

2017'S DATA THREAT LANDSCAPE FOR GERMANY

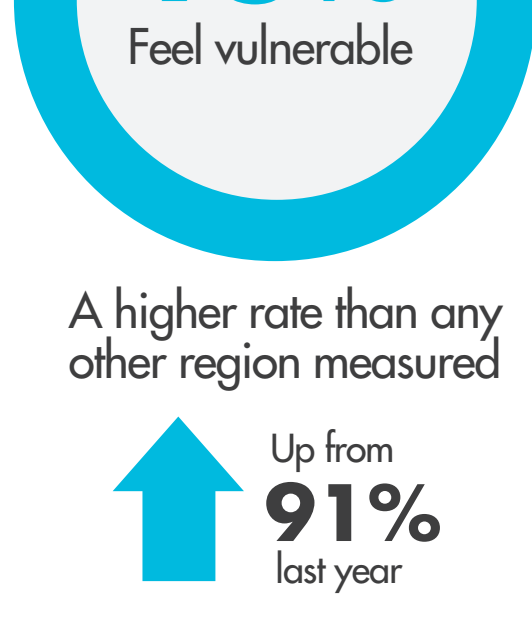
PREPARING FOR GDPR

"WITH GDPR LOOMING, GERMAN RESPONDENTS FEEL THEY WILL BE IMPACTED BY PRIVACY REGULATIONS MORE THAN THEIR GLOBAL PEERS. JUST 19% OF GERMANS SAID THEIR ORGANISATIONS WILL NOT BE IMPACTED BY ANY PRIVACY/SOVEREIGNTY REGULATIONS – THE LOWEST OF ANY NATION SURVEYED."

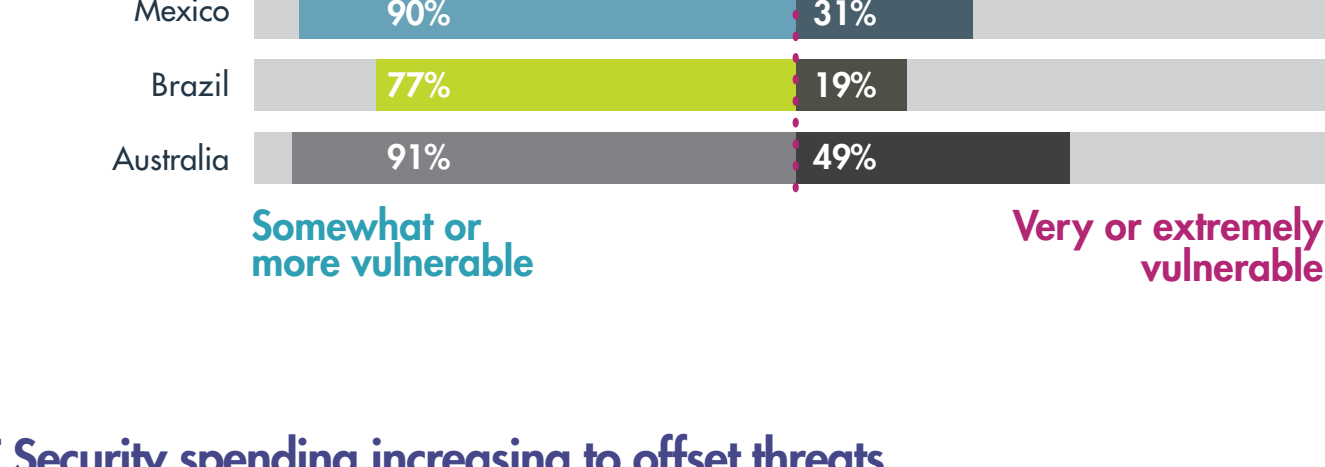
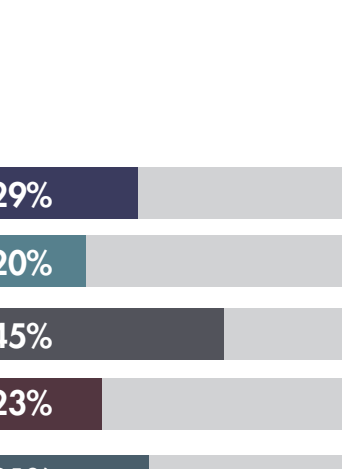
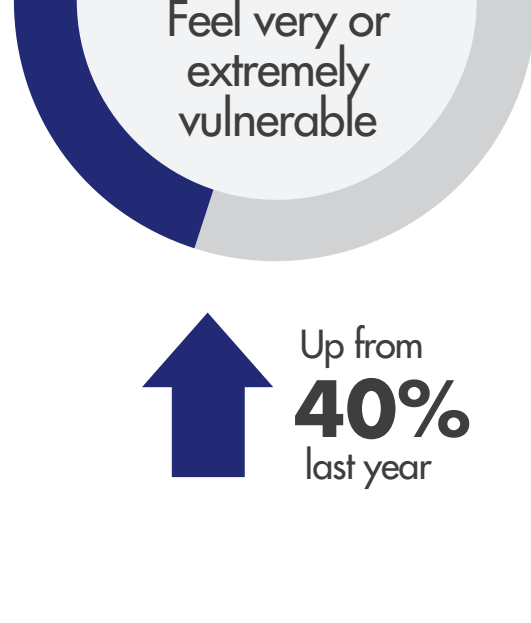
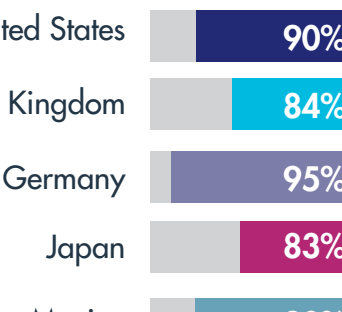
—Garrett Bekker, 451 Research Principal Analyst, Information Security

