#### THALES Building a future we can all trust

## 2021 Thales Data Threat Report

Data Security in the Era of Accelerated Cloud Transformation and Remote Work

#### 01 COVID-19 brings new challenges for security



# COVID-19

Impact of COVID-19 across organizations and remote working are paving way for the increased security challenges as well as areas of strategic security spend.

### 15%

of respondents are very prepared to handle security risks caused by the pandemic





### 83%

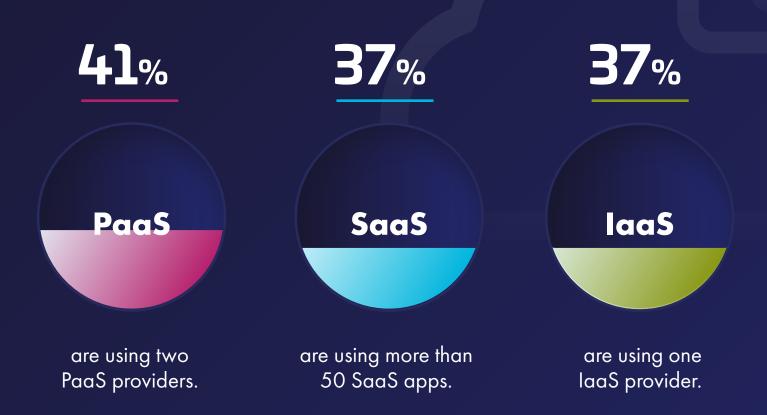
are concerned about the security risks/threats of employees working remotely.

46%

ranked privacy and security as the most important investment during the pandemic.



#### 02 Multicloud momentum creates opportunities, but increases risks





55%

state that more than 40% of their data is stored in public cloud properties.





claim that more than 40% of data stored externally is sensitive.





say that more than 50% of the sensitive data stored in the cloud is not encrypted.





have complete knowledge of where their data is stored.

#### 03 Data breaches and security threats increase in complexity



claimed to have experienced a security breach.





report seeing an increase in cyber-attacks in the past year.



saw an increase in Ransomware attacks.



4/%

saw an increase in Phishing/Whaling attacks.

#### **04 Threats on the horizon: Quantum Computing**



47%

are very concerned about the security threats of quantum computing.



This level of awareness should be generating interest in post-quantum cryptographic techniques and efforts to improve crypto agility.

#### 05 **Zero Trust strategy** gaining momentum



claim to have a formal strategy and have actively embraced a Zero Trust policy.





rely on concepts of Zero Trust to shape cloud security strategy.

### 06 **Modern Data Security for a Zero Trust World**



Discover Sensitive Data



Encrypt Sensitive Data



Secure Encryption Keys



Control User Access

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Visit **cpl.thalesgroup.com/data-threat-report** to download the full report, including 451 Research recommendations.

451 Research **S&P Global** Market Intelligence

Source: 2021 Data Threat custom survey from 451 Research, part of S&P Global Market Intelligence, commissioned by Thales