

NEWS RELEASE

NCS appointed as lead provider to develop the Smart Urban Habitat Masterplan and Smart Hub for the HDB

Smart Hub to be scaled for estate management of over 1,000 HDB blocks progressively from 2017

Singapore, 11 July 2016 –NCS, a wholly-owned subsidiary of the Singtel Group, has won a S\$10 million tender by the Housing & Development Board (HDB) of Singapore as the lead provider to blueprint the smart HDB towns of the future under the Smart Urban Habitat Masterplan (SUHMP). In addition, NCS will develop a Smart Hub platform to provide the HDB with advanced analytics and data for better estate management.

Mr Chia Wee Boon, Chief Executive Officer of NCS said, "The Smart Urban Habitat Masterplan supports Singapore's aspiration to become a Smart Nation by outlining a long-term plan to drive the development of HDB towns with smart eco-friendly features that make communal environments more liveable, safe and sustainable. For more than 80% of Singapore residents who make their home in HDB flats, the benefits in the long-run are manifold."

For example, to conserve energy and reduce wastage of resources in HDB estates, data from sensors on solar panels, LED lights and smart pumps in water tanks can be analysed to assess and maintain the effectiveness of these systems. Service disruptions to residents can also be minimised by analysing usage patterns of common amenities such as lifts and smart lights to pre-empt maintenance problems.

Such benefits can be made possible through the Smart Hub, which is based on NCS' IntelliSURF™ platform for situational awareness and smart city operations. Once developed, this Smart Hub will integrate all the data that it receives from sensors embedded within the estate and generate relevant insights for HDB.

Mr Chia added, "The Smart Hub has the capability to integrate information from a variety of data systems and sensor networks. It is designed to help HDB and estate operators know what is happening in the estate so that they can improve service efficiency and achieve sustainability goals."

The Smart Hub will scale up to over 1,000 HDB blocks progressively from 2017 onwards.

As the lead provider, NCS will partner AECOM Singapore, Arup Singapore and Samsung SDS Asia Pacific to identify and recommend a series of smart initiatives, with which HDB can consider for deployment into HDB towns. These initiatives can include a variety of estate enhancing services such as smart community services and implementation of game-like tools to engage residents and foster closer community living.

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About NCS

NCS is a member of the Singtel Group and the leading information, communications and technology (ICT) service provider with presence in over 20 countries. NCS delivers end-to-end ICT solutions to help governments and enterprises realise business value through digital transformation and the innovative use of technology. Its unique delivery capabilities include consulting, applications development, systems integration, outsourcing, infrastructure management and portal solutions. It also provides mobility, social networking, business analytics and cloud computing services.

For more information, please visit www.ncs.com.sg

About NCS' Solutions for Urbanised Future (SURF)

[SURF](#) is NCS' response to address the needs of Smart and Safe cities through the use of technology. It integrates new technologies into solution offerings to enhance essential government services and deliver game-changing enterprise innovations. SURF incorporates smart city solutions and applications to improve social equity and productivity in the age of Internet-of-Things. One of the core Intellectual Property (IP) developed by NCS is IntelliSURF™ - a scalable and inter-operable platform for implementation of smart and safe city solutions.

For more information, please visit www.surfnation.net

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