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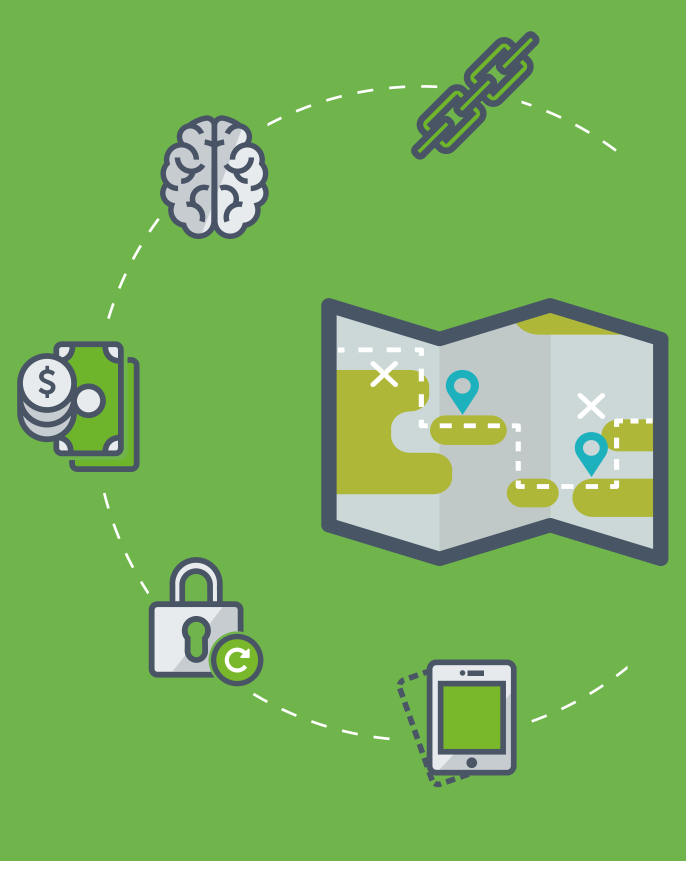
Explore how 2018's IT trends will affect you

Navigate next year's cybersecurity

Mapping cybersecurity opportunities and strategies

In 2018, Dimension Data expects to see enterprises aiming to regain the upper hand in the fight against cybercriminals. After a few years where major breaches regularly made the headlines, companies will begin investing in technologies and methods which take a more proactive stance when defending their data.

Your guide through the cybersecurity wilderness



The five cybersecurity trends
that will impact your organisation in 2018

One

'Zero trust' security makes a comeback

In 2018, IT teams will adopt the mindset of 'we don't trust anybody': to access company systems, users will need explicit permission. With improved technology, this will not necessarily result in bottlenecks – in cloud-based systems, authentication and verification will be near-instantaneous.

300% rise in ransomware attacks in the U.S. since 2015[1]

80% of businesses have some form of Bring Your Own Device policy

$1 billion in profit from ransomware attacks in 2016

Two

Deception technologies become the security enablers of The Internet of Things (IoT) and operating technology (OT)

In 2018, improved operating technologies will support IoT by collecting and managing data from IoT sensors. These systems could provide major opportunities for cybercriminals to exploit. However, we see deception technologies, that create fake credentials on an organisation's network, providing a solution – cybercriminals will never know if they've hacked into real or fake accounts.

11 billion connected 'things' in 2018[2]

Global deception technologies market at **$2.09 billion** by 2021[3]

48% of IoT developers identify security as their leading concern[4]

Three

Behavioural analytics and artificial intelligence (AI) demand a relook at identity

In 2018, advances in AI will lead to improved behavioural analytics that monitor suspicious activity on your systems. This next-generation AI will enable machines to teach themselves to look for unusual activity - until now, machines have only been able to look for specific things they've been told to search for.

$100,000 is the average cost of remediation following an insider security breach[5]

60% of cybersecurity incidents are attributed to insiders[6]

45% of survey respondents say they wouldn't know if they'd been affected by cyber crime[7]

Four

Robo-hunters are the new norm

It's increasingly recognised that simple threat intelligence is not enough – organisations will need to actively hunt down the enemy. In 2018, we expect to see a rise in 'robo-hunters' – machines which will constantly hunt for threats.

60% believe that they have never been the victim of cyber hacking - or are unaware if they have[8]

Only **56%** of security alerts are currently investigated[9]

53% cybersecurity improvement when companies take a 'proactive' approach[10]

Five

Blockchain is the disruptor

Businesses will start to implement blockchain as a cybersecurity measure in a range of innovative ways. Blockchain offers a distributed and transparent ledger, which will allow organisations to exert greater control over information, while highlighting any suspect behaviour.

10% of global GDP may be stored in blockchain ledgers by 2027[11]

$1.4 billion - amount financial and tech firms invested in blockchain in 2016

#1 - financial services is the biggest investor industry[12]

Our digital workplace experts
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Map your route
through the cybersecurity landscape

www.dimensiondata.com/2018ITtrends

[1]Various sources. See: www2.dimensiondata.com/ransomware - [2]www.gartner.com/newsroom/id/3598917 - [3]www.marketsandmarkets.com/Market-Reports/deception-technology-market-129235449.html - [4]www.internetof-business.com/security-top-concern-iot-developers/ - [5]www.tripwire.com/state-of-security/security-data-protection/insider-threats-main-security-threat-2017 - [6]www-01.ibm.com/marketing/iwm/dre/signup?source=ibm-WW_Security_Services&S_PKG=ov47123&S_TACT=000000NJ&&S_OFF_CD=10000254 - [7]www.cybersecurity.blumbergcapital.com - [8]www.cybersecurity.blumbergcapital.com - [9]www.newsroom.cisco.com/-press-release-content?articleId=1818259 - [10]www.consultancy.uk/news/1841/accenture-proactive-strategies-improve-cyber-security - [11]www.jaxenter.com/blockchain-technology-skill-gap-135759.html - [12]www.slideshare.net/HorizonWatching/blockchain-trend-report-2017