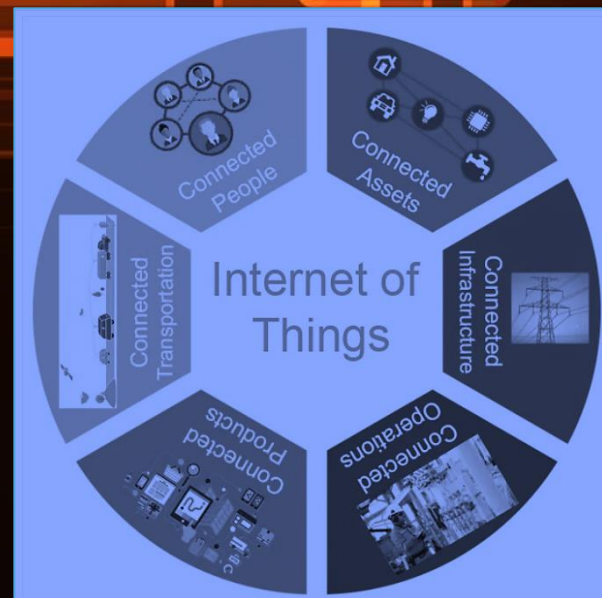


AJEEVI-Smart Digital Solutions





About Us

ABOUT AJEEVI

Leading Enterprise Solution Provider in multiple domain like

- Transport,
- Waste,
- Water



One of the largest SmartCity Solution Provider for Waste Management & Transport Solutions in India



Deployed 5,00,000 RFID Tags across Three Smart Cities. Transport Automation for 1500+ Buses in two states



We follow CMMI & ISO standards for continuous improvement in Organization processes and client services



ISO 9001
ISO 27001
ISO 20000
CMMI L-3
MSME



We are one of the first to have implemented fully IOT enabled Smart Waste Management System .



ABOUT AJEEVI

- Portfolio Analysis & Rationalization Consulting
- Enterprise Architecture
- Technology Advisory & Adoption
- Cloud feasibility Consulting
- SharePoint Governance Consulting

Architecture and Consulting Services



- Application Design, Development & Support
- SharePoint – Portal implementation, Collaboration suite, InfoPath, migration, ECM, BI & BDC/BCS, SSO, MS Office integration, Administration
- BizTalk Server -Application integration, Business process integration & monitoring, BRM
- SQL Server – Administration, SSIS, SSAS, SSRS

