



ITAPA Bratislava 2021

Inspiring Smart City Story in Longgang, Shenzhen
with Huawei

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Huawei Has Helped 16 Cities Win International Smart City Awards in the Past Four Years

LEADING NEW ICT

Smart City Expo World Congress

2016, 2017, 2018 and 2019

Gaoqing, Rustenburg, Qingdao, Yanbu, Shenzhen, Weifang, Dunhuang, Yingtan, Longgang, Hefei, Zhangjiagang, Zhengzhou (First Affiliated Hospital of Zhengzhou University), Cameroon, Kenya, Philippines Makati, South Africa SITA (National Information Technology Center)



Huawei Actively Contributes to Global Smart City Construction and Sets Footprint in 120+ Cities in 40+ Countries



**Action Speaks Louder Than Words
An Inspiring Smart City Story in
Longgang, Shenzhen with Huawei**



Challenges Facing Longgang



Covering an area of 385.94 square kilometers, Longgang has a population of 4.25 million, among which 70% is the floating population. Labor-intensive industries account for 90% of total industries.

Enabling "Single-Window" Government Services Through Cloud Transformation



Online services portal

Offline "single-window" handling



Cross-agency data sharing



Approval process



Average waiting time



Improving Public Safety with Video Cloud and Artificial Intelligence



2016–2017

The crime rate is decreased by
28.79%.

The case handling efficiency
is improved by **50%**.

Breaking Data Silos to Facilitate Data Sharing and Improve Service Efficiency

Case: free education application for children of migrant workers in Shenzhen



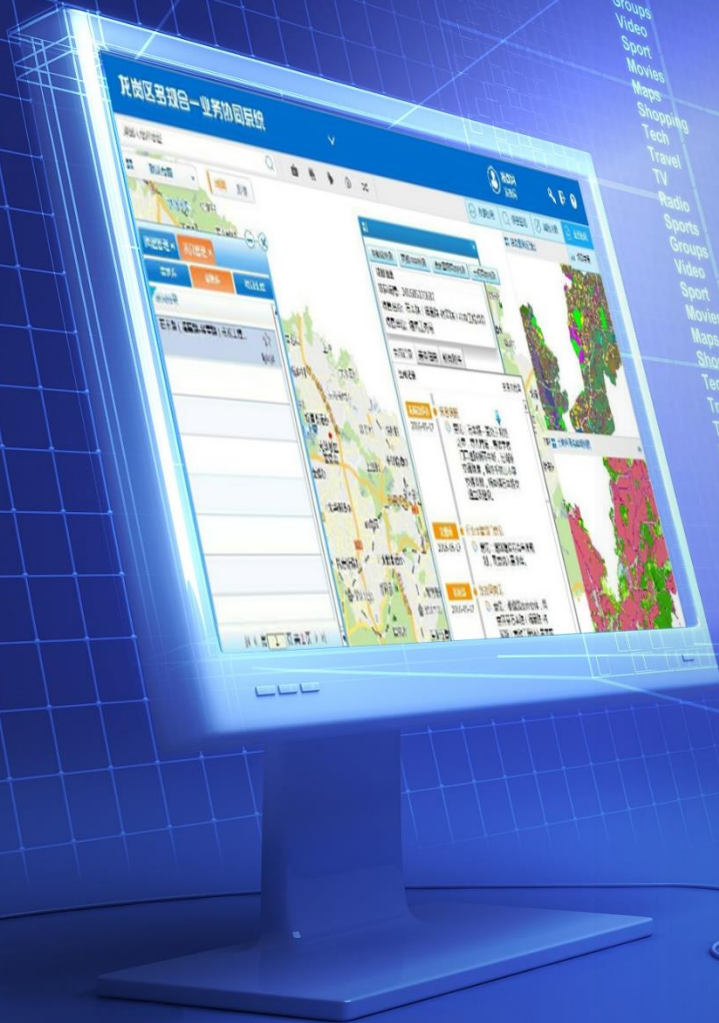
Apply online and submit materials offline once.

Visit multiple departments for several times, taking lots of time and efforts.

At present: 2 days

Before: 20 days

Multi-Planning-in-One: Making City Planning More Scientific with Cloud and Big Data



**Unified base map,
supporting scientific
decision-making**

**Data sharing,
avoiding repeated
construction**

**Joint review and
approval, improving
efficiency by 50%**

Innovating Through SMAC to Build a Smart Campus and Promote Industry Upgrading

Gangtou Industrial Area in 2012

Low-end processing, extensive management, and CNY200 million output



Tian'an Cloud Park in 2017

High-tech industries with digital operations and CNY100 billion output



*SMAC: social, mobile, analytics, and cloud computing

Helping Longgang District in Shenzhen Improve Public Service Efficiency, Job creation and Incubation industry

LEADING NEW ICT



- Shared bicycle
- White goods
- Smart logistics
- Smoke detector
- Smart lock
- Smart tracking

- Smart street lighting
- Smart parking
- Smart water metering
- Smart gas metering
- Smart electricity metering

IT resource usage

Service rollout efficiency

2018 Public Security Cases

Eco-Partners and Labors

10% → 65%

50% ↑

29% ↓

20+2000

With: Huawei Smart City Solution

Cloud data center, IoT, Big Data platform...

Feature

- 11 key projects based on the overall architecture that covers devices, networks, databases, diagrams, and cloud
- Single-window administrative approval processes 701 types of government services
- Smart policing construction

Huawei advantages

- 1 cloud, 2 networks, and 3 platforms
- Huawei works with partners to integrate ICT infrastructures with applications

HUAWEI

Vision and Mission

Bring digital to every person, home and organization
for a fully connected, intelligent world

Thank you!