ENTERPRISES FEEL VULNERABLE, AND ARE INCREASING IT SECURITY SPENDING – BUT DATA BREACH RATES ARE IMPROVING

They feel more vulnerable than many of their peers globally



A higher rate than any other region measured



IT Security spending increasing to offset threats

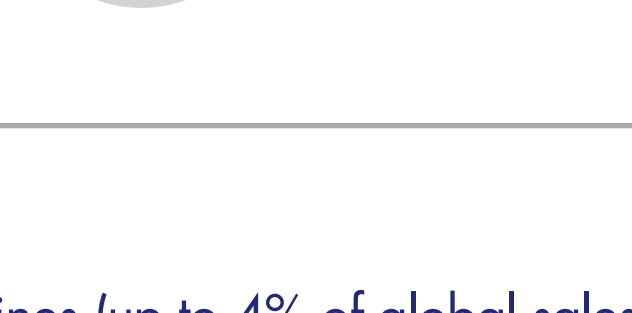
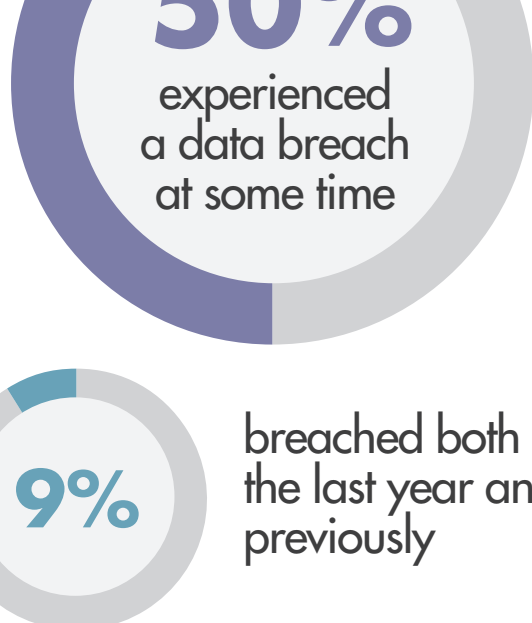
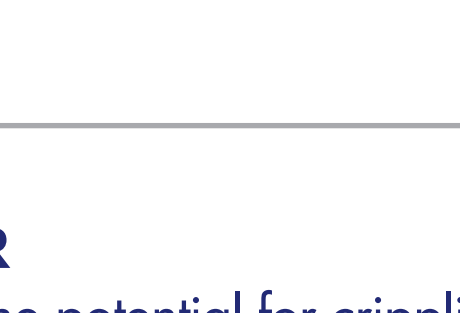
Germany



