

Accenture Security

GAINING GROUND ON THE CYBER ATTACKER

2018 State of Cyber Resilience



AGENDA

KEY FINDINGS

FIVE STEPS TO CYBER RESILIENCE

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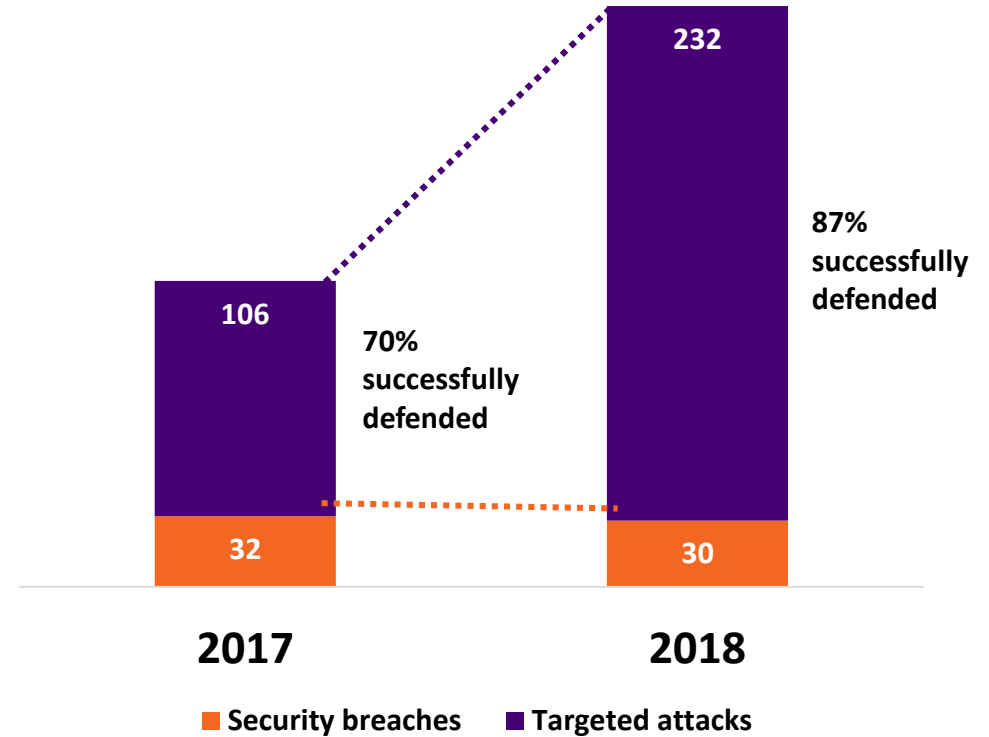
**SECURITY TEAMS
HAVE MADE PROGRESS
DEFENDING AGAINST CYBER
ATTACKS.**

BUT MORE NEEDS TO BE DONE.

IMPROVING CYBER RESILIENCE

As the number of attacks more than doubles, **monitoring, detection and prevention:**

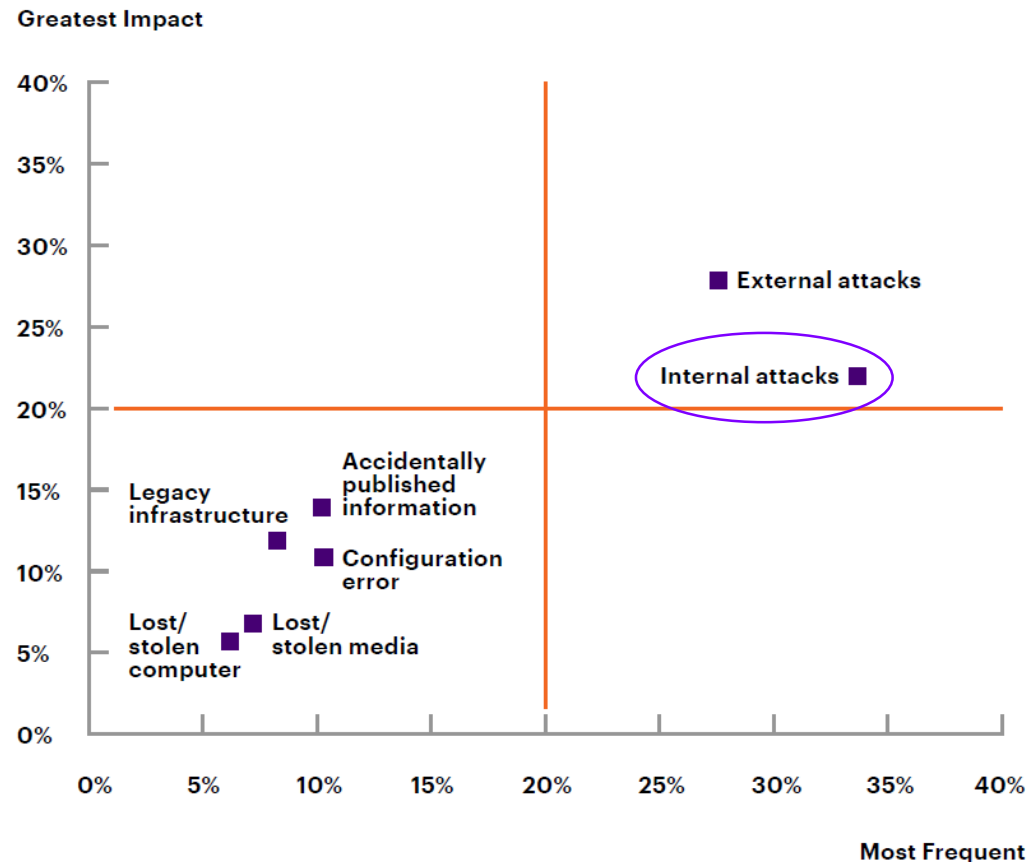
- improves cyber resilience
- helps organizations perform better under pressure.



