HO CHI MINH CITY PEOPLE'S COMMITEE DEPARTMENT OF INFORMATION AND COMMUNICATIONS

DIRECTING HO CHI MINH CITY TOWARDS A SMART CITY

- Resolution no. 16-NQ/TW of the Political Bureau on Developing modern and civilized Ho Chi Minh City as a special city and a leader in industrialization and modernization; increasingly contributing to national and regional areas; gradually becoming a major center of economics, finance, commerce, science and technology of the country and ASEAN region; actively participating in transforming Vietnam into a modernized-oriented industrial country in 2020.
- ■The resolution of the Communist Party of Vietnam in Ho Chi Minh City's 10th Congress on the development of Ho Chi Minh City into a civilized, modern and warm-hearted city which provides a good quality of life; as a motivation in modernization and industrialization to become a major center of economics, finance, commerce, science and technology in ASEAN region.



Strongly developing of science, technology and innovation as the main driving force for socioeconomic development association with the development of the knowledge economy

SMART CITY



GENERAL OBJECTIVES

- **1.** Drive economic growth toward a knowledge economy
- **2.** Enhance livability and workability
- **3.** Facilitate smarter governance
- **4.** Increase citizen participation in city governance
- **5.** Improve operational integration

SMART CITY



- Building e-government
- Linking and sharing data

CITIZEN

- Enhancing the interaction between government and citizen
- Providing facilities for citizen

ENTERPRISE

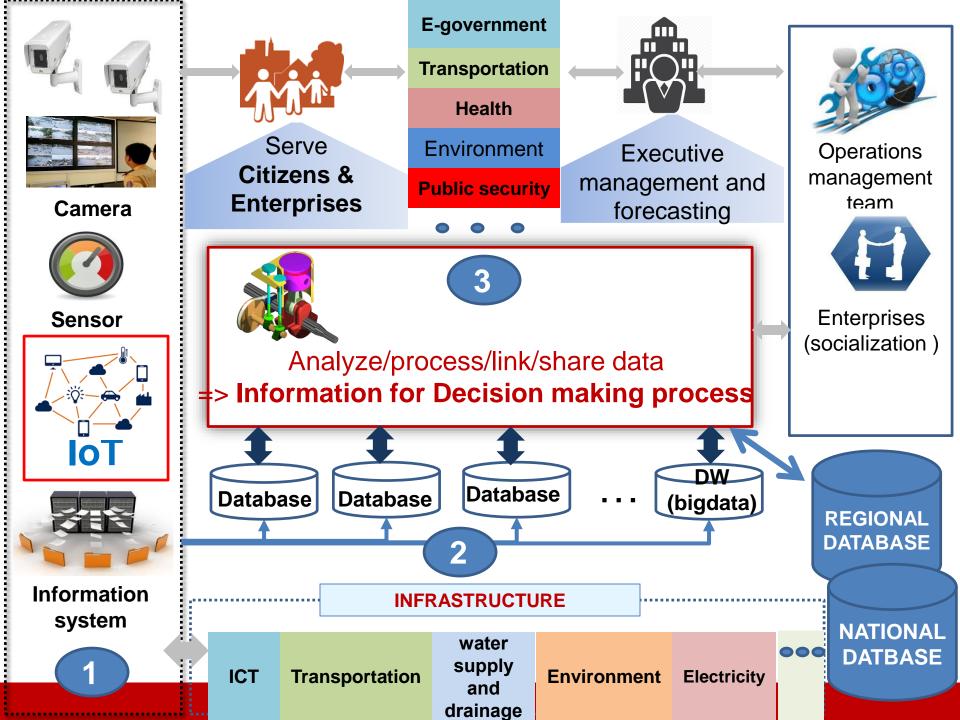
Creating a transparent, simple and convenient environment for enterprises

MAIN CONTENT

- 1. Propose an Open ICT framework
- 2. Building a Shared Data Warehouse and developing an Open Data eco-system
- 3. Establishing Security Operations Centre (SOC)
- 4. Building a Smart City Operations Model
- 5. Focus areas:

E-government; Traffic congestion and traffic accidents; Urban flooding; Environment; Health services; Food safety; Public security; Urban renovation and development;

- **6. Communications and training plan** supporting citizen to participate in smart city operation
- 7. Recruiting and training plan improving the capacity of the management team and technical staff of the City to operate smart city



IOT PLATFORM

***** Benefits:

- Support to **connect multiple IoT platforms**, satisfying different solutions, applications as well as different IoT devices.
- Use the big data analysis systems, shared data warehouses,
 Enterprise Service Bus → improving resource efficiency; enhancing interconnection between applications; saving cost for storage and analysis systems.
- Use the cloud platform to save costs, the ability to expand as required.
- Ensure consistency in the management of security and data safety

IOT PLATFORM

Main functions:

- Connect and manage sensor devices
- Gateways
- Collect and analysis data
- Provide programming interfaces for user applications
- Build the principles, open standards throughout each subclass of the system, support for maximum responsiveness, compatibility with different platforms, solutions and IoT devices.