Global 2017

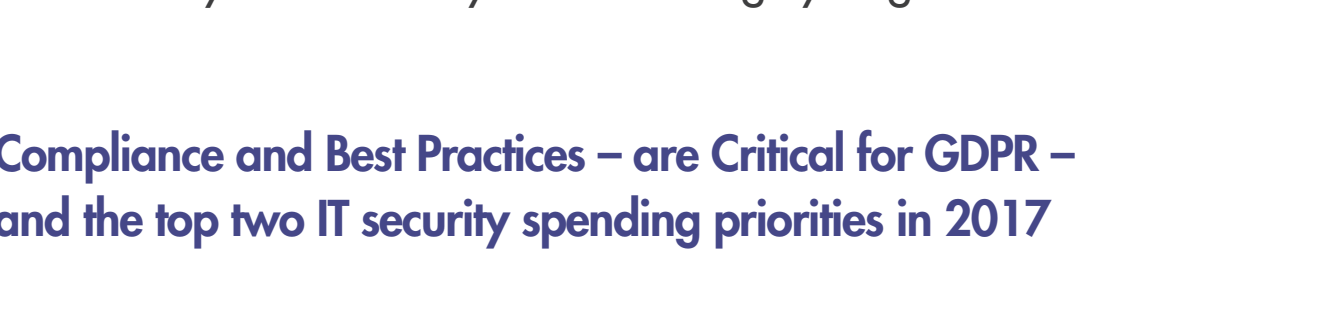


Data breach rates are starting to decrease

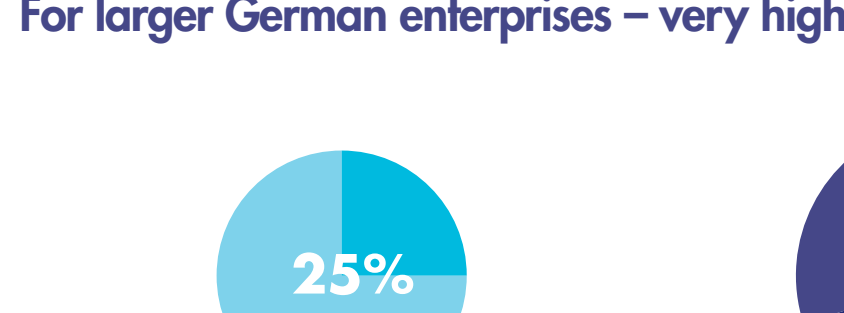


GDPR

With the potential for crippling fines (up to 4% of global sales), GDPR looms just over the horizon for German enterprises



Compliance and Best Practices – are Critical for GDPR – and the top two IT security spending priorities in 2017

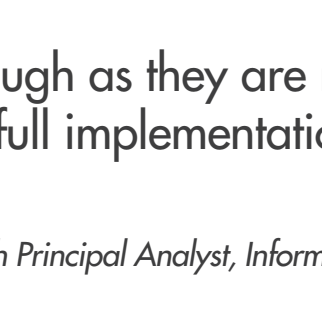


How big is the potential exposure?

For larger German enterprises – very high



(1 in 4) experiencing data breaches every year



had a data compliance failure or a data breach in the past

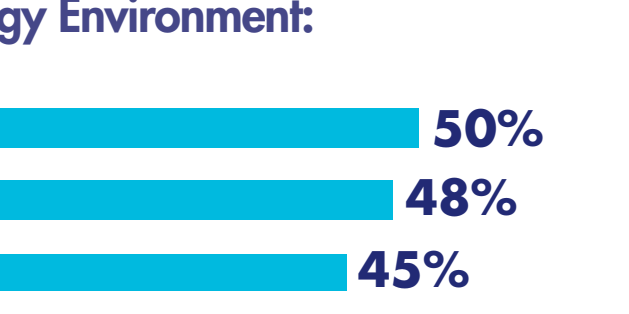
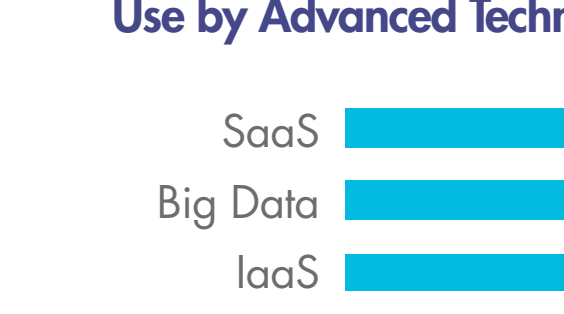
"Compliance requirements – as tough as they are now – will become even stricter with the full implementation of GDPR in 2018."

