Smart City Is Accelerating

Huawei Smart City Global Successful Case
Severe Challenges Facing Fast-Growing Cities

- City governance
- People's livelihood
- Industry development
- Disaster response
## Smart City Brings All-Round Changes to Cities

### Efficient Municipal Governance
- Social security
- Emergency response
- Utilities management
- Urban planning
- …

### High-quality Public Services
- Public transportation
- Education
- Healthcare
- Government services
- …

### Sustainable Economic Development
- Environmental ecology
- Industrial parks
- Tourism
- Intelligent manufacturing
- …
Smart City Enters 3.0 with Leading New ICT

Smart City V1.0
- Infrastructure focusing
  - National Broadband
  - Cloud Computing

Smart City V2.0
- Applications focusing
  - Safe City
  - Smart tourism
  - Smart government
  - Environmental Friendly

Smart City V3.0
- Platform focusing
  - City Management Platform
  - City Intelligent Management Center

Caribbean smart city is between smart city V1.0 and V2.0, but have late-developing advantage
Caribbean Smart City Construction Basis

Industry requirements
Tourism industry is extremely important for most Caribbean countries. Tourists require convenient service and safety.

Caribbean countries suffer from natural disasters, hurricanes, and flooding frequently. The country needs a fast response system to reduce the loss.

Environment desire

Government desire
Government wants to use technologies to solve national problems and bring more convenient public service to the public.

Experience Ready
Smart city is not only a concept now. Many cities have constructed smart cities with the help of ICT technology. New smart cities have reference value.

Caribbean Region economic is expected to grow by 2% in 2018. Smart cities will attract more investment for the city and nation.

Recovered Economy

Tourism industry is extremely important for most Caribbean countries. Tourists require convenient service and safety.
Huawei Actively Contributes to Global Smart City Construction and Sets Footprint in 120+ Cities in 40+ Countries.
Action Speaks Louder Than Words
Smart City Story in Yanbu, Saudi Arabia
RC Yanbu, Herald of Saudi Arabian National Transformation

Origin

RC Yanbu was established by Royal Decree in 1975, aiming to diversify economy and to minimize dependence on oil income

Present

RC Yanbu is the 3rd largest global refining hub and the largest industrial city by the Red Sea

Future

With more 420 KM² in plan, RC Yanbu will be the largest concentrated industrial location in the world, almost the same size of Singapore
Great Achievements from Smart City

| Road maintenance costs reduce 20% | More Income 5M $ Per Year | Public lighting cost savings 30% | Garbage removal efficiency improves 30% | 100% NTP Projects on track | Manhole O&M costs reduce 20% |

Heavy Vehicle Weight in Motion
Parking Automation System
Lighting Control System
Smart Infrastructure System
Smart Waste Management System
Venue Crowd Analytics
City Performance Reporting System
Smart Manhole

Cloud Data Center
National Broadband Network
Smart RC Yanbu: Clear Vision and Commitment

- Provide a competitive investment environment to attract new investors
- Improve the standard of living, security and recreation

RC Yanbu

- 100% NTP Projects on track
- Participants in community events >10k
- Average time of all incident response < 7 min
- Traffic accidents less than 1,200 / year
- Fiber coverage of RCY > 59%

Resident and Government Service

- Public areas covered by free Wi-Fi >70%
- Garbage removal efficiency improves 30%
- Public lighting cost savings 30%
- Road maintenance costs reduce 20%
Smart RC Yanbu v3.0 and Further: City of Wisdom

Intelligent Operation Center

Big Data Platform

IoT Platform

ICP Platform

Public Service Navigation

Smart Public Facility

Investment Trend Analytics

Emergency Response

Smart Police
### Key Success Factors for Smart City Construction

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<th>Top-leadership projects</th>
<th>Strong execution teams</th>
<th>Industry-leading digital partners</th>
<th>Solid investments</th>
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<td>Breaking data silos and restructuring processes</td>
<td>High-level planning, coordinated construction, and iterative evolution</td>
<td>Technology, platform, ecosystem, and experience</td>
<td>Sufficient investments with reasonable ROI</td>
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THANK YOU