DEPARTMENT OF INFORMATION AND COMMUNICATIONS



IT APPLICATIONS FOR ADMINISTRATIVE REFORMS

GOALS TOWARDS 2020

COMMAND DOCUMENTS

80% of documents is in electronic form

IT APPLICATIONS
FOR PROCEDURE
& SECTOR
MANAGEMENT

100% Districts80% Departments apply ISO standards

E-SERVICES

100% public services provided online (level 3, level 4)

Towards developing of open architecture

1.1 – Independence to suppliers



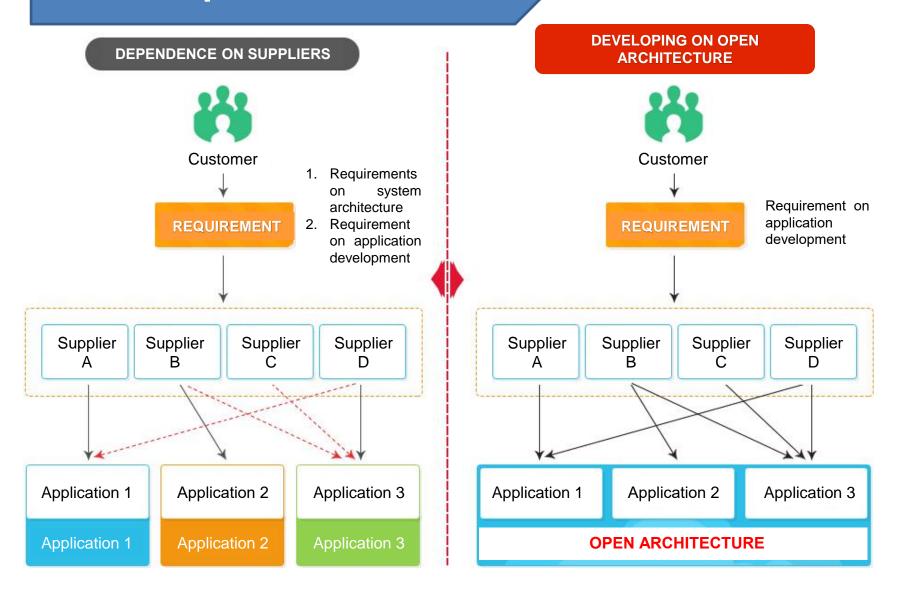
1.2 - Unified architecture



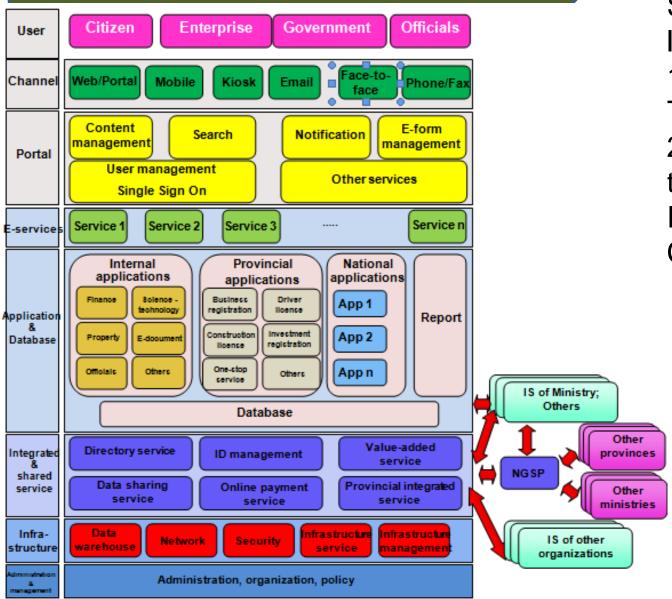
1.3 - Integrated connection



1.1 - Independence

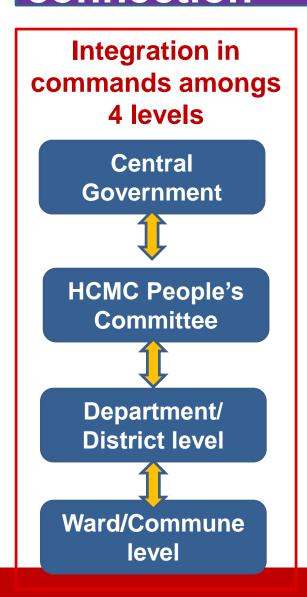


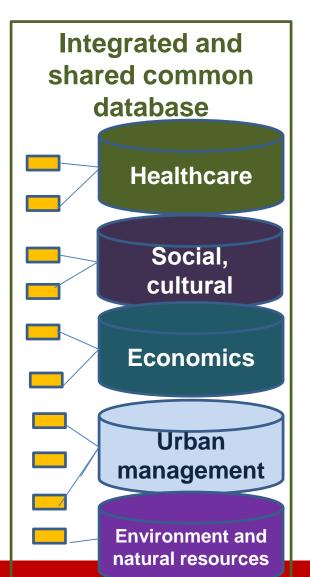
1.2- Unified architecture

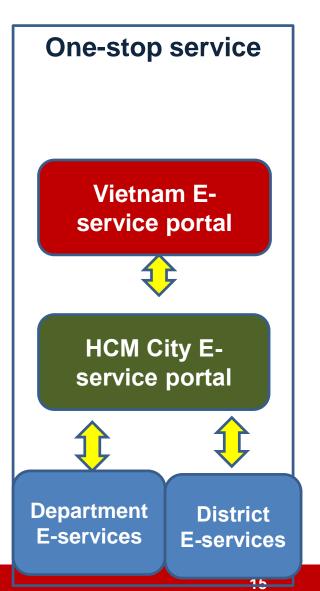


Source: Official letter no.
1178/BTTTTTTTH dated on 21st April 2015 of the Ministry of Information and Communications

1.3 – Integrated connection







OPEN SMART CITY

For enterprises:

- To propose specific projects for implementing the smart city master plan, in which, pay more attention to calling for resources from society;
- To encourage enterprises to invest and lease IT services in order to quickly and effectively deploy IT applications

Receiving comments for the scheme:

Consulting debates and comments from the City People's Council, Vietnam's Fatherland Front in Ho Chi Minh City, sociopolitical organizations, specialists, business's representatives, start-up enterprises, young intellectuals, associations, foreign firms in Ho Chi Minh City.



Thank you