Building a Smart City
Information Highway
The urban population grows, and the trend of urbanization is obvious.

- 13% in 1900
- 29% in 1950
- 49.5% in 2005
Challenges Coming Consequently

“The strategic and economic policies of the 20th century are obsolete, and it is time to find new ones.”
But We need a City, Makes Life Better

More Intelligence
More Safety
More Efficient
More Green
More Health
More Convenient

Smart City
How To Be Smart?

Sensing and activities of intelligent cities

- e-Traffic
- City emergency command center (ECC)
- e-Education
- e-Health

....

- Brain of the intelligent city: **Unified City platform+IDC**
- Neural network of the intelligent city: **communication network + Internet + Internet of Things**
- Neurons of the intelligent city: **M2M terminals/gateways**
- Nerve ending of the intelligent city: **wireless sensor network (WSN)**

![Diagram of intelligent city layers](attachment:diagram.png)

- Behavior - business application
- Brain - Platform layer
- Neural network - Network layer
- Five senses - Sensing layer

Information convergence → Application convergence → Intelligent analysis

- Information processing
- IoT
- Internet
- Network
- Vision
- Hearing
- Touch
- Taste
- Smell

**IoT**, **Internet**, and **Network**

**Information convergence** → **Application convergence** → **Intelligent analysis**

**Behavior** - business application

**Brain** - Platform layer

**Neural network** - Network layer

**Five senses** - Sensing layer
Smart City Solution Overview

Open Cloud Platform
City Data Center
City Network (Metro Network + Wireless)
Sensors/Terminals

Beautiful Future of City
City Needs a Information Highway

- Police
- City management
- Health care
- Education
- Taxation
- Industry & commerce

Cloud services and icons represent various city services and needs.
Huawei’s Global Smart City Practices

Huawei Smart City solution has been applied in more than 20+ countries, 60+ cities worldwide.
Join Together to Build Our Smart City

ICT solutions provider

Wireless

Network/Security

Cloud data center

Monitoring, collaboration, and command

Equipment room and energy
We have never been connected so closely
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