

Digital Realty Extends Global Reach of PlatformDIGITAL® with Third Data Centre in Singapore

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Platinum BCA Green Mark certified facility designed for highly energy-efficient operation and sustainable water usage

50-megawatt data centre to provide critical IT capacity to scale enterprise digital infrastructure within a vibrant connected data community

SINGAPORE, April 5, 2021 /PRNewswire/ -- **Digital Realty**, a leading global provider of carrier- and cloud-neutral data centre, colocation and interconnection solutions, announced today the official opening of its third data centre in Singapore. The multi-story, 50-megawatt facility, known as Digital Loyang II or SIN12, is Digital Realty's largest data centre in the country and will bring the company's total committed investment to date in Singapore to over US\$1 billion. This significant expansion will enable local and multinational enterprises to deploy critical infrastructure and scale their digital business at the heart of a connected data community on **PlatformDIGITAL®**.

SIN12 is substantially pre-leased to a thriving community of leading global cloud service providers, local as well as global financial services providers and leading Southeast Asian enterprises. In addition, the new facility will introduce next-generation colocation services for regional customers in Singapore and will further expand **PlatformDIGITAL®**, the company's global data centre platform. It will offer customers in APAC new avenues to connect, extend their reach and uncover new business opportunities. SIN12 will offer enterprises the full spectrum of colocation services and will enable them to scale their critical infrastructure on-demand within a connected data community with optimal proximity to carriers, networks and cloud service providers. Productized solutions for network, control and data hub footprints offered on PlatformDIGITAL® will help accelerate customers' ability to rapidly scale their digital business.

Digital Loyang II is adjacent to Digital Loyang I, or SIN11. The two facilities are connected by diverse high-count fiber

routes, enabling customers in both facilities to connect directly via dark fiber cross-connects and access a connected data community of network and service providers on Digital Realty's open global platform. Both facilities are also interconnected to Digital Jurong (SIN10), Digital Realty's data centre located on the west side of Singapore. The Digital Loyang campus is less than 25 kilometres from Singapore's central business district and is strategically located in close proximity to the Changi north cable landing station, a key sub-sea interconnection hub for the region.

SIN12 builds upon Digital Realty's track-record of delivering **sustainable** data centre developments across the globe and has already achieved a Platinum certification under Singapore's BCA Green Mark building assessment system. The Green Mark certification scheme is designed to evaluate a building's overall environmental impact and performance and provides a comprehensive framework for assessing new and existing buildings to promote sustainable design and best practices in construction and operations.

"Singapore is a well-established financial and business hub, and consistently ranks among the top data centre markets globally," said Digital Realty Chief Executive Officer A. William Stein. "The opening of our third data centre is a major milestone on our **PlatformDIGITAL®** roadmap and underscores our long-term commitment to support the country's digital economy. The transition to the digital economy has impacted the way companies across all industries create and deliver value. There's a growing need for a combination of open interconnection and next-generation colocation that will reduce the complexity of digital transformation. Expanding our footprint in Singapore will enable us to better help our customers enhance their digital transformation efforts and scale their digital business models regionally as well as globally."

Singapore is ranked fifth among the top 10 data centre markets globally, according to **Cushman & Wakefield**. These findings coincide with Digital Realty's **Data Gravity Index™**, a recently published study that measured, quantified, and determined the implications of the explosion of enterprise data. Data gravity is expected to more than double annually from 2020-2024, with Asia Pacific expected to generate the fastest growth across all regions. Singapore is expected to be the second-fastest growing market across the 53 global metros analyzed, driven by growth in the intensity of data within the banking, financial services and high-tech manufacturing industries.

"Digital Realty's continued investment in Singapore builds upon the strong existing business and investment ties between the United States and Singapore. Both countries rank highly in terms of digital competitiveness and are committed to building a robust digital economy at a global level," said Christian Koschil, Digital Attaché, Embassy of the United States of America. "We believe Digital Realty's expansion in Singapore will further strengthen the Republic's standing as a global connectivity gateway. We also applaud Digital Realty's commitment to sustainability in their operations, as tackling climate change requires a collective response from all stakeholders – in government and the private sector."

Sustainability was a guiding principle for the design and construction of SIN12. It will be among the most sustainable data centres in the region, with a power usage effectiveness (PUE) of 1.25. The facility will feature efficient cooling system design and controls to help minimize evaporation losses and improve water-use efficiency. It will be equipped with turbine generators rather than diesel engines and a combination of uninterruptible power supply (UPS) and lithium-ion batteries will facilitate sustainable management. The building management system (BMS) will monitor thousands of data points to ensure the data centre is running efficiently and providing optimal energy performance for customers.

"Balancing digital growth with sustainability remains a key priority for the industry," said Mark Smith, Managing Director, Asia Pacific for Digital Realty. "We're proud that our new facility will help customers meet their digital and sustainability goals, with energy-efficient design and operational features. We're encouraged by the recently unveiled Singapore Green Plan 2030 and the new edition of the Green Building Masterplan. Sustainable growth will be critical for the country to remain competitive as a leading global data centre hub."

Digital Realty's Continued Asia Pacific Expansion

Within the Asia Pacific region, Digital Realty operates a rapidly expanding network of industry leading data centres located in Singapore, Hong Kong, Tokyo, Osaka, Seoul, Melbourne and Sydney. Digital Realty's accelerating expansion across APAC is expected to include new development projects throughout 2021 within several key metros.

Supporting Resources

- Learn more about the Digital Loyang II (SIN12) Data Centre [here](#)
- Learn about the Data Gravity Index on the insights [hub](#)
- Read about Digital Realty's Industry Manifesto [here](#)
- More detail on Digital Realty's sustainability initiatives is available [here](#)
- Read the Eco-business white paper: [The Future of Data Centres in the Face of Climate Change](#)

About Digital Realty

Digital Realty supports the world's leading enterprises and service providers by delivering the full spectrum of data centre, colocation and interconnection solutions. PlatformDIGITAL®, the company's global data centre platform, provides customers a trusted foundation and proven Pervasive Datacentre Architecture (PDx™) solution methodology for scaling digital business and efficiently managing data gravity challenges. Digital Realty's global data centre footprint gives customers access to the connected communities that matter to them with more than 275 facilities in 47 metros across 24 countries on six continents. For more information, please visit digitalrealty.com or follow us on [LinkedIn](#) and [Twitter](#).

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Safe Harbor Statement

This press release contains forward-looking statements which are based on current expectations, forecasts and assumptions that involve risks and uncertainties that could cause actual outcomes and results to differ materially, including statements related to the official opening of the SIN12 data centre, our expectations for Singapore and the APAC region, the Data Gravity Index™, PlatformDIGITAL®, and our expectations regarding our sustainability program, including cooling technologies. For a list and description of such risks and uncertainties, see the reports and other filings by the company with the U.S. Securities and Exchange Commission. The company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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