

Quantela

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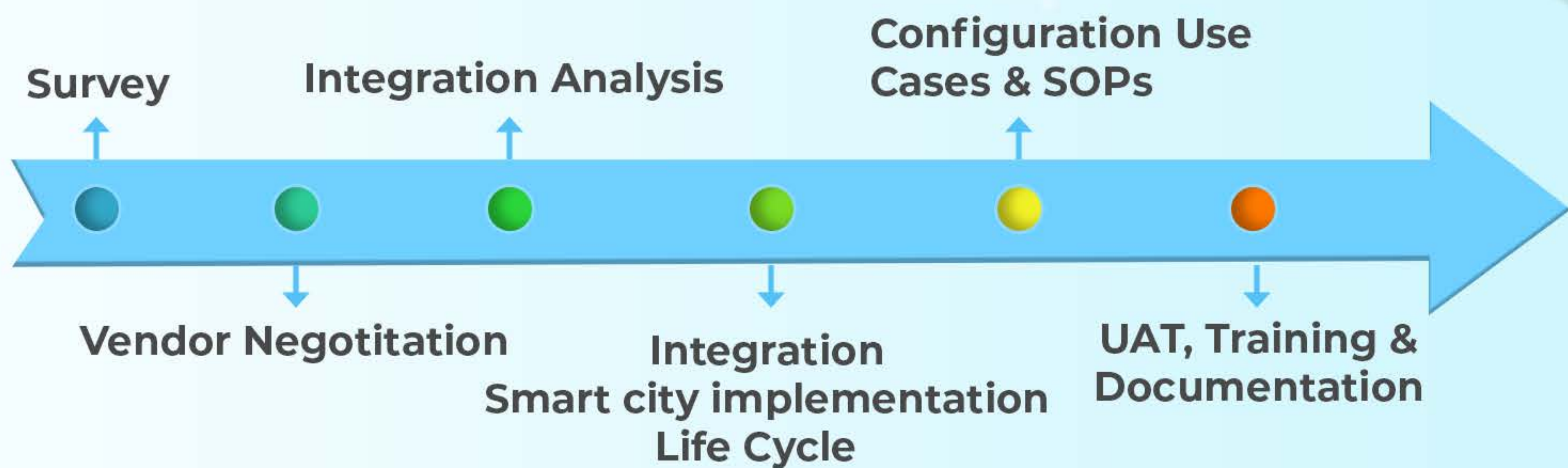


SMART CITY IN A BOX

Accelerate your city into a smart city

Problems in Smart City Implementation

Current smart city implementation is complex, inefficient and time-consuming. The implementations have seen overshoot of timelines throughout the implementation lifecycle resulting in a steep increase in time-to-implement, cost, and effort. On top of this, there are a multitude of challenges including multi-domain vendor integrations, customizations, use case implementation, and multi-agency operations



Outcomes and Use Cases



Smart Parking

- Use Cases:
- Identify the expected wait time for the parking slot
 - Dynamic pricing for parking based on parking utilization
 - Identify the parking area based on traffic congestion
- Outcome:
- ↓ Traffic Congestion
 - ↑ Parking Utilizations
 - ↑ Parking Revenue



Smart Lighting

- Use Cases:
- Adaptive lighting based on traffic movement & ambient light
 - Proactive maintenance of light by identifying the anomalies
 - Light usage and energy trend
- Outcome:
- ↑ Light Utilizations
 - ↑ Proactive maintenance
 - ↓ Energy Consumptions



Safety & Security

- Use Cases:
- Prediction of nearby assets based on the safety incident
 - Automated Orchestration of last mile communication for SnS incidents
 - Identify the crime hotspots to proactive monitor the cities
- Outcome:
- ↑ Pro activeness
 - ↑ Communication
 - ↓ Resolution Time



Smart Traffic

- Use Cases:
- Traffic congestion prediction based on multitude of factors
 - Real time traffic violation hotspots
 - Dynamic speed limit updates
- Outcome:
- ↑ Traffic flow
 - ↓ Traffic Congestion
 - ↓ Traffic Violations