Enterprise Application Management

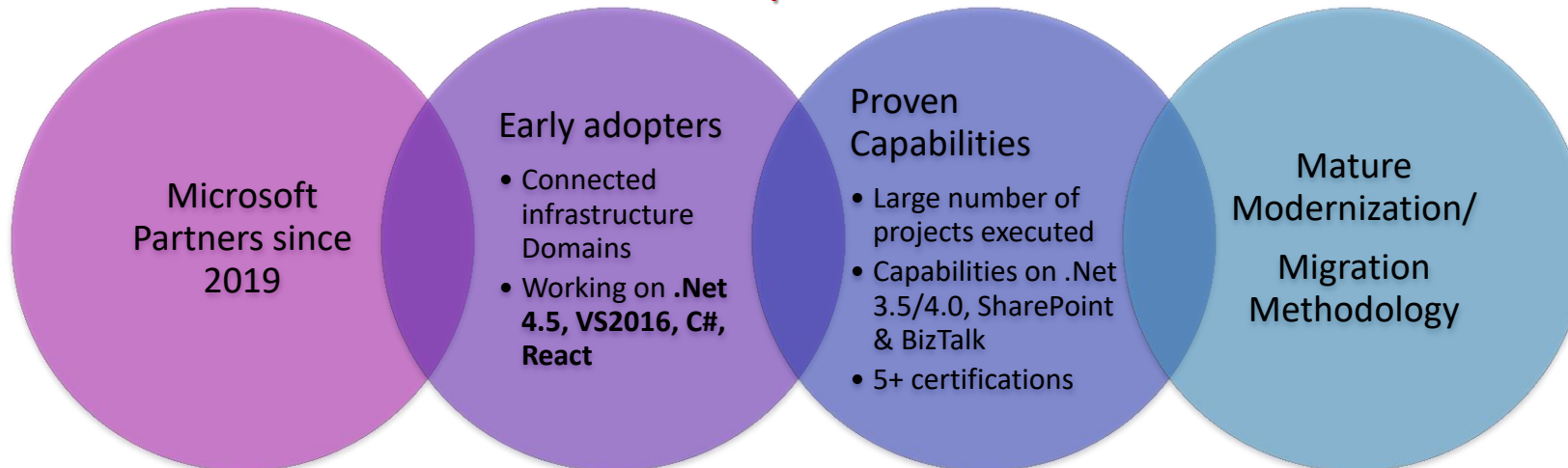


- Windows DNA to .NET
- Legacy Applications to .NET
- PowerBuilder to .NET
- Lotus Notes to SharePoint
- SharePoint Version Upgrades

