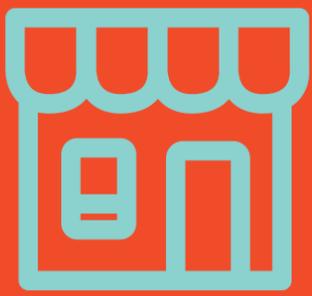


# 10

## THINGS YOU NEED TO KNOW ABOUT AI AND IOT IN APAC

Businesses across the Asia-Pacific (APAC) region have begun to employ artificial intelligence (AI) and the internet of things (IoT) in order to operate smarter and stay competitive.



### 7/10 RETAILERS

Seven out of 10 APAC retailers plan to invest in IoT technologies by 2021 to address customer concerns such as inconsistent pricing and stock management - *Zebra*



### \$7081.15 BY 2025

Revenue from the artificial intelligence for enterprise applications market in the APAC region is expected to reach \$338.14m (US) in 2018 and expand to \$7081.15 (US) by 2025 - *Statista*



### 83% NEW ROLES

AI has generated new roles for 83% of organisations implementing AI. Among those that had deployed AI at scale, 63% said no job had been axed - *Capgemini*



### 51% ORGANISATIONS

51% of organisations in Southeast Asia said they still need to better understand the benefits of IoT. Only 8% have implemented IoT, though the benefits are not yet clear to those organisations - *Asia IoT Business Platform*



### 43% CIOs

43% of CIOs from the region had deployed or were planning to roll out IoT technologies compared with 37% globally. Some 37% were deploying some form of AI technology, compared to 25% globally - *Gartner*



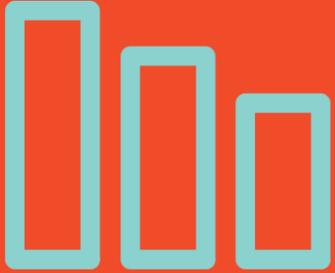
### 107% CAGR

Strong spending growth from Asia/Pacific (including a 107% CAGR in Japan) will move it ahead of EMEA by 2020 to be the second largest market for cognitive/AI spending. - *IDC*

# TECHNOLOGY ADOPTION



"Asia/Pacific is home to some very successful and entrepreneurial digital businesses, as well as to established manufacturing, financial services, protein export, mining, government agencies and higher education establishments, that are driving the region up the technology adoption curve" - *Andy Roswell-Jones, Gartner*



## 48% SIGNIFICANT USE

80% of enterprises have active AI in production today, with Asia-Pacific leading all regions. 48% of APAC enterprises interviewed report AI is in significant use within their companies - *Vanson Bourne*



## 40% CEOS

40% of CEOs investing in machine learning and 58% automating certain functions to adapt to and profit in an increasingly digital age - *PWC*

## TOP CHALLENGES



"Top challenges for manufacturers leveraging IoT include data security, legacy systems, skills gap, data quality, data privacy, poor collaboration, and insufficient budget" - *Capgemini*

## THE IOT: 6 FACTS YOUR BUSINESS NEEDS TO KNOW

FROM DIGITALCENTRE2020

- 1 Industry the Primary Driver:** Consumer IoT generates the most hype, but it's the industrial applications that will offer the greatest initial opportunity, and generate the most revenue.
- 2 Collaboration is Key:** Collaboration between partners in the IoT ecosystem can improve the operational and cost efficiencies needed to meet growing demand for connected devices.
- 3 Productivity Gains to Outweigh the Risks:** Barriers to adoption include the perception that the IoT is expensive and complicated - which obscures the fact that the yield for businesses will come from the productivity gains.
- 4 Addressing Privacy and Security Concerns:** The consumer market is loosely regulated and lacking security and safety standards, with concerns over information privacy a further challenge. Enterprises may need to take steps towards self-regulation to make IoT security a reality.
- 5 Geocities of Things:** In Asia, in line with a global trend, governments are increasingly looking to cities as fertile ground for realising IoT value. Singapore is generally regarded as a good example of what a 21st-century IoT-powered city might look like.
- 6 A Need for Careful Planning:** To capitalise on the IoT's potential efficiencies, business process implications and revenue opportunities, companies need to be considering now whether their data centres can take the IoT load. Does your business have the data centres and the infrastructure in place to help it realise the IoT's benefits?

To gain further insight and knowledge, and share best practices on data centre transformations visit [digitalcentre2020.com/apac](https://digitalcentre2020.com/apac).