

Digital infrastructure

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Is your business adapting its digital infrastructure to deliver the outcomes you need? Discover the most exciting digital infrastructure developments.

The top five biggest digital infrastructure trends in 2019

One

Extracting value from data is becoming imperative



By 2019, 90% of cloud database management system architectures will support the separation of compute and storage, rendering those that don't as irrelevant in the overall market.⁴



Currently less than 0.5% of all data is analysed and used, but a 10% increase in data accessibility could result in additional revenues of more than USD 65 million.⁵



By 2019, 90% of large global companies will have an appointed Chief Data Officer.⁶

Two

The edge is getting more intelligent



The global edge computing market is expected to reach USD 6.72 billion by 2022 at a compound annual growth rate of 35.4%.¹⁰



10% of enterprise-generated data is created and processed outside a traditional centralised data centre through edge computing and by 2022 this figure will reach 50%.¹¹



Edge computing and analytics solution demand will be accelerated through 5G developments, resulting in higher speeds and greater processing power than ever before.¹²

Three

More business intelligence is coming from the network itself



Over the next 5 years having more people, devices and bandwidth in more desired places will help drive seamless connectivity everywhere.¹³



By 2025, it's estimated that proximity services annual service revenue will be USD 17 billion and up to 55% of this revenue figure will be attributable to proximity advertising.¹⁴



By 2022, decision support/augmentation such as deep neural networks (DNNs) will have surpassed all other types of AI initiatives to account for 44 percent of global AI-derived business value.¹⁵

Four

Digital infrastructure is becoming programmable end-to-end



The market share of programmable data centre infrastructure will grow at 20% between 2018-2024.¹



69% of businesses want a variety of cloud services, including applications that meet their specific needs rather than one size fits most.²



By 2020, 90% of organisations will adopt hybrid infrastructure management capabilities.³

Five

Applications are defining infrastructure



52% of enterprises surveyed are already using container technology to make applications more flexible across hybrid IT environments.⁷



Depending on the source, only 3-12% of data will be physically storable by 2025, due to the exponential increase in raw data.⁸



By 2020, heavy workload demands will have forced 55% of enterprises to modernise their data centre assets by updating their existing facilities or deploying new facilities.⁹

Our digital infrastructure expert



Rob Lopez,
Group Executive –
Digital Infrastructure.

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Discover how to respond to these trends and create a better digital infrastructure for your business. Contact Dimension Data today.

¹<https://www.datasciencecentral.com/profiles/blogs/five-trends-to-look-out-for-data-center-infrastructure-market> ²<http://www.msptoday.com/topics/misp-today/articles/436006-top-four-misp-trends-that-will-shape-2018.htm> ³<https://www.datacenterknowledge.com/manage/be-aware-these-5-data-center-trends-2018> ⁴<https://www.gartner.com/ngw/globalassets/en/information-technology/documents/insights/100-data-and-analytics-predictions.pdf> ⁵<https://www.cio.com/article/3217020/data-management/your-data-accessibility-problem-is-costing-you-65-million.html> ⁶<https://www.techrepublic.com/article/why-chief-data-officers-can-help-it-succeed-in-digital-transformation/> ⁷<https://www.dimensiondata.com/en/Microsites/hybrid-IT-Insights> ⁸<https://www.idc.com/research/viewtoc.jsp?containerId=US43152417> ⁹<https://www.i-scoop.eu/internet-of-things-guide/edge-computing-iot/> ¹⁰<https://www.gartner.com/smarterwithgartner/what-edge-computing-means-for-infrastructure-and-operations-leaders> ¹¹<https://www.prnewswire.com/news-releases/global-edge-analytics-solutions-market-to-reach-1344-billion-by-2025-reports-bis-research-684278021.html> ¹²<https://wireless.cioreview.com/cxoinsight/wifi-trends-what-to-expect-in-the-next-five-years-nid-12748-cid-13.html> ¹³<https://www.seguyreports.com/sample-request/1265599-prose-proximity-services-for-lte-5g-networks-2017-2030-opportunities-challenges> ¹⁴<https://www.gartner.com/newsroom/id/3872933>