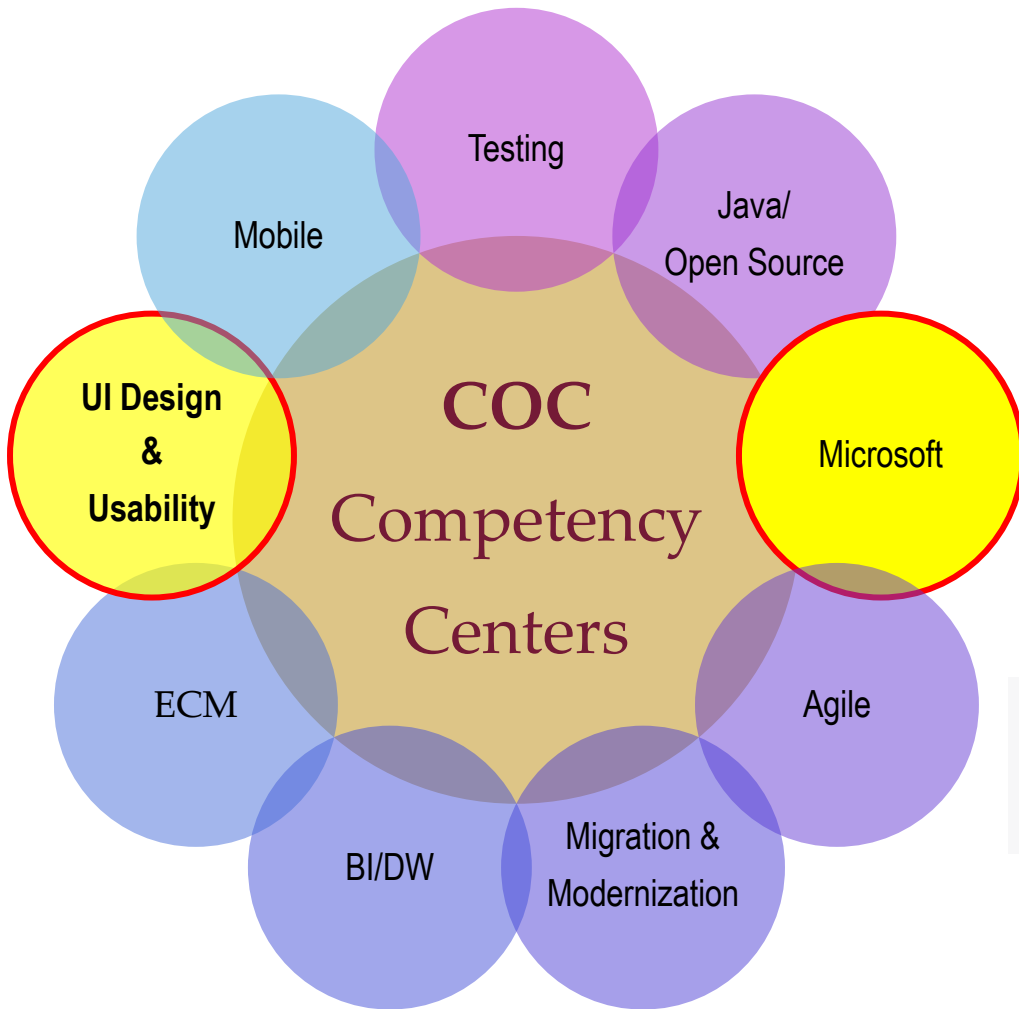
Application Modernization/ Migration



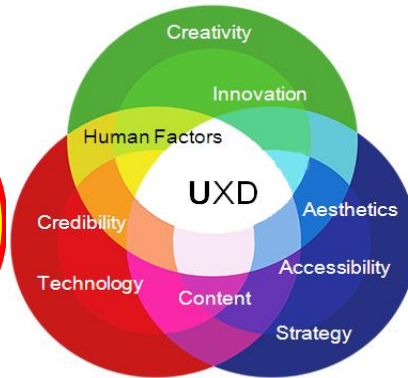
Value Proposition



AJEEVI Value Addition – Center of Excellence



We believe that **UXD** is a seamless blend of...



User Experience Design is not just about **esthetics**



It is about an **engaging experience** for the end user and ..



Ultimately **Delivering** them the tools they require



Our Strategy on **UX**

Strategic parameters to evaluate UX:

- How hassle-free is the actual 'usage' of the destination?
- Is it able to deliver a satisfactory usage 'experience' vis-à-vis the user's expectations?
