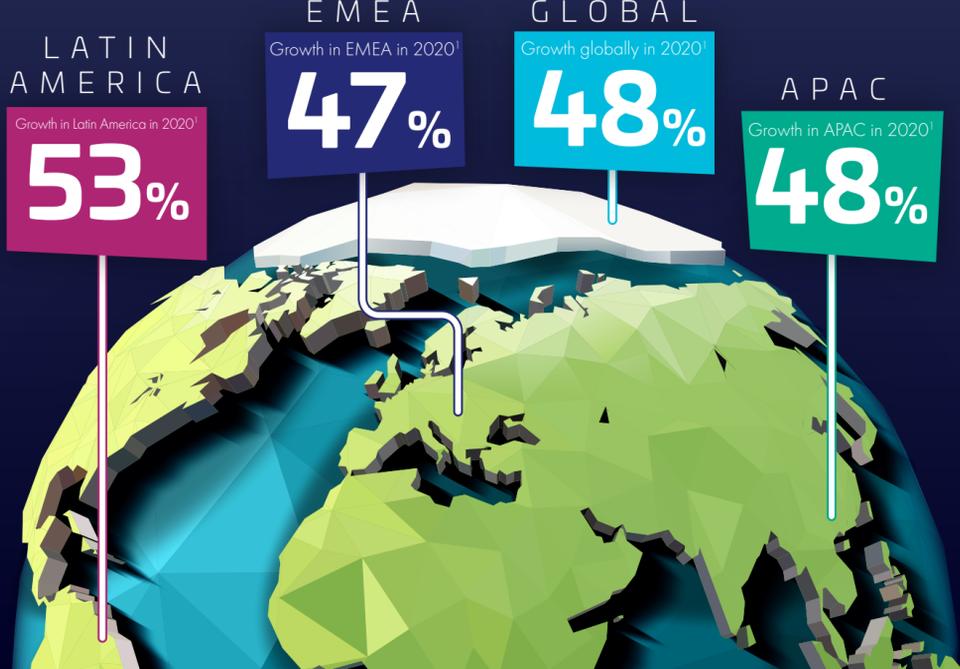


ADDRESSING THE
GROWING
THREAT OF

RANSOMWARE

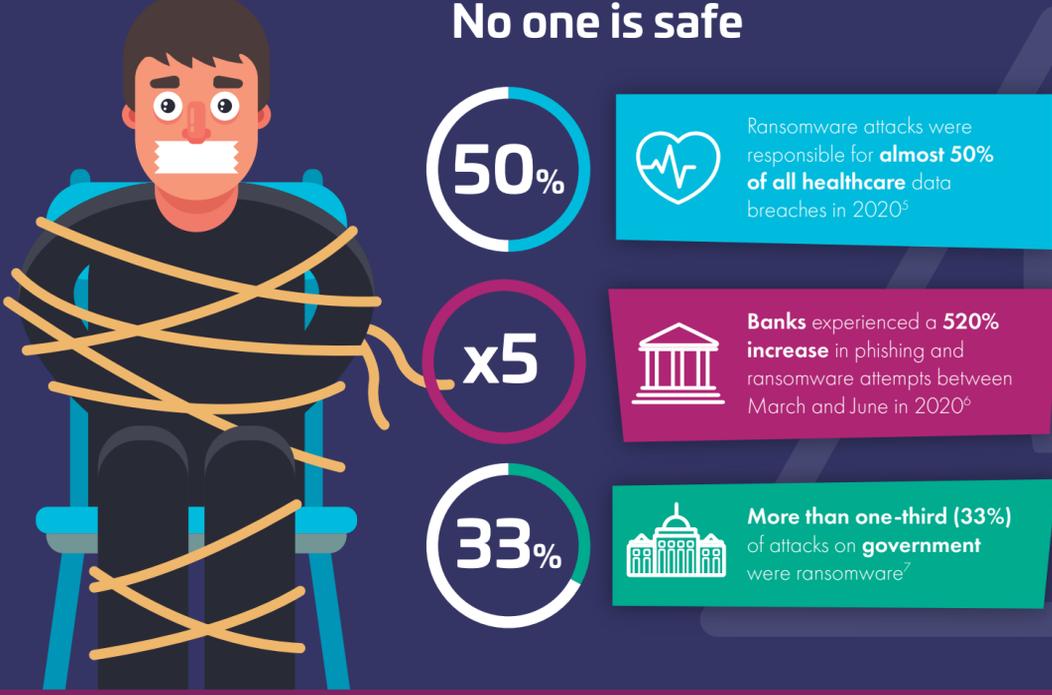
Ransomware is experiencing global growth...



