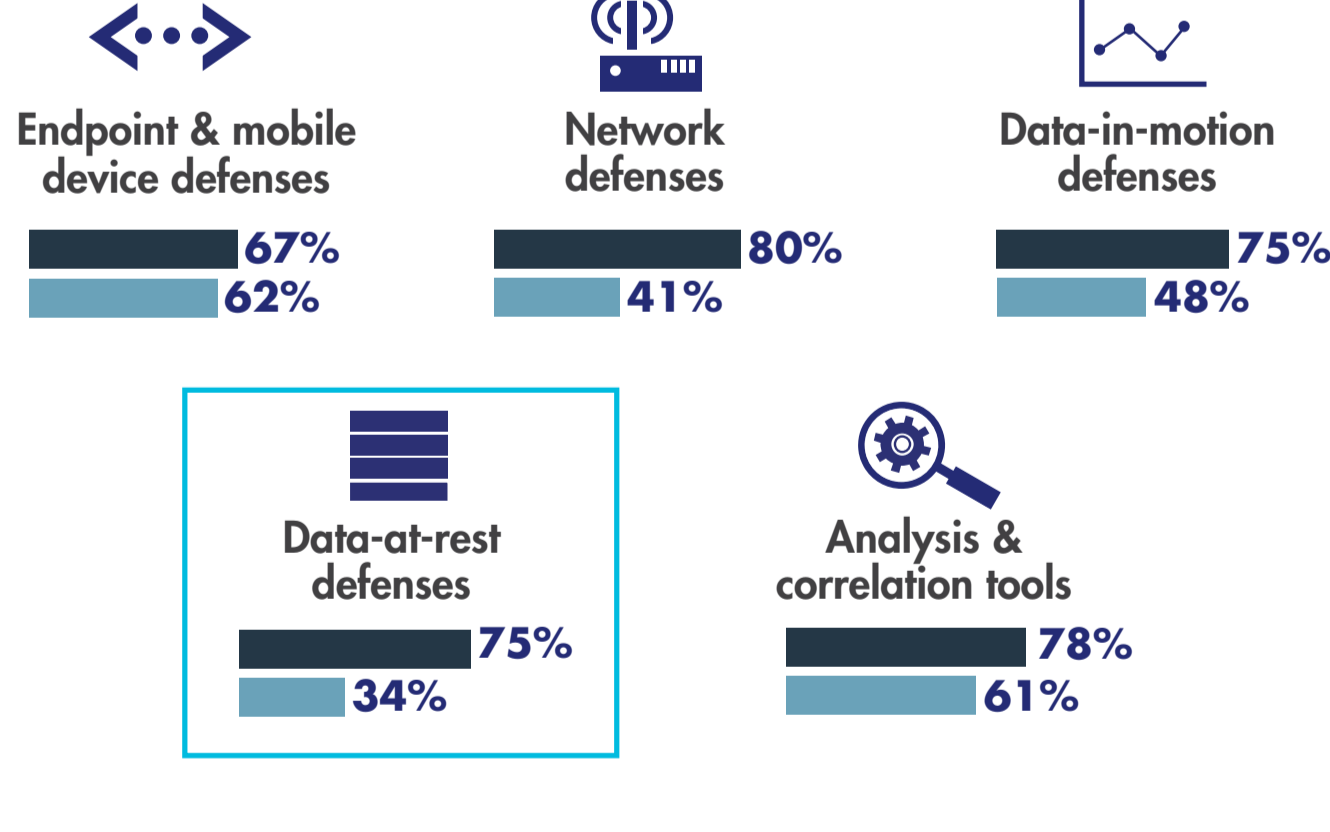
Cloud computing is low on the healthcare IT security spending priority list