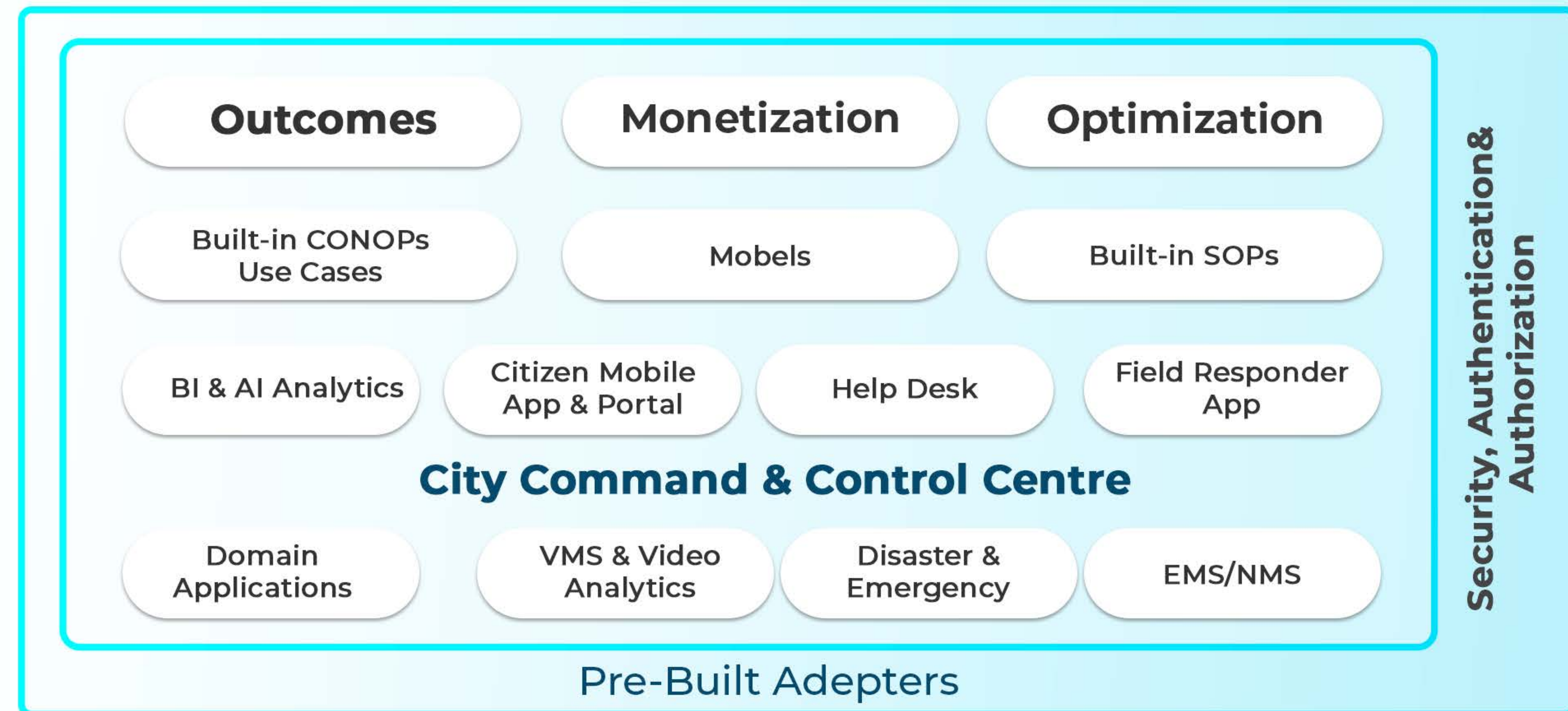
Solid Waste Management

- Us Cases:
- Dynamic Route Planning based on Bin fill rate and fill level in real time basis
 - Bin pickup readiness prediction
 - Automatic re-assignment of trucks based on breakdowns and the Bin fill rate
- Outcome:
- ↑ Fuel Saving
 - ↑ Cleanliness
 - ↓ Health Hazards