- How well does the site highlight and present the key elements of the brand to the users?

Customer Challenges

Information Challenges

- Digital data is doubling every year
- Information is locked away in silos
- Business and Legal risks



People Challenges

- Workers spend 2 hours daily looking for info
- Difficulty to find right info & people
- Technology silos defeat collaboration






Process Challenges

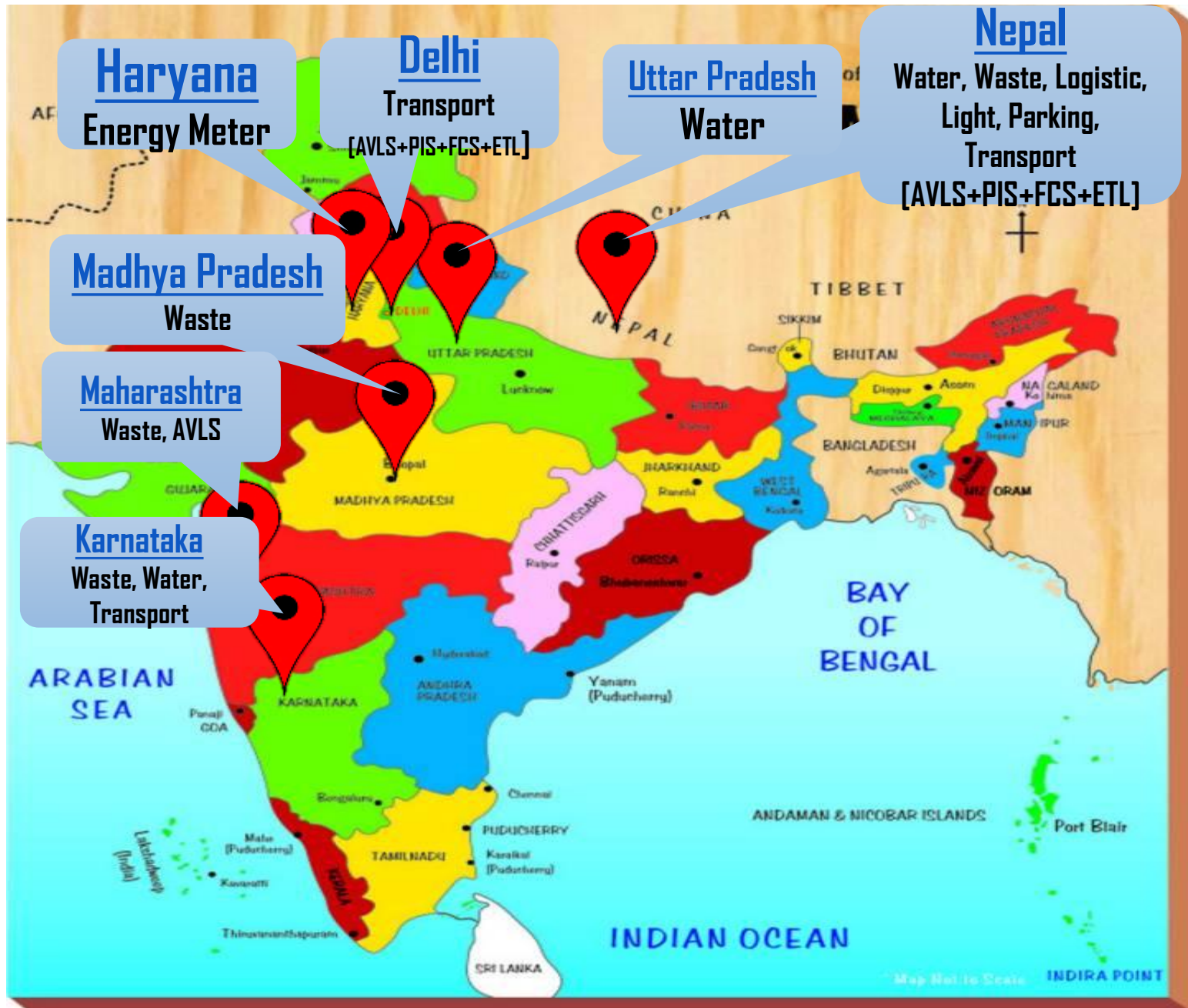
- Structured processes are not people friendly
- Costly custom development & maintenance
- Working across boundaries is too difficult