NOT PUTTING THEIR MONEY WHERE THEIR DATA IS

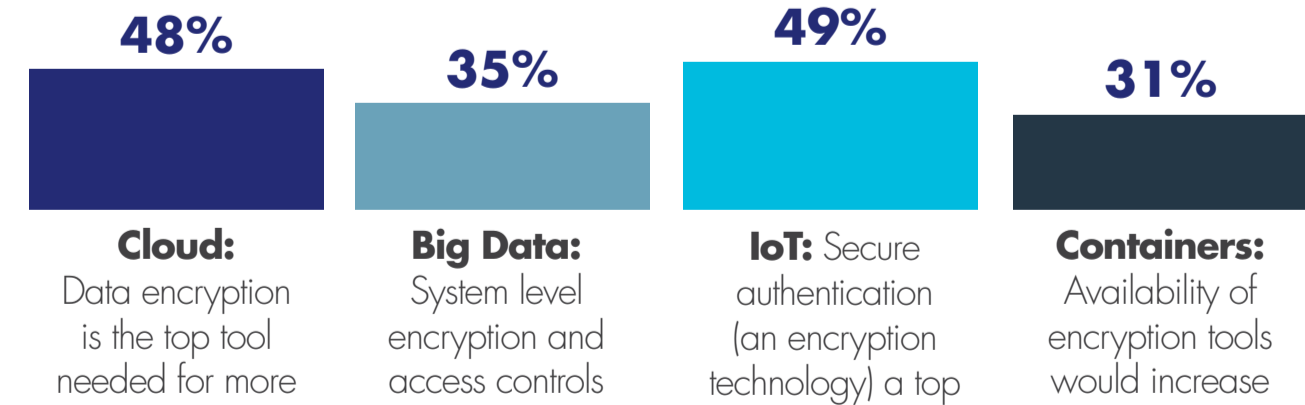
“U.S. HEALTHCARE PLANS TO SPEND THE MOST ON SECURITY FOR ENDPOINT AND MOBILE DEVICES, DESPITE RANKING THESE AS LEAST EFFECTIVE.”

—Garrett Bekker, 451 Research Principal Analyst, Information Security

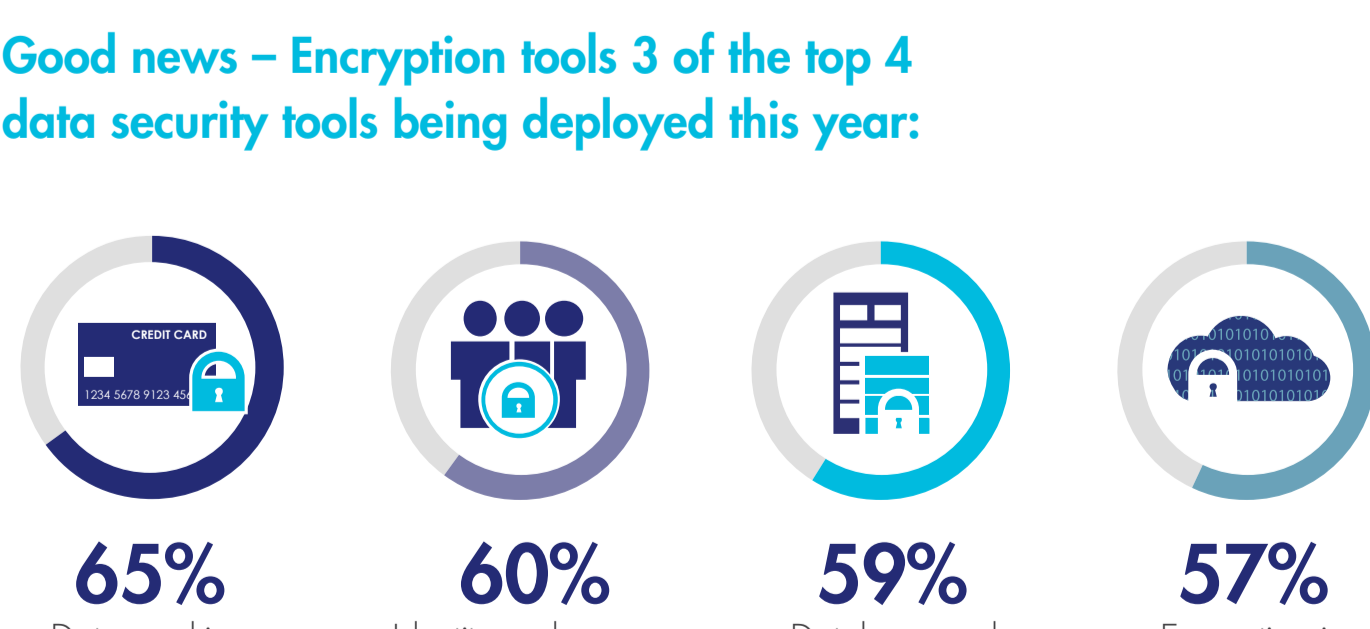


ENCRYPTION IS THE CRITICAL SOLUTION

Would increase usage of digitally transformative technologies if encryption is available



Good news – Encryption tools 3 of the top 4 data security tools being deployed this year:



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 centers or big data environments – without sacrificing business agility.

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