CLOSING THE GAP ON CYBER ATTACKS

In terms of delivering the next wave of improvements, it is easy to focus exclusively on counteracting external attacks, but **organizations should not neglect the enemy within.**

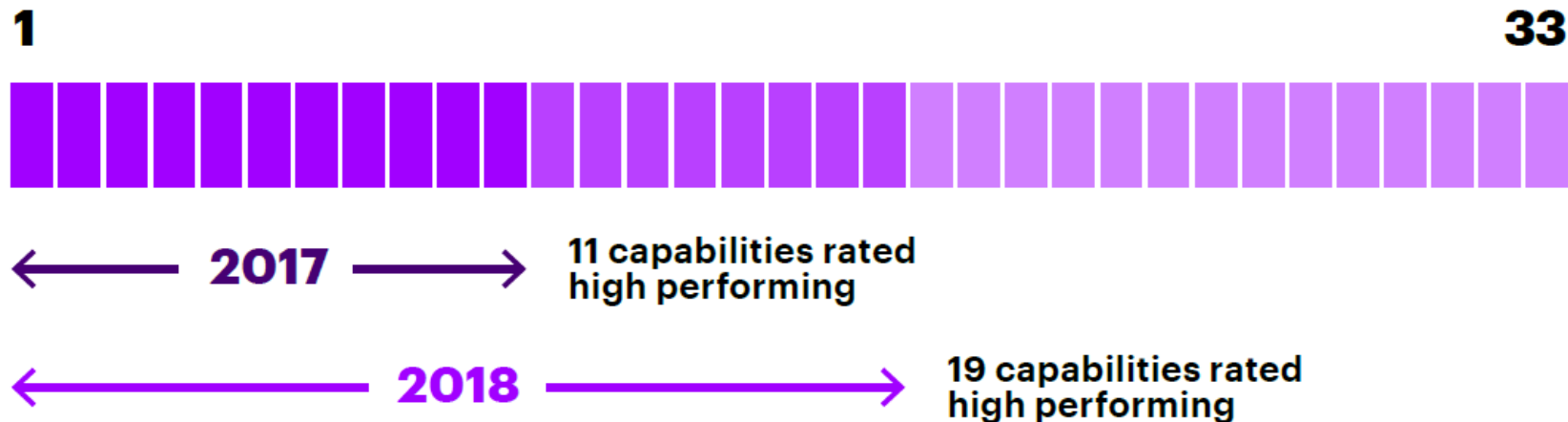
Most damaging security breaches ranked by frequency and impact



IMPROVEMENT IN SECURITY CAPABILITIES

Being better at detection, prevention and collaboration is not all that security teams can be proud of—they have also realized an impressive **42 percent improvement in security capabilities.**

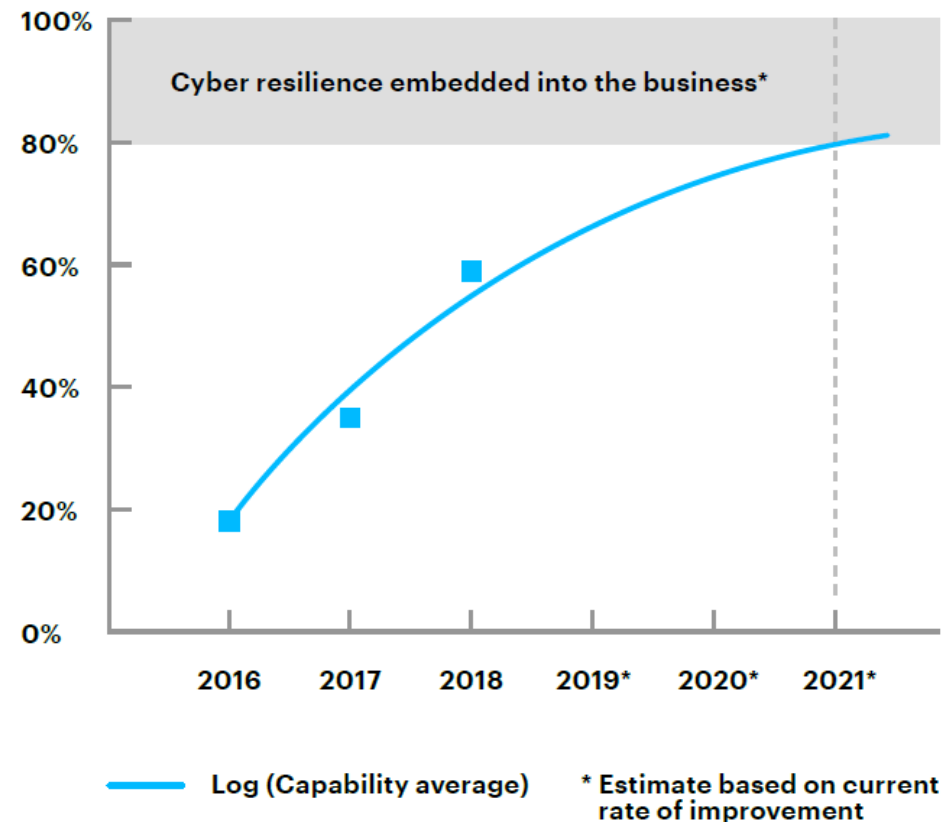
Cybersecurity capabilities
rated high performing



