

An aerial view of a modern city skyline. The foreground shows a river with a bridge, surrounded by green spaces and palm trees. In the middle ground, there are several high-rise buildings, including two prominent ones with curved, glass facades. The background shows more city buildings under a clear sky.

# **SMARTER CITIES**

## **beyond cyber security**

## **new market perspectives**

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# Smart Cities

- A smart city (also smarter city) uses digital technologies or information and communication technologies (ICT) to enhance quality and performance of urban services, to reduce costs and resource consumption, and to engage more effectively and actively with its citizens. Sectors that have been developing smart city technology include government services, transport and traffic management, energy, health care, water and waste. Smart city applications are developed with the goal of improving the management of urban flows and allowing for real time responses to challenges. Smart grids are part of the concept.

## + Safety & Security

- Smarter Secure Cities – adding the “Safety & Security” dimension

# The Quest for Safety & Security

An aerial photograph showing a town in Japan that has been almost completely destroyed. The ground is covered in a sea of rubble, including twisted metal, broken wood, and debris. Several multi-story buildings remain standing but are severely damaged, with missing roofs and exposed interiors. In the background, a large industrial facility, likely a nuclear power plant, is visible with its distinctive containment domes and cooling towers. The sky is overcast and hazy, and mountains are visible in the distance.

- Safety

- natural & human disasters
- working places
- transportation
- home
- every day life
- ...

- Security

- Personal
- Properties
- Goods (food, drugs, etc.)
- Infrastructures
- ...

# Digital Technology

The real potential turning point in this sector is due to ICTs

- smart portable devices: tablet, phones, watches, etc
- smart textiles
- remote sensing
- net of sensors
- robots
- automation
- drones
- GPS
- WIFI, wireless communications
- computer vision
- A.I.
- etc etc

# New Set of Services - SSS

The Smart City concept, based on a grid & network platform, must incorporate "Safety and Security as a Service".

This is a new emerging market addressing:

- Law enforcement
- Public authorities
- Companies
- Citizens
- ...

# Safety

- Disaster prevention, recovery and management
- National & urban infrastructure
- Public services (e.g. transportation)
- Working places
- Home safety
- ....
- Health

# Security

- Borders control
- Critical infrastructure resilience
- National & urban infrastructure security
- Law enforcement
- Public company
- Private company
- Citizens
- ...



# Recent Reports

World Summit on the Information Society (WSIS) Forum 2015 25-29 May 2015 Geneva, ITU Headquarters and WIPO

High Level Policy Statements

**CYBER & SECURITY / SAFETY**

Extend

Action line "C5. Building confidence and security in the use of ICTs"

Safety and security are integral part of human rights, we must provide all the efforts in order to guarantee such rights (as stated in art 3,22, 25 - The Universal Declaration of Human Rights).


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United Nations Headquarters, New York US

WSIS+10 Overall Review by the United Nations General Assembly

<http://unpan3.un.org/wsis10/>





**SMART CITES: beyond cyber security  
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**Thank you**

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