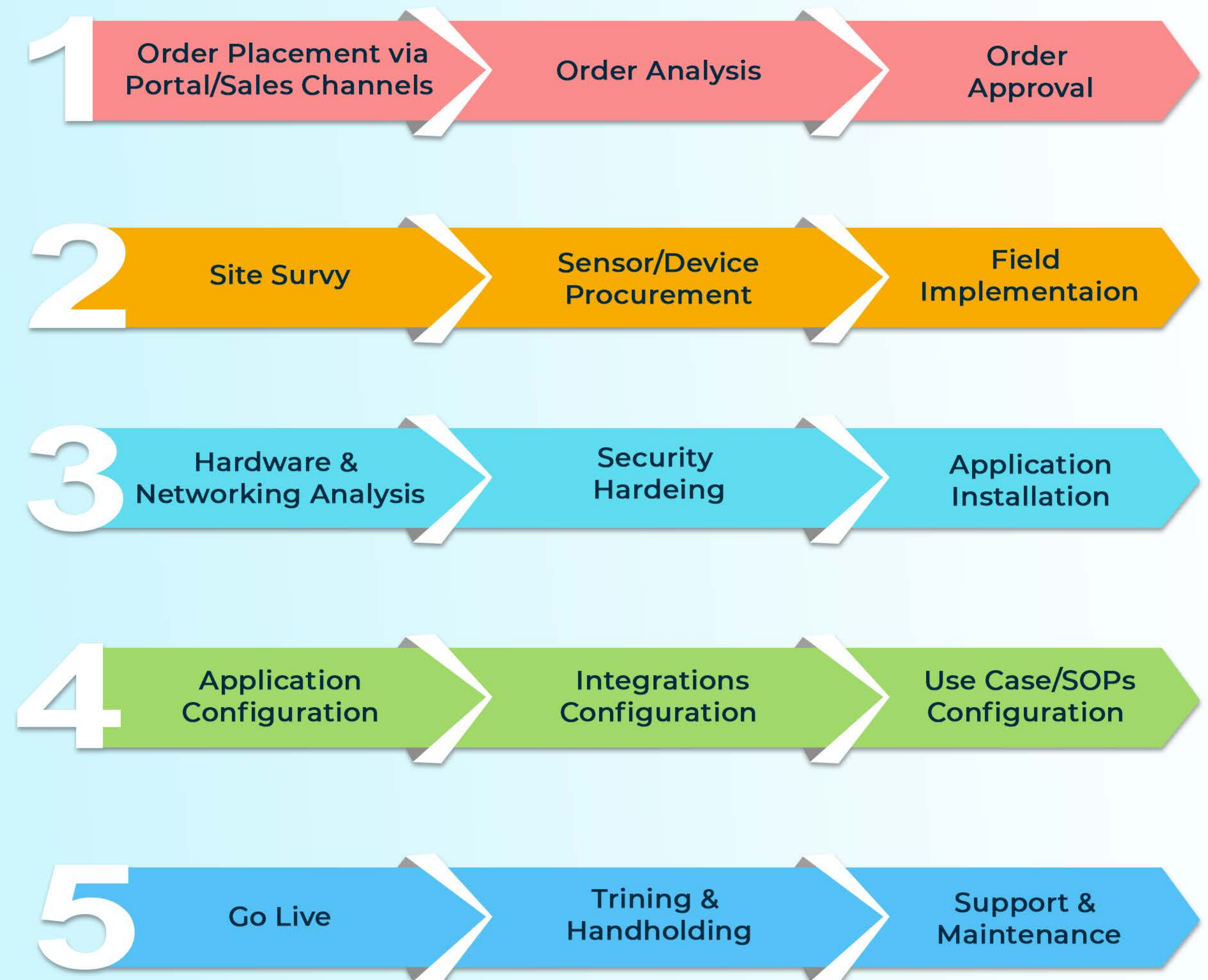
What's in the Box??

Smart City in a Box is built as an outcome-based construct that encompasses outcomes, use cases with built-in SOPs and reports, pre-built adapters that are integrated with leading urban service solutions of the eco-system partners.

City Administrator selects the city requirements in the form of pre-built use cases and the box provides all the essentials to implement the smart solutions as a customized package.



