

ANNEX F

June 2014

FACTSHEET *IDA Booth Highlights*

1) Smart Nation in Action

What can be seen?

- The Jurong Lake District (JLD) shared infrastructure (sensors and connectivity) that will allow for the test-bedding of smart nation solutions
- Smart Nation solutions that will be tested in JLD

What's interesting?

- Solution for District Management that uses video and image analytics to estimate the level of cleanliness and detect littering occurrence; smart Bin technology to monitor the utilization of rubbish bin
- Solution for Urban Mobility that provides taxi stand queue and taxi arrival information through advanced video analytics and cloud-scale business analytic technology to commuters
- Use of Energy Management System in a Smart Nation with Sensor Networks to track sustainability targets and creates energy benchmarks to encourage behavioural changes

2) Agile, Pervasive & Trusted Infrastructure: Heterogeneous Network (HetNet)

What can be seen?

- A showcase which replicates a small-scale HetNet deployment through integrating a cellular mobile network and a WiFi network.
- Showcase of Mobile data-offloading technology in HetNet topology. Data-offloading is an option for mobile operators to mitigate traffic problem by moving mobile data traffic from the cellular network onto Wi-Fi networks.

What's interesting?

- Booth visitors will be able to have a hands-on experience of the increased data throughput through the use of HetNet-enabled mobile handsets/tablets.
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3) Transformative Power of Technologies @ Home

What can be seen?

- Wearable and sensor technologies that can help improve the home living experience. (e.g., blood pressure monitor, fitbit, Hexoskin)

What's interesting?

- Visitors be able to try out the technologies, and see how the data from hardware is collected into repository system, analysed, and aggregated into meaningful information (e.g., BMI, sleeping efficiency, eating habit)

4) IDA Labs on Wheels

What can be seen?

- A thematically built bus which will travel to schools to conduct fun activities and workshops.

What's interesting?

- The first theme will be on Game Science & Technology. Students will be able to learn through various activities (e.g., game coding, robot programming), the benefits and transformative powers of using game thinking and game mechanics in non-games context.

For media clarification, please contact:

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