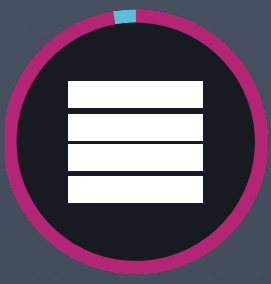# THALES

The Changing Face of Data Security
2019 Thales Data Threat Report

Results from the 2019 Thales Data Threat Report – Global Edition, a survey of over 1,200 executives in nine countries with responsibility for, or influence over, IT and data security. Survey, reporting and analysis conducted by IDC, sponsored by Thales.

RESEARCH AND ANALYSIS FROM:

IDC ANALYZE THE FUTURE

Sensitive data is widespread in digital transformation environments

97%
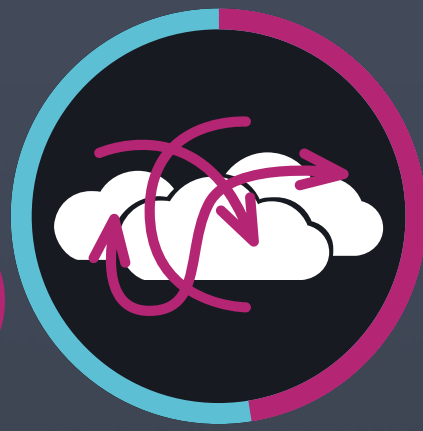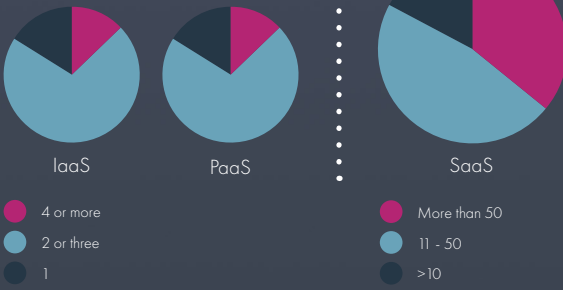of respondents will use sensitive data on digitally transformative technologies.

only **30%**
of respondents are using encryption within these environments.

The reality of a multi-cloud enterprise

Data environments are increasingly complex, with survey results showing complexity is the most commonly perceived barrier to implementation among respondents.

Number of cloud environments

IaaS   PaaS   SaaS

- 4 or more
- 2 or three
- 1

- More than 50
- 11 - 50
- >10

44%
of respondents rated complexity as a perceived barrier to implementing data security, higher than staff, budget, and organizational buy-in.
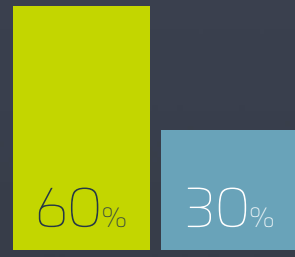
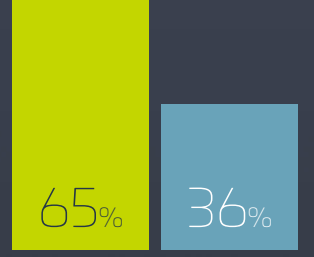## Data breach resistance: no one is immune

60%
Say they have been breached at any point in their history, with...

30%
... experiencing a breach within the past year alone.

60%   30%
Global

65%   36%
US

U.S has reported the most breaches.

Encryption rates are low

Despite recognizing the importance of protecting sensitive data, encryption rates throughout the enterprise are surprisingly low.

<30%
of enterprises say they use encryption for the vast majority of use cases studied.

Encryption for Big Data, IoT and Containers adoption

Across Big Data, IoT and containers, encryption is the key driver of adoption and usage.

IoT
42.3%

Containers
47.3%

Big data
47.8%

Data security is hard

But it's vitally important. Organizations need to take a fresh look at how they provide data security. Visit the Thales website to download the full report, including IDC recommendations.

**Click to download report
#2019DataThreat**

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