

# Fact Sheet

May 2012

## Data Centre Park

The Infocomm Development Authority of Singapore, Singapore Economic Development Board and JTC Corporation are working together on the development of a data centre park (DCP) to strengthen Singapore's position as an economic and infocomm hub. Besides attracting MNCs and enterprises to set up their HQ and premium DC operations here, the DCP will also help to entrench Singapore as an infocomm and media hub by having more premium DCs such as banks and Telco carriers located here. Such DC infrastructure will attract world-class Internet and media companies to host their content and services in Singapore, thus attracting more Internet traffic and international network providers.

The proposed DCP is estimated to occupy an area of about 13 hectares and may consist of six to eight DC buildings providing up to 111,000 sqm<sup>3</sup> (approx. 1.3 million sqft<sup>3</sup>) of DC rackable space.

Key features of the DCP include:

### Redundancy and resiliency in infrastructure

As DCs are mission-critical facilities, infrastructure in the DCP will be designed to support fully redundant and resilient configuration. For example, DCP will be capable of supporting dual power feeds, redundant sources of cooling and network path diversity to ensure that DC operations will not be compromised if any part of the infrastructure should fail.

### Ready-built infrastructure

Supporting infrastructure will be available and easily scalable for plug-and-play DC deployment. A purpose-built and dedicated on-site power plant will be built to meet the high power requirements of next-generation DCs and ensure reliable power supply with minimal transmission losses. Telecommunication infrastructure such as high capacity fibre networks and Internet exchange will also be established for the connectivity needs of DCs.

### Ready DC plots and customised industrial park guidelines

Plots of land will be demarcated within DCP and made available for DC investments. Investors can rapidly build their own DC facility within DCP, leveraging various supporting infrastructure to get to market quickly and reduce overall capital expenditure and operating costs through the economies of scale provided by DCP.

### **Status to-date**

To ensure the sustainability of the DCP, IDA put up a Request for Comments (RFC) to invite the industry to provide their views and comments on the business model of the DCP, its ownership and operating structure, as well as technical specifications for the DCP. The RFC closed in May 2010 and a summary of the responses can be found on the IDA website at:

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[http://www.ida.gov.sg/doc/Infrastructure/Infrastructure\\_Level2/20090204132625/DCP\\_SOR.pdf](http://www.ida.gov.sg/doc/Infrastructure/Infrastructure_Level2/20090204132625/DCP_SOR.pdf)

IDA, EDB and JTC are currently preparing the design specifications on the provision of major services in the park. There will be proactive engagement with the industry to seek inputs on the development of the park, and the park is slated to be operational by mid-2014.

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## **About Infocomm Development Authority of Singapore**

The Infocomm Development Authority of Singapore (IDA) is committed to growing Singapore into a dynamic global infocomm hub. IDA uses an integrated approach to developing infocomm in Singapore. This involves nurturing a competitive telecoms market as well as a conducive business environment with programmes and schemes for both local and international companies. For more news and information, visit [www.ida.gov.sg](http://www.ida.gov.sg).

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