

FEDERAL AGENCY DATA UNDER SIEGE

OVER HALF OF ALL AGENCY IT SECURITY PROS SURVEYED REPORT A BREACH IN THE LAST YEAR

“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

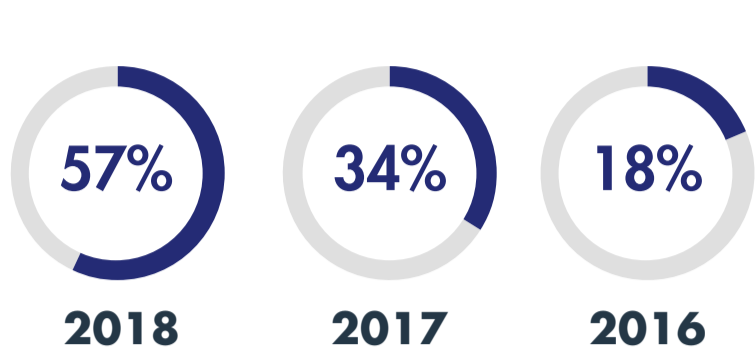
1,200+ IT senior security executives surveyed in 8 countries

DATA BREACHES ARE THE NEW REALITY

Breached ever



Breached in the last year



3x Rates of breaches in the last year are up **3x** from 2016 in this year's results

“THE U.S. FEDERAL SECTOR HAS EXPERIENCED A HIGHER RATE OF BREACHES IN THE PAST YEAR THAN ANY OTHER SECTOR.”

—Garrett Bekker, 451 Research Principal Analyst, Information Security

CLOUD DRIVES EFFICIENCY, CREATES NEW EXPOSURES

“FEDERAL AGENCIES SHOW PREFERENCE FOR ALLOWING CLOUD PROVIDERS TO CONTROL ENCRYPTION KEYS. THIS IS A POTENTIAL PROBLEM SINCE THEY DON'T REALLY HAVE FULL CONTROL OVER THEIR DATA IF THEY DON'T CONTROL THE KEYS...”

—Garrett Bekker, 451 Research Principal Analyst, Information Security

Levels of concern are high



Massive adoption compounds the problem



Versus



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

Federal IT security spending priorities



U.S. FEDERAL RESPONDENTS ARE STILL NOT PUTTING THEIR MONEY WHERE THEIR DATA IS

“THE LARGEST AMOUNT OF RESPONDENTS PLAN TO INCREASE SPENDING ON ENDPOINT AND MOBILE DEVICES, DESPITE RANKING ENDPOINT AND MOBILE DEVICES AS LEAST EFFECTIVE AT PROTECTING SENSITIVE FEDERAL DATA – A MAJOR DISCONNECT.”

—Garrett Bekker, 451 Research Principal Analyst, Information Security



Endpoint & mobile device defenses



Network defenses



Data in motion defenses



Data at rest defenses



Analysis & correlation tools



■ Rated very or extremely effective ■ Spending Increase

ENCRYPTION IS THE CRITICAL SOLUTION

Encryption needed to drive use of digitally transformative technologies:

34%



Cloud: The top tool needed for more cloud use

34%



Big Data: The capability to analyze encrypted/tokenized data in big data environments the top tool needed for big data adoption

42%



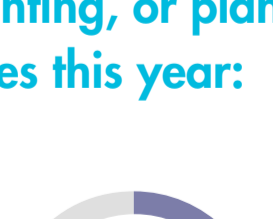
IoT: Secure authentication (an encryption technology) a top tool need for more IoT adoption

25%



Containers: Encryption drives container usage

Good news – Agencies are implementing, or planning to implement, encryption technologies 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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