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The Changing Face of Data Security in Europe

2019 Thales Data Threat Report – European Edition

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A sample of 400 respondents in Europe from the global set shared their feedback and insights.
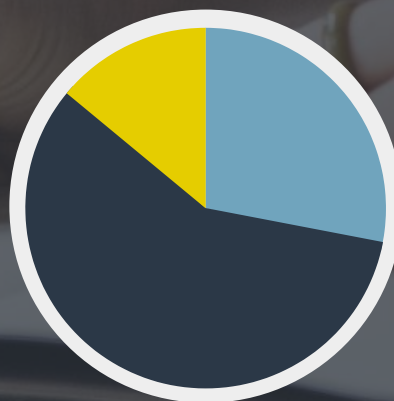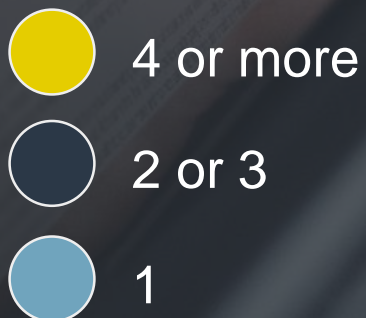
Here's what they had to say:

The reality of the multi-cloud enterprise

Multi-cloud environments make the task of protecting sensitive data more complex.

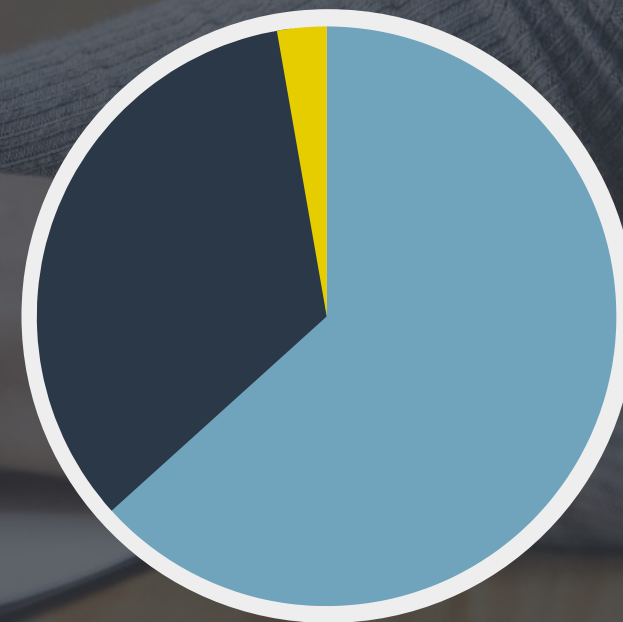**Number of cloud environments**
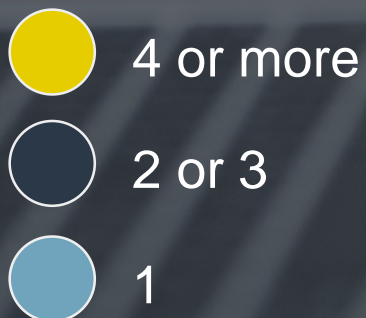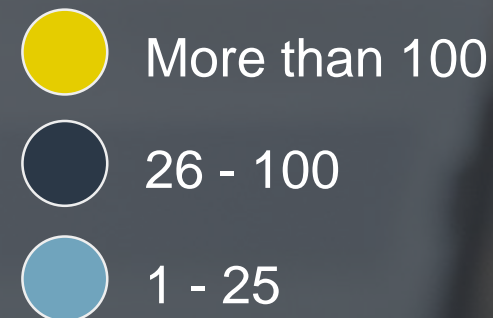
IaaS

- 🟡 4 or more
- ⚫ 2 or 3
- 🔵 1

PaaS

- 🟡 4 or more
- ⚫ 2 or 3
- 🔵 1

SaaS

- 🟡 More than 100
- ⚫ 26 - 100
- 🔵 1 - 25
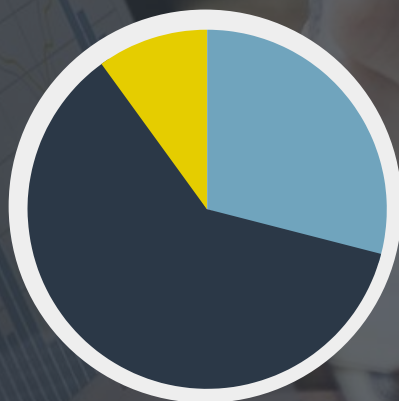
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The reality of the multi-cloud enterprise

40%

of respondents rated complexity of multi-cloud use as the top barrier to implementing data security.

Organisations must take a multi-layered approach to security, and this study shows that European executives are working toward this goal. European respondents are placing a roughly equal amount of focus on network, application, and data security, with 35% of their focus on network, 34% on data, and 31% on application security; these figures map very closely to the global total.

Respondents have long "to do" lists with plans to implement a wide variety of technologies over the next 12 months, but they are struggling to implement their plans, rating complexity as their greatest barrier to implementing data security, followed by lack of budget and lack of staff to manage technology. Many organisations' focus on near-term issues such as preparing for GDPR and planning for Brexit may have distracted their security teams from their day jobs due to resource limitations. Organisations need to put tools in place that will let them manage complexity, and to do more with less. These tools should span both legacy on-premises needs as well as modern, cloud-based, edge-oriented technologies with solutions like encryption and tokenization that provide some of the best protection in today's threat environment.

*"Organisations need to put tools in place that will let them **manage complexity, and to do more with less**. These tools should span both legacy on-premises needs as well as modern, cloud-based, edge-oriented technologies with **solutions like encryption and tokenization** that provide some of the best protection in today's threat environment."*

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Data breach resistance. No one is immune

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61%

of European enterprises
have encountered
a data breach
in their history, with ...

29%

... breached in the last year.

03 security concerns and
methods of alleviation by data
technology environment

Data breach resistance. No one is immune

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61% (ever) **30**% (in the last year)

65% (ever) **36**% (in the last year)

Global

U.S.

Encryption rates are low

Despite recognising the importance of protecting sensitive data, encryption rates throughout enterprises are surprisingly low.

27% or less

say they use **encryption**

for the vast majority

of use cases studied.

Data privacy and sovereignty regulations

With the impact of GDPR and over 100 data privacy regulations already in place around the world:

91%
·················
will be affected by these laws

70%
will use encryption and/ or tokenisation to meet regulatory and compliance requirements.

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Data privacy and sovereignty regulations

Organisations need to take a fresh look at how they provide data security.

Visit the Thales website to download the full report, including IDC recommendations.

www.thalesgroup.com/en

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