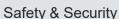
SMART CITY SOLUTION OFFERING

SMART CITY

TECHNOLOGY CHALLENGES IN CITY DIGITIZATION AND ENABLING NEW URBAN SERVICES







Traffic Mgmt.



Lighting



Environment



Parking



Waste Mgmt.

Vertically integrated Sensors

Increased complexity of sharing data across applications and domain

No Standardization across sensors in the same domain

Parking sensors can be based on-street sensors or video cameras

Multiple Lighting vendors bring in different interfaces for Adaptive LED lighting management and operations

Lack of Cross Domain Data and Information Sharing

City Safety Operations does not have real time view of Outdoor Lighting

Parking Operations can benefit from real time traffic information and location services

Fragmented Application Eco System

Different Applications leveraging different data sources and models.

Digitization in Cities is currently a complex software system integration project.

OUR APPROACH TO DIGITALIZATION OF SMART CITY

Integration Architecture with IoT Application Enablement Platform as the middleware





departments





Citizen Apps – Secure Information about Parking, Hyper Local Environment, Street Lighting Information, Waste Management Information







Vertical Operations Applications with access to more contextual information from other Urban Domains. Ex: Parking App also providing environmental and pollution data to Citizens a particular location

IoT App Enablement Platform



Integration of Sensors and Devices to IoT App

- Data Normalization
- Secure Data Store
- Well Defined APIs for Rapid App Development
- Plug and Play for sensors and devices without affecting Northbound applications
- > Data Monetization
- Services Delivery Automation



























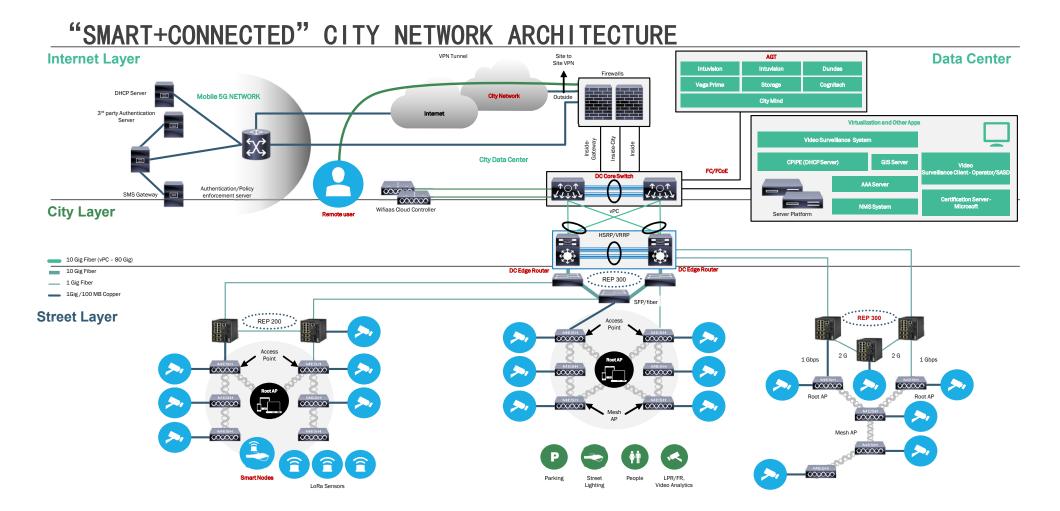








WE HELP TO PLAN, DESIGN AND BUILD CITY INFRASTRUCTURE



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Subscription Offering for City















WAAS WI-FI AS A SERVICE

- We offer Wi-Fi as a service which includes infrastructure, software, and managed services.
- ► Enterprise-grade Wi-Fi access point with dedicated bandwidth and speed to ensure exceptional customer experience.
- Pay-as-you-go model budgets your network expenses easily and optimize cost efficiency as your network grows.
- ► We offer 24/7 support and ease of deployment.

ZERO INVESTMENT ON







SMART CITY PROJECT REFERENCE

- Project Scope:
 - Smart City ICT Architecture Planning and Design
 - Project Assurance to assure the quality of implementation
 - Innovation Centre Design and Implementation
 - Report to senior government officials for project progress.
- Major China City
 - Approximately 3.5 sq km of green field development over 5-8 years;
 - Projected Population/Jobs: 250000/80000
 - Core Technologies: Big Data, IoT, Cloud, Al
 - Industry Focus: Smart City, Smart Economy, Smart Community
 - Regional HQ/R&D/Innovation Incubator

