consoleconnect

Are IT professionals in Singapore equipped to **manage the challenges of gen AI?**

Based on the findings of over 1,000 Chief Technical Officers (CTOs) and senior IT Leaders globally, we have identified the opportunities and challenges the emergence of generative AI has created for network management.

But how does this vary across different regions? Here, we highlight how generative AI is impacting business leaders in Singapore and share key advice on how IT teams can manage the network demands of generative AI adoption.

Discover here

88%
of Singaporean business leaders said their current network infrastructure did not have the capacity to embrace generative AI to its full potential, compared with the global average of 69%.

82%
of Singaporean CTOs believe the rush to adopt generative AI may have long term repercussions on technology infrastructure planning. They are more wary than colleagues across the globe where the average is 76%.

39%
However, only 39% of Singaporeans agreed gen AI is going to put their organisation's network at risk of cyberattacks or data breaches, which rises to 90% in Australia and has a global average of 71%.

58%
Additionally, only 58% of Singaporeans said IT team resources would be a priority in adopting gen AI, compared with the global average being 76%.

> "Businesses need to examine the complex connectivity requirements that generative AI demands to build a strong foundation for the future."

Paul Gampe,
CTO of Console Connect

6 key **considerations**

Can you monitor and audit how your generative AI tools are interacting with your network?

Does your IT team have the skills to deploy generative AI platforms across your network?

Do you have the security measure in place to prevent a cyber-attack?

Does your current network have the edge computing capabilities to process IoT data and deliver real-time quality insights?

Do the AI systems that you plan on implementing adhere to regional/local compliance regulations?

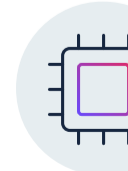Do you have an agile network with the flexibility to scale or upgrade on demand?

Top 3 barriers to adopting gen AI	Top 3 priorities for IT teams when adopting gen AI
Cybersecurity risk	Increasing cybersecurity
Lack of skill within the IT team to support it	Ensures it complies with regulatory requirements
Existing network infrastructure couldn't support it	Upgrading the network infrastructure

7 emerging **AI trends**

Mass adoption of LLMs	AI-as-a-Service	Unified data and AI platforms	Virtual GPUs	The move towards Edge AI	Managing larger volumes of data with network automation	Automating at the edge

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