Media Release

Singapore unveils one of the world's first in master-planning an expansive digital infrastructure stack to power Singapore's next bound of growth

Singapore, 5 June 2023 – Ahead of Asia Tech x Singapore (ATxSG), the region's most influential technology event, **Mrs. Josephine Teo, Singapore's Minister for Communications and Information** launched Singapore's **Digital Connectivity Blueprint (DCB)** that sets the direction for the next bound of Singapore's digital connectivity. Singapore's Infocomm Media Development Authority (IMDA) has also partnered Amazon Web Services AWS to launch a Joint Innovation Centre (JIC), a first-in-Southeast Asia and IMDA has also appointed 18 high potential tech professionals as SG Digital Leaders under the SG Digital Leadership Accelerator.

Architecting Singapore's Digital Future

Developed in consultation with the Advisory Panel on Digital Infrastructure, co-chaired by **Dr. Janil Puthucheary, Singapore's Senior Minister of State, Ministry of Communications and Information**, and **Mr. Irving Tan, Executive Vice President of Global Operations at Western Digital**, and other industry partners, the Blueprint outlines our strategic priorities and moves into new frontiers to stay ahead of the curve. Singapore will continue to invest ahead of demand, and holistically plan for the entire digital infrastructure stack – hard infrastructure, physical-digital infrastructure and soft infrastructure, to ensure that our digital infrastructure is future ready.

Singapore is committed to stay ahead by growing our digital connectivity to create better lives and exciting opportunities for our people and enterprises. Singapore will double down on the following strategic priorities:

1. Provide capacity to enable submarine cable landings to double within the next ten years.
2. Build seamless end-to-end 10 Gbps domestic connectivity within the next five years.
3. Ensure world-class resilience and security for our digital infrastructure.
4. Pioneer a roadmap for growth of new Green Data Centres and push the sustainability envelope.
5. Drive greater adoption of the Singapore Digital Utility Stack, to expand the benefits of seamless digital transactions.

In addition, Singapore will make moves in more nascent and frontier areas to reap future opportunities:

1. Advance the vision of a Quantum-safe Singapore within the next ten years.
2. Put in place foundations for pervasive autonomy.

3. "Green software", to mitigate intensified compute by building the nascent ecosystem for sustainable software.

4. Enable innovative solutions in key industries with Low Earth Orbit satellite services.

The Blueprint serves as a strong foundation upon which Singapore can realise better opportunities, stronger trust and empowered communities.

IMDA appoints 18 Singaporeans as SG Digital Leaders in 2023

In addition, **Mr. Tan Kiat How, Singapore's Senior Minister of State, Ministry of Communications and Information** met with 18 Singaporeans from 16 companies who were appointed as SG Digital Leaders. This is part of IMDA's efforts to groom Singaporean leaders in the tech ecosystem to take on leadership in the digital economy.

The SG Digital Leaders are founders of high-growth tech start-ups, leaders in large companies (MNCs), and innovators building tech products for the world. These leaders come from diverse backgrounds, lead regional teams, and specialise in product development with backgrounds in Artificial Intelligence (AI), Machine Learning (ML), data, software, and engineering.

The SG Digital Leadership Accelerator aims to build a strong community of Singaporean digital leaders for the tech ecosystem, and it does so by bringing together emerging leaders in different stages of their careers to support one another on their professional and personal leadership journeys. Through the network, the SG Digital Leadership Accelerator will fast-track leadership development of IMDA's SG Digital Leaders and SG Digital Scholars. The programme will provide networking opportunities, mentorship from global tech leaders and allow these leaders in turn to mentor our younger Singaporeans in the ecosystem.

IMDA-AWS Joint Innovation Centre @PIXEL to advance the adoption of tech solutions in the region

IMDA and Amazon Web Services (AWS) launched the first Joint Innovation Centre (JIC) in Southeast Asia on 5 June 2023. This physical space housed within IMDA's Innovation Hub, PIXEL – one of the leading launch pads for corporate and start-ups the region, is equipped with specialised labs including AR/VR, 5G, and usability testing facilities, and will connect corporates and start-ups across Southeast Asia.

