CLOUD COMPUTING AND THE STRATEGY FOR ICT DEVELOPMENT IN HONG KONG

Stephen MAK
Government Chief Information Officer, HKSAR
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THE DIGITAL 21 STRATEGY – THE FIVE KEY ACTION AREAS

- Facilitating a digital economy
- Promoting advanced technology and innovation
- Developing Hong Kong as a hub for technological cooperation and trade
- Enabling the next generation of public services
- Building an inclusive, knowledge-based society
WHAT DOES CLOUD COMPUTING MEAN FOR THESE, AND SUSTAINABLE DEVELOPMENT IN GENERAL?
Facilitating a Digital Economy

- Subtle changes in the policy and regulatory frameworks
- New opportunities for sectoral development and synergy
- Challenges in trans-border data flow, data privacy and ICT manpower requirements
- Accelerating the need for regional and international collaboration
- New requirements in infrastructure and standards
Opportunities for indigenous software and applications to market themselves on a global scale

New demands for high throughput, high density data centres and enabling technologies

Re-engineering of software and applications to make them truly cloud-enabled and be able to deliver the promised benefits

Opportunities for redrawing the demarcations among layers of the computing model and platforms

Opportunities for greening the environment through prudent deployment of resources
DEVELOPING HK AS A HUB FOR TECHNOLOGICAL COOPERATION AND TRADE

- HK as a premier location for high end data centres and strategic Clouds that serve a global market (e.g. Financial, Healthcare, Educational)
- HK as a key partner in national and international R&D and domain specific standards
- HK as a preferred platform for testing out innovative ideas and solutions and riding on the good infrastructure, legal system, free flow of information, protection of intellectual property, and propensity to adopt new products and solutions, etc.
ENABLING THE NEXT GENERATION OF PUBLIC SERVICES

- Changing expectations in the IT era
- HK Government already set a target for transition to the Cloud
- Expect private, public and hybrid Clouds to be the norm in Government’s use of IT in the foreseeable future
- Lever for building community Clouds and sector-specific Clouds
- Government procurement regime will be adapted to suit the Cloud model, aimed at a win-win-win situation
BUILDING AN INCLUSIVE, KNOWLEDGE-BASED ECONOMY

- Riding on the Cloud model to open up public sector information for re-use
- Opportunities for community Clouds to address the needs of SMEs, entrepreneurial start-ups, low-income families, people with disabilities and volunteer work
- Opportunities for wider knowledge sharing and management of intellectual capital in the community
- Opportunities for enhancing Web / Cloud accessibility
THANK YOU!