SMART NATION PROGRAMME

Smart Nation Programme Office

19 Mar 2015

Global Technology Trends

- Falling Price of Hardware

- Mass Customisation

- Hyperconnectivity

Smart Nation Programme

For Singapore to be a nation that integrates IT, networks and data seamlessly to fundamentally transform our daily living, our communities and our future.

A nation in which technology supports **better living**, **more opportunities** and **stronger communities**.

Building a Smart Nation Together

Government

Public &
Community

Industry & Research
Institutes

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Supporting our Seniors

- Technology can support today's seniors, actively or passively

- Our working adults of today will also be the seniors of tomorrow

- Seek to support
  - Independent living
  - Active lives
  - Daily needs (e.g. medical assistance)

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Existing Technologies

- Panic buttons

- Motion sensors

- Smart appliances

- Monitoring of proxy indicators

Balzano, Italy

- Living Safe Project by IBM
- Monitors your typical routines, and environmental indicators in the home
- Alarm to social services personnel, volunteers, family members

Temp: 27 °C
Humidity: 29 %
CO2: 680 ppm
CO: 1.61 ppm
Smoke: 0.0992
Water: 0

Remote Monitoring

- Bed sensor technology to keep an eye on fall-prone patients/elderly

Image from: eVida website
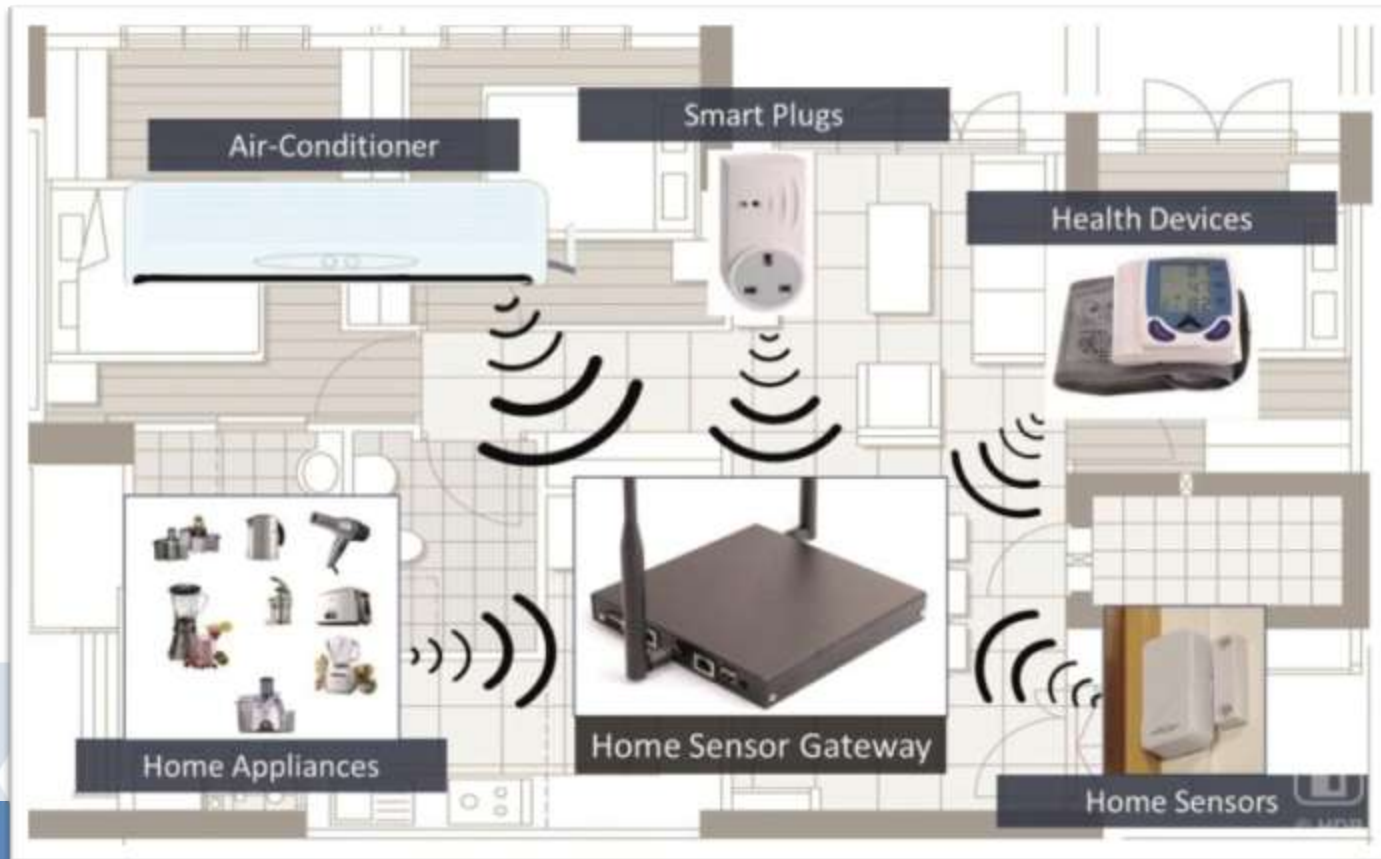
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Smart Elderly Monitoring and Alert System

- Trials in 12 households in Singapore

Smart Home Trials

- Piloting the provision of digital infrastructure to support smart devices in HDB flats

Active Ageing

"Our Smart Nation vision can radically change how we approach the idea of active ageing, so that we have more to look forward to in our golden years."

- *Prime Minister Lee Hsien Loong, 24 Nov 2014*

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Understanding Needs

- Focus Group with Seniors, Jan 2015

Where do we go from here?

- Build on existing trials
- Further understanding of needs, possibilites, partners

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Let's Build a Smart Nation Together

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