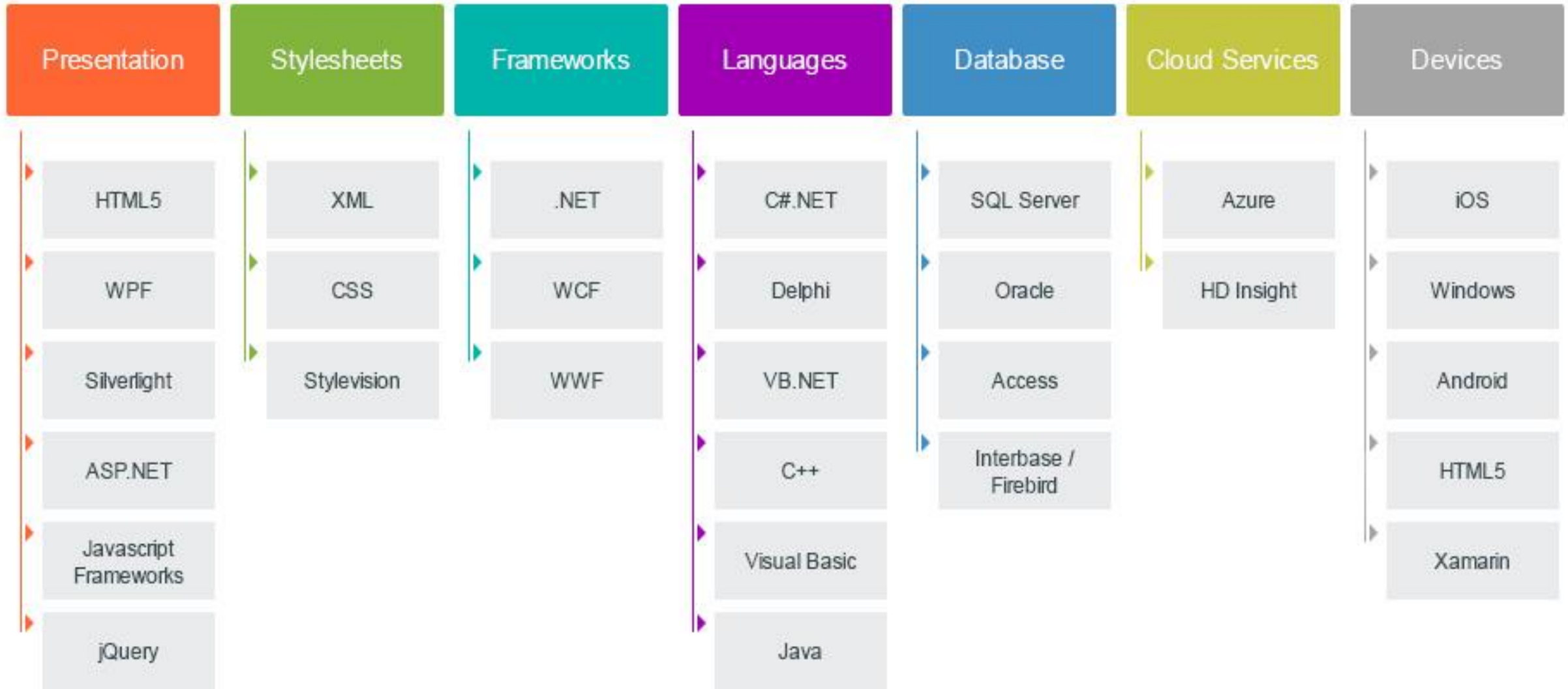
AJEEVI Clients

1. Transport					
2. Water					
3. Waste					
4. Parking					
5. Education					
6. Energy					
7. Environment					
8. Governance					

AJEEVI Presence



AJEEVI Technology Stack



AJEEVI Cloud Server Stack

Platform Services

Security and Management

- Portal
- Active Directory
- Multi-factor Authentication
- Automation
- Key Vault
- Store/Marketplace
- VM Image Gallery and VM Depot

Compute

- Cloud Services
- Service Fabric
- Batch
- Remote App

Web and mobile

- Web Apps
- API Apps
- API Management
- Mobile Apps
- Logic Apps
- Notification Hubs

Developer services

- Visual Studio
- Azure SDK
- Team Project
- Application Insights

Hybrid Operations

- Azure AD ConnectHealth
- AD Privileged Identity Management
- Backup
- Operational Insights
- Import/Export
- Site Recovery
- StorSimple

Integration

- Storage Queues
- Biztalk Services
- Hybrid Connections
- Service Bus

Analytics and IoT

- HDInsight
- Machine Learning
- Data Factory
- Event Hubs
- Stream Analytics
- Mobile Engagement

Data

- SQL Database
- SQL Data Warehouse
- Redis Cache
- Search
- DocumentDB
- Tables

Media and CDN

- Media Services
- Content Delivery Network (CDN)

Infrastructure Services

Compute

- Virtual Machine
- Containers

Storage

- BLOB Storage
- Azure Files
- Premium Storage

Networking

- Virtual Network
- Load Balancer
- DNS
- Express Route
- Traffic Manager
- VPN Gateway
- Application Gateway