A 5 Step Implementation Process



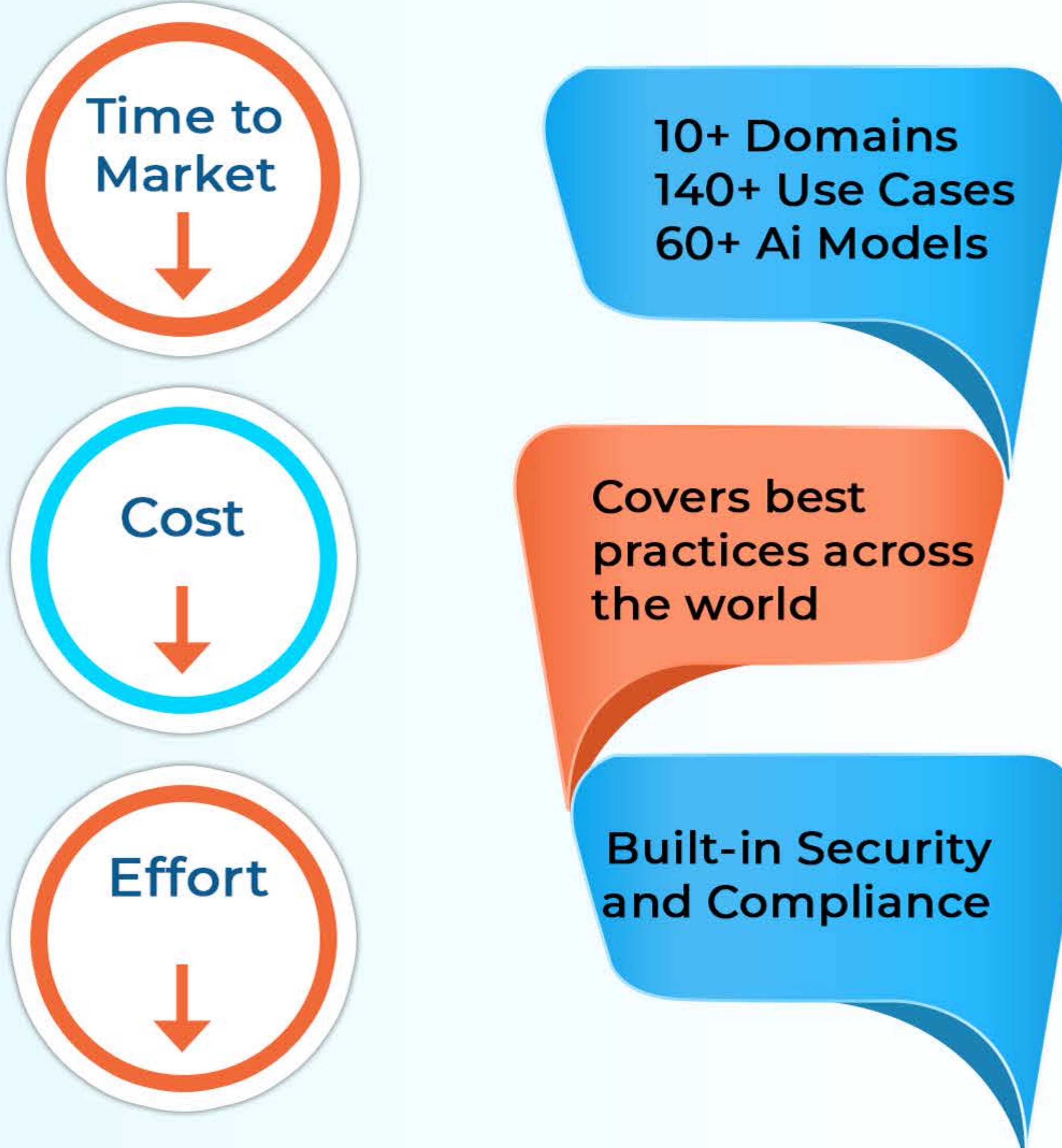
Solution: “Smart City in a Box”

“Smart City in a Box is a one-stop solution for implementing Smart Cities that accelerates the time-to-implement while whittling down the cost & effort and at the same time maintaining the quality and outcomes”

Plugin and Play Model

- AI-driven city platform
- Pre-built with basic city requirements
- Use Case based construct
- Purpose built with outcomes
- A frugal approach towards integration & implementation
- 50+ pre-integrated OEMs
- Scalable and Extensible
- Last mile connectivity (Field Responder and Citizen Services)