REACHING SUSTAINABLE LEVEL OF CYBER RESILIENCE

If the current rate of progress is maintained, organizations could reach a sustainable level of cyber resilience in the next two to three years.

Forecast of average cybersecurity capabilities reaching a sustainable level of cyber resilience



THE STORY SO FAR

Security spend is high...

\$123B

In 2018, with annual growth rate of 10.8%*

...but targeted attacks have doubled

232 # attacks in 2018

106 # attacks in 2017

↑119%

Cost of cyber crime is up...

↑23%

...but so is CISO's performance

42% Improvement across 33 critical cybersecurity capabilities

1 in 8 Attacks breach defenses in 2018 compared with **1 in 3** last year

*Gartner Forecast Overview: Information Security, Worldwide, 2018 Update

GAIN GROUND ON THE CYBER ATTACKER.

FIVE WAYS TO BECOME CYBER RESILIENT.

1

Despite progress, the basics still need attention

**ACT
NOW** 

Be brilliant at the basics

Harden and protect core assets

36%

Of respondents don't apply the same security standards to their partners as their own business

33%

CISOs say 1/3 of their organization is not protected by their cybersecurity program.

2

More damaging security breaches accelerate the need for cyber resilience

**ACT
NOW**



**Pressure-test your
resilience**

Coached incident
simulation

90%

Of respondents expect their investment in cybersecurity to increase in the next three years

72%

Say it is not possible to appear “strong, prepared and competent if my organization is the victim of a security breach”

3

More need to invest in
critical technologies
against new threats

**ACT
NOW** 

**Employ advanced
technologies**
Automate defenses

83%

Say new technologies are
essential to securing the
future of the organization.

BUT ONLY
2/5

Of respondents are investing in
machine learning/AI and automation
technologies.

4

Confidence remains high
but a proactive approach
is needed

**ACT
NOW** 

**Use intelligence and
data to be proactive**
Threat hunting

83%

Of respondents are confident
about restoring normal activity
after a breach

71%

say cyber attacks
are still a “bit of a black box;
we do not know how they will
affect our organization.”

5

Higher CEO and board engagement place new demands on the CISO

**ACT
NOW** 
Adapt the CISO role
Business leadership

64%

Of CISOs report direct to the CEO or the board

6%

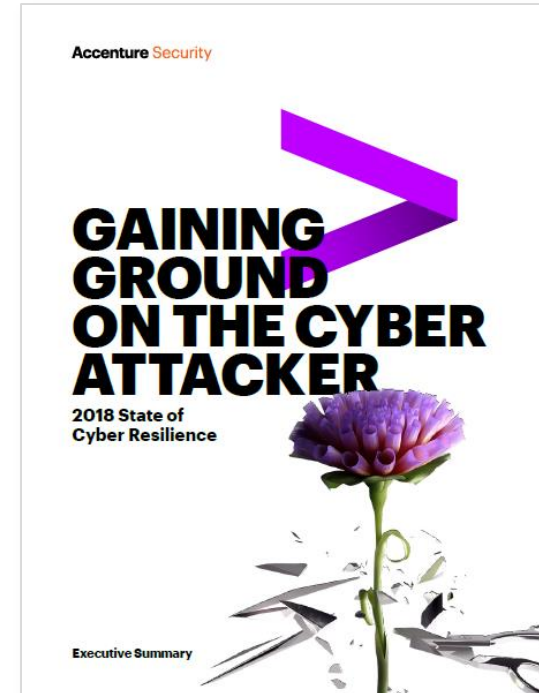
Of CIOs have budget authorization, a significant drop from 35% last year

ABOUT THE RESEARCH

2018 STATE OF CYBER RESILIENCE

Following on from earlier research in 2017, we surveyed 4,600 sole or key decision makers for cybersecurity representing companies with annual revenues of US\$1B from more than 19 industries and 15 countries across North and South America, Europe and Asia Pacific.

More than 98 percent of respondents were sole or key decision-makers in cybersecurity strategy and spending for their organization.



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Thank You!