Legend

★ = In preview at Azure Stack GA

AJEEVI Solution & Services

E-Governance ERP/CRM/SCM Solutions for various Domains

Custom Web Application Development

Mobile App Development

Bus Depot System ERP

Data Warehousing, BI & Analytics

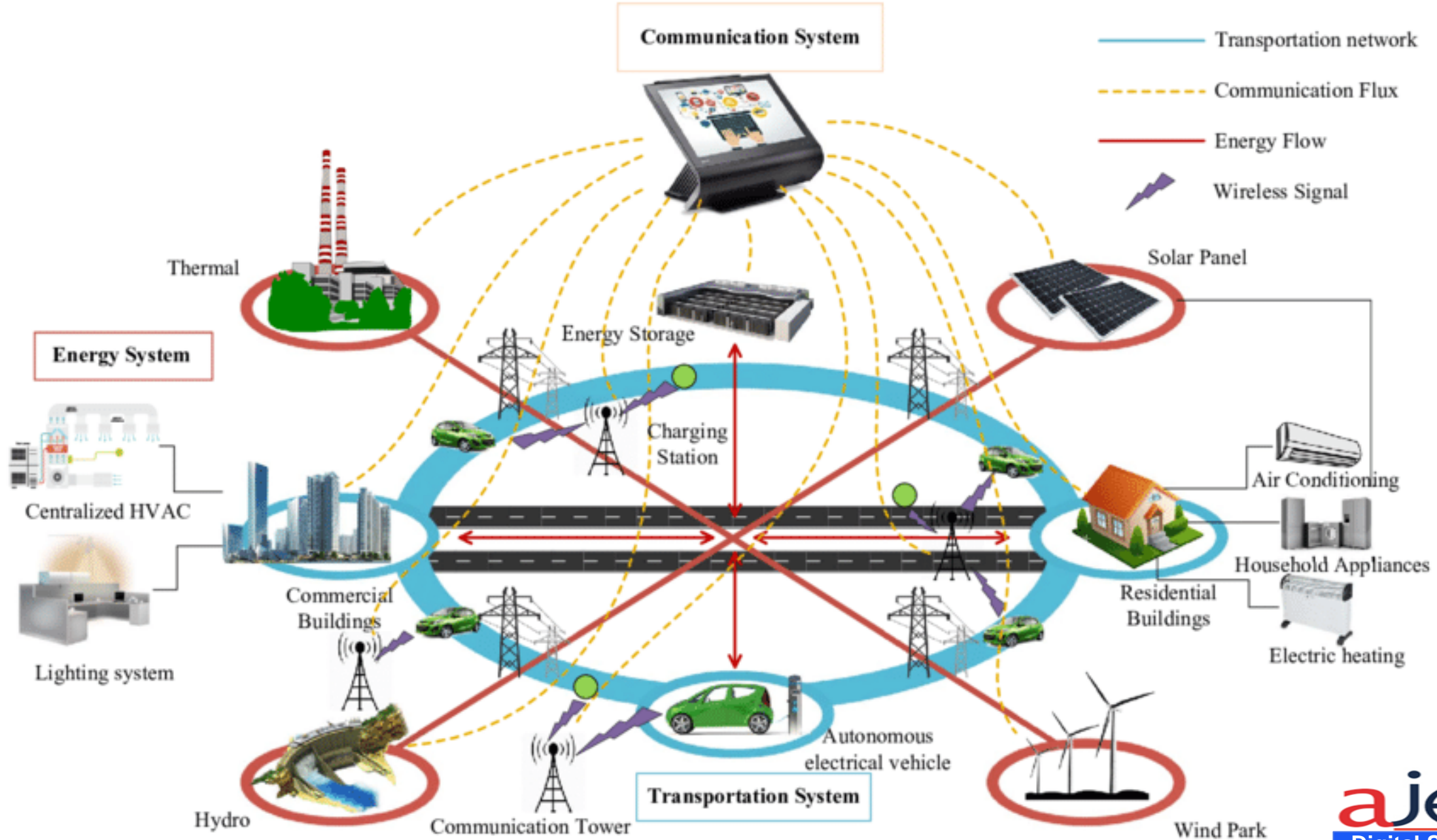
Waste Management ERP

Asset Monitoring & Tracking

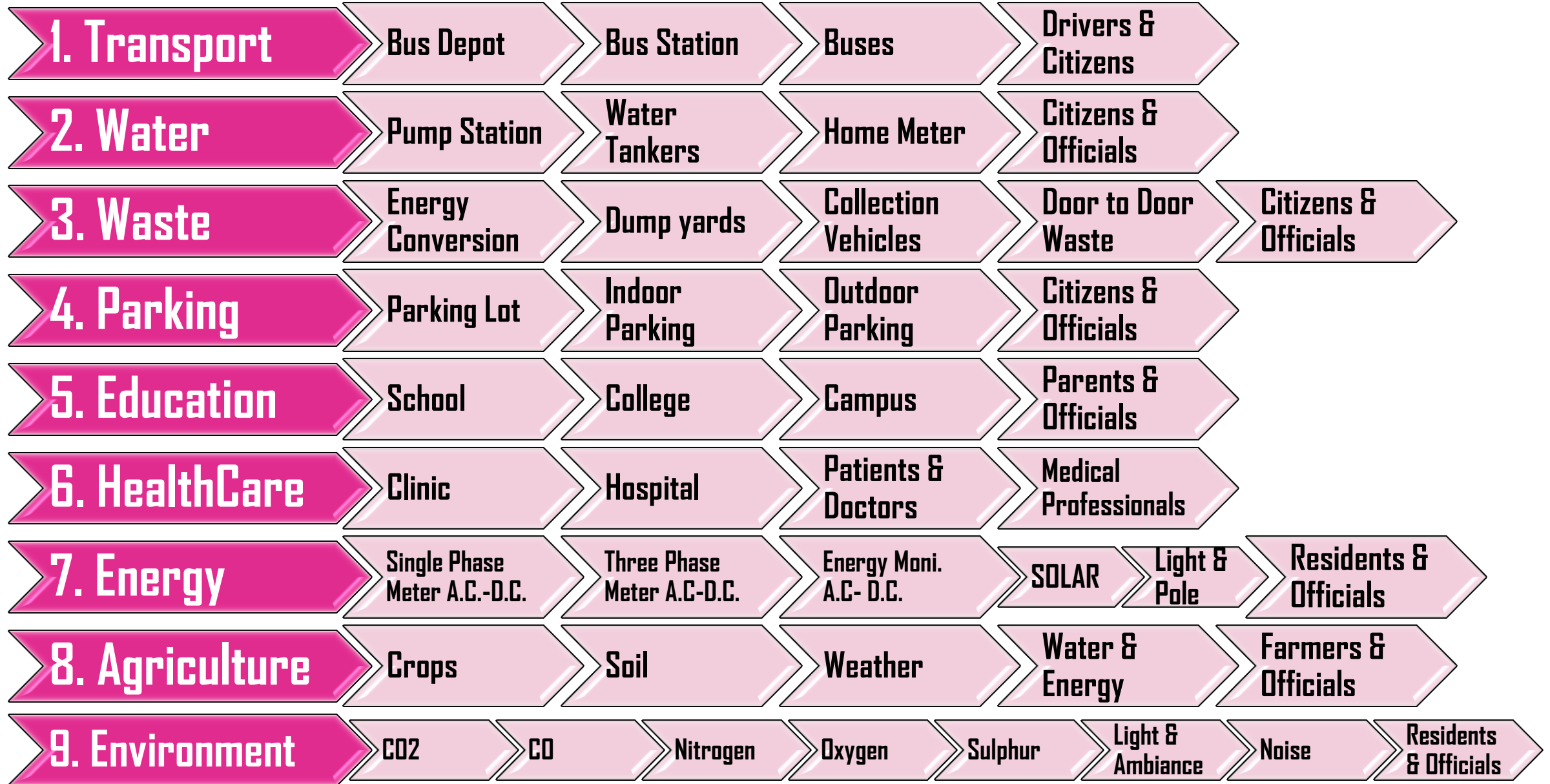
ICT Infrastructure & Cloud Services

GIS and allied Services

Solution & Services – Connected infrastructure



AJEEVI & Services – Connected infrastructure



AJEEVI - Solution & Services – Education

<u>Software & Mobile Apps</u>	<u>AIR</u>	<u>Water</u>	<u>Energy</u>	<u>Waste</u>	<u>Safety & Security</u>	<u>Transport</u>	<u>Parking</u>	<u>Emergency Response</u>
School/College ERP School/College CRM	Indoor Air Quality Monitor for classrooms	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device Panic Button Fleet Tracking	Windshield tags	Panic Button
Student Tracking System Attendance System	Ambient Air Quality Monitor for playground	Water Level Check	Single Phase A.C	Handheld Readers	Face Recognition	Digital Billboard Wi-Fi Bus Shelter Automation	UHF Reader	GPS Device
Parent-Teacher Interactive System	Air Purification for classrooms	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Ticketing Machine PIS	Hybrid Car Chargers	
Online Testing System	Air Purification for Outdoors	Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer		Windshield Tag	Automatic Parking Mgmt.	
Bulk Email Bulk SMS		Rain Water Harvesting	Solar Water Heating System	Classroom Waste Detection System		Camera		

AJEEVI - Solution & Services – HealthCare

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Hospital Information Management System	Indoor Air Quality Monitor for hospitals	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Patient Tracking System / Wearables	Ambient Air Quality Monitor	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Patient-Doctor Interactive System	Air Purification for wards	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Parking payment system	Fire Fighting System
Interactive Response System	Air Purification for Outdoors	Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer	Motion detector Alarm	Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
	Microbial Air Systems	Rain Water Harvesting	Solar Water Heating System	Bio-Hazardous Waste Management System		Camera		