Value out of the Box

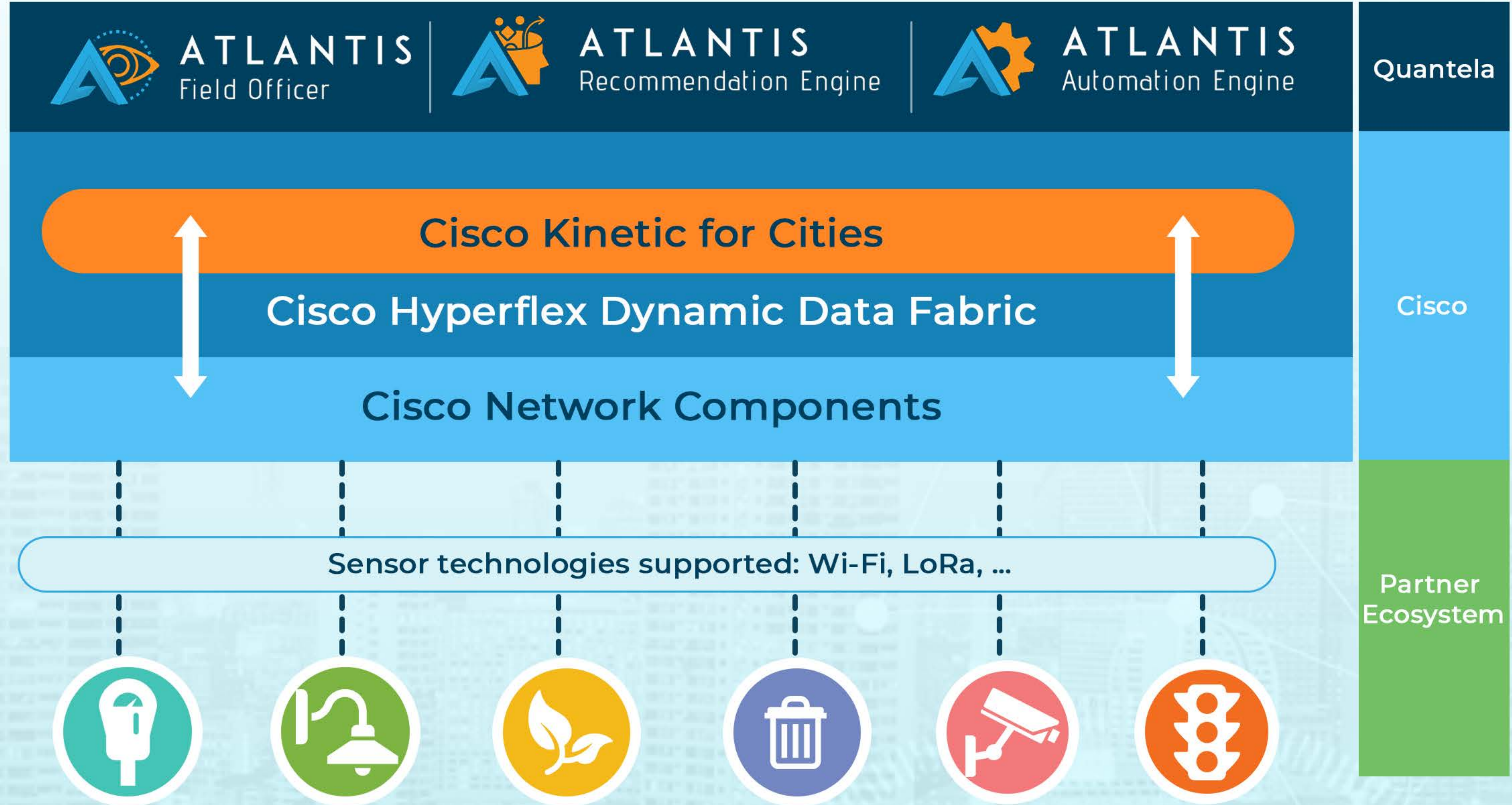


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Smart City in a Box Components

Cisco being #1 supplier* for Smart City solutions brings in their globally proven hardware, networking components and communication platforms as part of the Smart City in a Box Solution.



* Navigant Research Leaderboard

About Quantela

Quantela is a new age digital technology solutions company focused on being the intelligence behind every city. Our self-trained machine learning models augment city's effort to become sustainable and resilient

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About Cisco

Cisco (NASDAQ: CSCO) is the worldwide technology leader that has been making the Internet work since 1984. Our people, products, and partners help society securely connect and seize tomorrow's digital opportunity today

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