To inspire corporates and public sector organisations to accelerate industry innovation, and to support the growth of promising start-ups, the JIC will provide exclusive access to the latest tech showcases and demonstrations, innovation methodology for successful adoption and deployment, PIXEL's workshops for

design thinking, over 200 fully featured AWS technology for experimentation, and project-based consultation by IMDA and AWS's experts.

With the aim of increased adoption of tech solutions, the JIC is also a connection to IMDA's and AWS' network of corporates and start-ups across Southeast Asia. They will also benefit from the AWS Partner Network, which will provide corporates and start-ups access to customers in various industries including government, education, and healthcare, in Singapore and internationally. The partners can accelerate their development with AWS, tap into AWS Partner Programs, list their software on AWS Marketplace, and enjoy dedicated support for co-selling opportunities.

Refreshed every four to six months, the JIC will feature tech solutions that are built on AWS and from start-ups that are part of IMDA's initiatives such as the Accreditation and Spark programmes. Debuting on the launch day are AWS's Generative AI model image creation, IMDA's Programmes start-ups – Virspatial's digital twin solution for efficient energy management, H3 Zoom AI's machine learning solution to automate interior inspection for built environment, and Pindrop's AI-based solution for anti-fraud and accurate customer authentication via voice recognition.

Powered by AWS and tech advisory under IMDA's Tech Acceleration Lab, companies can also develop Proof-of-Concept projects in a sandbox environment involving both private and public sectors. Read more about the IMDA-AWS JIC memorandum of intent announced in November 2022 here https://pixel.imda.gov.sg/stories/aws-jic/

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About Asia Tech x Singapore (ATxSG)

ATxSG 2023 is Asia's leading technology event jointly organised by Infocomm Media Development Authority (IMDA) and Informa Tech - supported by the Singapore Tourism Board (STB). The event consists of two main segments, ATxSummit and ATxEnterprise.

ATxSummit (6 – 7 June), the apex event of ATxSG held at Capella Singapore, comprises an invitation-only Plenary covering themes like Generative AI, web 3.0, digital x sustainability across four key pillars: Tech x Trust, Tech x Good, Tech x Builders and Tech x Creative. ATxSummit also features the ATxAI and SG Women in Tech conferences, alongside G2G and G2B closed-door roundtables to facilitate closer partnerships between the public sector and digital industry.

ATxEnterprise (7 – 9 June), organised by Informa Tech and held at Singapore Expo, will host conferences as well as exhibition marketplaces comprising B2B enterprises across Technology, Media, Infocomm, Satellite industries and start-ups. ATxEnterprise consists of BroadcastAsia, CommunicAsia, SatelliteAsia, TechXLR8 and InnovFest x Elevating Founders. For more information on ATxSG, please visit asiatechxsg.com.

About the Infocomm Media Development Authority (IMDA)

The Infocomm Media Development Authority (IMDA) leads Singapore's digital transformation by developing a vibrant digital economy and an inclusive digital society. As Architects of Singapore's Digital Future, we foster growth in Infocomm Technology and Media sectors in concert with progressive regulations, harnessing frontier technologies, and developing local talent and digital infrastructure ecosystems to establish Singapore as a digital metropolis. For more news and information, visit www.imda.gov.sg.

About the SG Digital Leaders programme

SG Digital Leaders is a leadership development initiative that co-funds and co-develops future leaders in the tech and media sector together with private sector employers. It offers scholarship opportunities for up-and-coming Singaporean SG Digital Leaders, who will also have mentorship and peer coaching opportunities by drawing on the experience of established industry leaders.

For media queries, please reach out to:

Email: aung_thi_ha@imda.gov.sg

Hill+Knowlton Strategies

Email: HKATxSG@hkstrategies.com