—Garrett Bekker, 451 Research Principal Analyst, Information Security

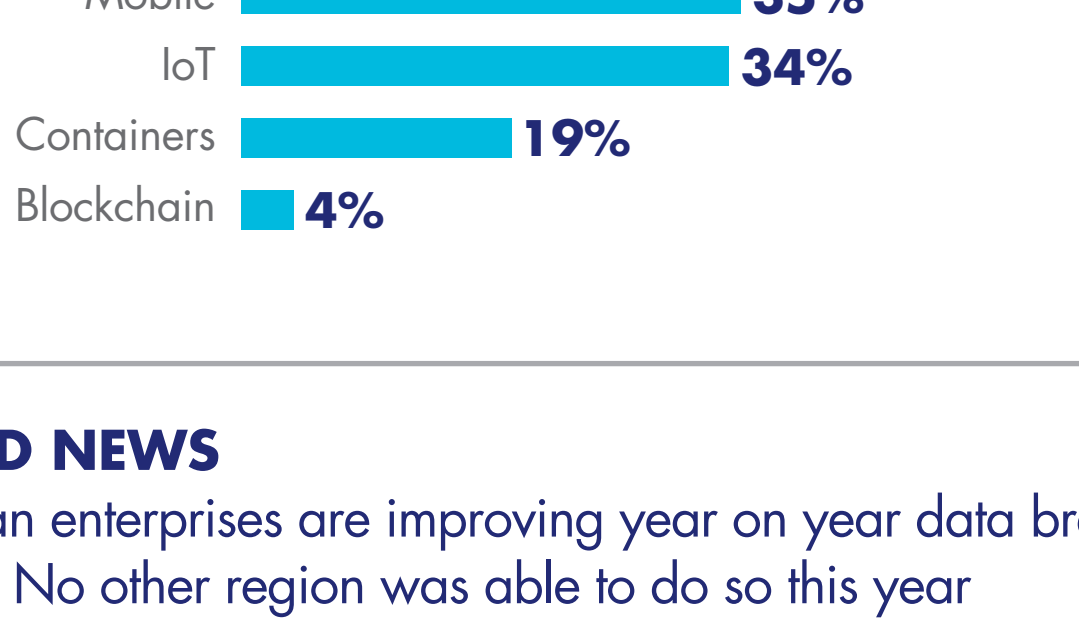
ADVANCED TECHNOLOGY USAGE ESCALATES – COMPOUNDING THE PROBLEM

"Cloud, Big Data, the Internet of Things (IoT) and increasingly container technology are all being actively embraced and collectively pack a potentially disruptive punch to the basic ground rules of venerable businesses."

