

Cybersecurity #2

How smart is your security?
Understand the landscape and make better decisions about keeping your your organisation safe.

The top five technology trends that will help keep your business secure in 2019

One

Zero trust is maturing into digital trust



In 2019, IT will leverage 'digital fingerprints' for smoother authentication of users and provide them with easier access to apps and information.¹



By 2020, more than 60% of organisations will invest in multiple data security tools, such as data loss prevention and encryption.²



Identity-as-a-Service, user authentication, identity and access management are expected to be the largest segments for market growth in the information security market at a CAGR of 10.3% between 2018-2020.³

Two

Organisations are focusing on cloud-based security platforms



Close to half of organisations (49%) expect cloud security budgets to go up, with a median budget increase of 28%.⁴



47% of companies believe that cloud-based security is faster to deploy and reduces costs better than on-premise.⁵



Challenges remain with cloud-based security adoption – 56% recognise the need for staff expertise and training and a further 37% note lack of integration with on-premise security technologies.

Three

Organisations now aim to be secure by design



Over 90% of Chief Information Security Officers (CISOs) hope to improve the strategic alignment between the security of their organisation and its business processes.⁶



Organisations that approach cyber security by focusing on people, processes and technology can more successfully prevent, mitigate, and remediate attacks.⁷



DevSecOps is predicted to be embedded into 80% of rapid development teams by 2021.⁸

Four

Cybersecurity is becoming intelligence-driven



12% of enterprise organisations have already deployed AI-based security analytics extensively, and 27% have deployed AI-based security analytics on a limited basis.⁹



29% of enterprise organisations want to use AI-based cybersecurity technology to better curate, correlate, and enrich high-volume security alerts.¹⁰



27% of enterprise organisations want to use AI-based cybersecurity to improve operations, prioritise and automate the right incidents and remediation tasks.¹¹

Five

Tighter regulation is affecting risk profiles



With new and revised standards and policies, many organisations struggle to achieve balance between operational security and compliance.¹²



49% of businesses said the threat of GDPR fines made them more nervous of using cloud-based apps and services.¹³



53% of firms asked, say they now encrypt the data they process, while 47% have a warning system in case of a breach that could put customer data at risk.¹⁴

Our cybersecurity expert



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Get smarter about your business's security
Cybersecurity at the speed of digital transformation

Discover how these trends will help your business stay secure while you innovate. Contact Dimension Data today.

¹ Dimension Data. Top Technology Trends 2019 – Cybersecurity. - ² <https://www.gartner.com/newsroom/id/3836563> - ³ Gartner Forecast Analysis: Information Security, Worldwide, 4Q17 Update, Feb 2018. - ⁴ <https://pages.cloudpassage.com/rs/857-FXQ-213/images/2018-Cloud-Security-Report%20%281%29.pdf> - ⁵ <https://pages.cloudpassage.com/rs/857-FXQ-213/images/2018-Cloud-Security-Report%20%281%29.pdf> - ⁶ <https://www2.deloitte.com/insights/us/en/deloitte-review/issue-19/ciso-next-generation-strategic-security-organization.html> - ⁷ <https://ascensiont.com/2018/01/21/holistic-cybersecurity/> - ⁸ <https://www.gartner.com/doc/reprints?id=1-418FBLQ&ct=171016&st=sg> - ⁹ <https://www.csoonline.com/article/3250850/security/artificial-intelligence-and-cybersecurity-the-real-deal.html> - ¹⁰ <https://www.csoonline.com/article/3250850/security/artificial-intelligence-and-cybersecurity-the-real-deal.html> - ¹¹ <https://www.csoonline.com/article/3250850/security/artificial-intelligence-and-cybersecurity-the-real-deal.html> - ¹² Dimension Data Executive Guide to the NTT 2018 Global Threat Intelligence Report - ¹³ <https://www.infosecurity-magazine.com/news/gdpr-is-stifling-innovation-says/> - ¹⁴ <https://econsultancy.com/the-best-gdpr-stats-surveys-we-ve-seen/>