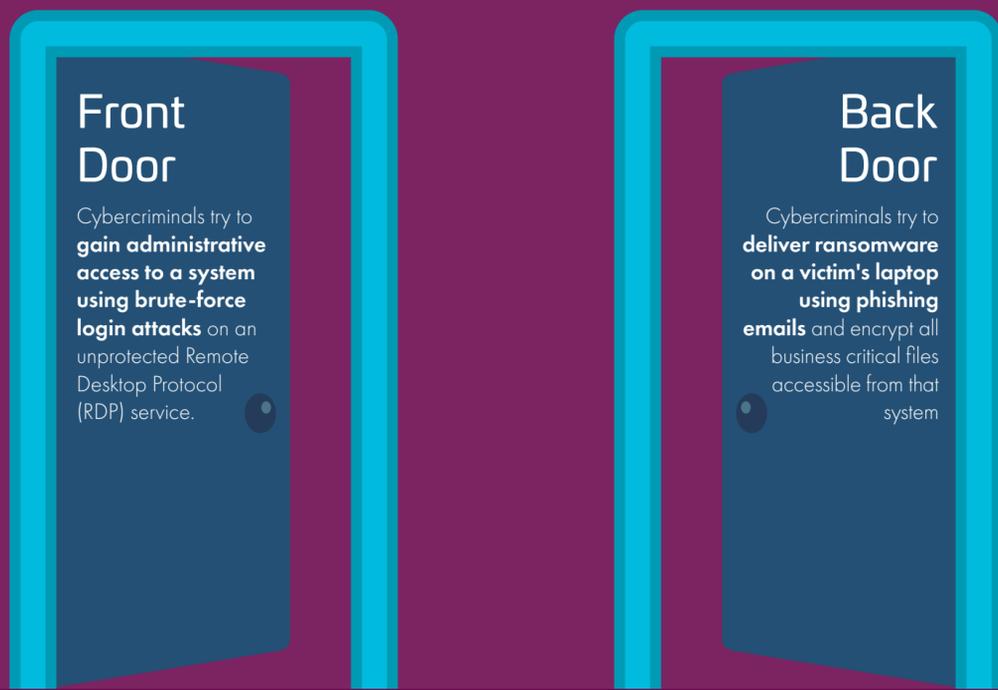
...driven by monetization through extortion



No one is safe



Typical ransomware attack techniques



Essential capabilities to protect against ransomware attacks



Protecting the front door

- Do not publish unprotected RDP access points
- Use RDP gateways
- Apply multi-factor authentication to access RDP gateways



Protecting the back door

- Application white-listing to identify "trusted applications"
- Fine-grained access control
- Data-at-rest encryption for all sensitive data

How Thales can help?

Control access

- Manage identities, credentials and authentication
- Manage remote access, privileges and permissions

Protect data

- Protect sensitive data-at-rest in the cloud and on-premises
- Protect sensitive data in transit
- Manage encryption keys

Identify vulnerabilities

- Discover and classify sensitive data
- Assess risk and prioritize protection

Mitigate

- Mitigate risk with intelligent protection
- Audit all access events to all systems

Find out more on our website

cpl.thalesgroup.com



1 Thales Data Threat Report 2021 <https://cpl.thalesgroup.com/data-threat-report>
 2 National Security Institute, 2021 <https://www.nsi.org/2021/02/15/employee-cyber-security-awareness-ransomware-wave/>
 3 2021 IBM Cost of a Data Breach report <https://www.ibm.com/security/data-breach>
 4 Business Insider, CNA Financial Paid \$40 Million in Ransom After March Cyberattack <https://www.bloomberg.com/news/articles/2021-05-20/cna-financial-paid-40-million-in-ransom-after-march-cyberattack>
 5 Health and Human Services Department "2021 Forecast: The Next Year of Healthcare Cybersecurity" <https://www.hhs.gov/sites/default/files/2021-hph-cybersecurity-forecast.pdf>
 6 American Banker "5 ransomware trends that should alarm banks" <https://www.americanbanker.com/news/5-ransomware-trends-that-should-alarm-banks>
 7 Security Intelligence: "Threat Actors' Most Targeted Industries in 2020" <https://securityintelligence.com/posts/threat-actors-targeted-industries-2020-finance-manufacturing-energy/>