—Garrett Bekker, 451 Research Principal Analyst, Information Security



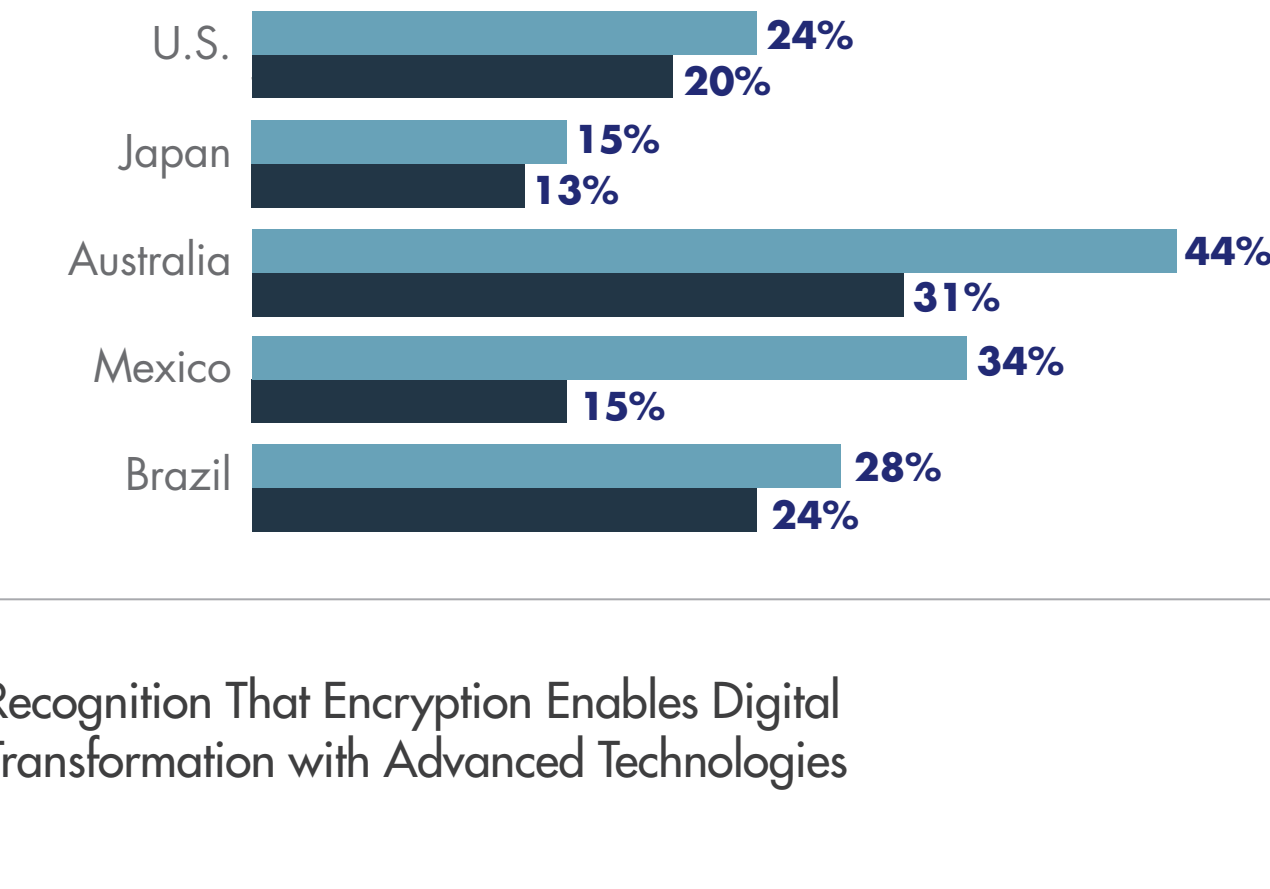
German Enterprise Rates of Sensitive Data Use by Advanced Technology Environment:



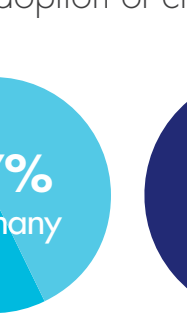
GOOD NEWS

German enterprises are improving year on year data breach rates – No other region was able to do so this year

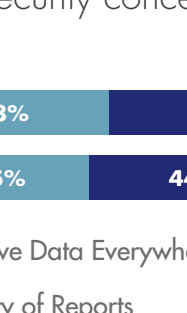
Rates of data breaches in the last year



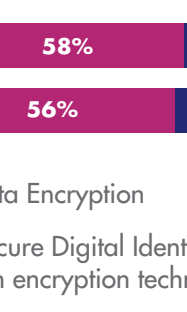
Recognition That Encryption Enables Digital Transformation with Advanced Technologies



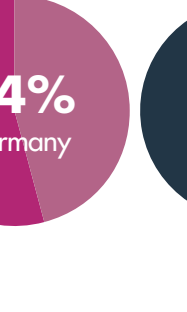
Encryption enables further adoption of cloud



Encryption offsets top security concerns



The top technologies needed to expand usage



Encryption the top control needed to enable greater adoption



THERE IS STILL MORE TO DO

1 RE-PRIORITISE YOUR IT SECURITY TOOL SET

Cloud and SaaS break legacy IT security models – Data security with encryption and access controls across environments is required

Service-based solutions and platforms that include automation are preferred for reduced costs and simplicity

2 DISCOVER AND CLASSIFY

Get a better handle on the location of sensitive data, particularly for Cloud, Big Data, Containers and IoT



3 DON'T JUST TICK OFF THE COMPLIANCE BOX

Move beyond compliance to greater use of encryption and BYOK, especially for cloud and other advanced technology environments



4 ENCRYPTION AND ACCESS CONTROL

Encryption needs to move beyond laptops and desktops

Data center: File and application level encryption and access controls

Containers: Encrypt and control access to data – within containers and underlying storage

Cloud: Encrypt and manage keys locally, BYOK enables safe SaaS, PaaS and IaaS

IoT: Use secure device ID and authentication, as well as encryption of data at rest on devices, back end systems and in transit to limit data threats

Big Data: Encryption and access control within the environment

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