AJEEVI - Solution & Services – Housing

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Visitor Monitoring System Society ERP	Indoor Air Quality Monitor for homes	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Asset Tracking System	Ambient Air Quality Monitor	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Neighborhood Interactive System	Air Purification for homes	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
Interactive Response System	Air Purification for Outdoors	Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer		Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
Smart Home Automation		Rain Water Harvesting	Solar Water Heating System			Camera		
Bulk Email Bulk SMS								

Solution & Services – Oil & Exploration

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Flow Control and Pump management system	Air Quality Monitor	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
GPS based vehicle movement system	Stack Emission Monitoring	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
ERP	Volatile Organic Compound Test	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
CRM	Ambient Air Purification	Effluent Treatment Plant		LDAR	Meteorological Stations	Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
Bulk Email & SMS		Rain Water Harvesting				Camera		Leakage Alarm System
Intranet & Internet Portal								

Solution & Services – Mining

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Flow Control and Pump management system	Air Quality Monitor	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
GPS based vehicle movement system	Radioactive monitoring	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
ERP CRM	Volatile Organic Compound Test	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
Intranet & Internet Portal		Effluent Treatment Plant		LDAR	Meteorological Stations	Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
Bulk Email Bulk SMS		Rain Water Harvesting			Methane Gas Detection System	Camera		

AJEEVI - Solution & Services – Banking & Finance

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Attendance System	Indoor Air Quality Monitor for office	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Loan Management System	Air Purification for offices	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Intranet & Internet Portal		Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
Bulk Email & Bulk SMS		Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer		Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
Customer Account Opening		Rain Water Harvesting	Solar Water Heating System	Waste Detection System		Camera		

AJEEVI - Solution & Services – Defense & Space

Software & Mobile apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Custom mobile app	Air Quality Monitor	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Intranet & Internet Portal		Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Bulk Email & SMS			Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi		
						Windshield Tag		
						Camera		

AJEEVI - Solution & Services – Automotive[Mfg. Plants & Vehicle Showroom]

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Attendance System	Indoor Air Quality Monitor for office	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Employee Tracking System	Air Purification for offices	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Dealer Management System		Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
Service Management System		Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer		Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
Bulk Email & SMS		Rain Water Harvesting	Solar Water Heating System	Waste Detection System		Camera		

Solution & Services – Mechanical / Industrial Engineering

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Flow Control and Pump management system	Air Quality Monitor	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
GPS based vehicle movement system	Stack Emission Monitoring	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Smart Inventory Mgmt. System	Volatile Organic Compound Test	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
	Ambient Air Purification	Effluent Treatment Plant		LDAR	Meteorological Stations	Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
		Rain Water Harvesting				Camera		Leakage Alarm System

Solution & Services – Mfg.[Plastic-Elec.-Steel-Med. Dev.-Garment]

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Flow Control and Pump management system	Air Quality Monitor	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
GPS based vehicle movement system	Stack Emission Monitoring	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Smart Inventory Mgmt. System	Volatile Organic Compound Test	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
	Ambient Air Purification	Effluent Treatment Plant		LDAR	Meteorolglcal Stations	Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
		Rain Water Harvesting				Camera		Leakage Alarm System

Solution & Services – Hospitality[Hotel]

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Hotel Information Management System	Indoor Air Quality Monitor for hotels	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Smart Housekeeping Solutions	Ambient Air Quality Monitor	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Luggage Handling System for Guests	Air Purification for rooms	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Parking payment system	Fire Fighting System
Interactive Response System	Air Purification for Outdoors	Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer	Motion detector Alarm	Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
	Microbial Air Systems	Rain Water Harvesting	Solar Water Heating System	Bio-Hazardous Waste Management System		Camera		

AJEEVI - Solution & Services – Retail[Dep. Store]

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Attendance System	Indoor Air Quality Monitor for Stores	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Customer Tracking System	Air Purification for Stores	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Inventory Management System		Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
E-Commerce Portal		Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer		Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
Bulk Email Bulk SMS		Rain Water Harvesting	Solar Water Heating System	Waste Detection System		Camera		

AJEEVI - Solution & Services – Mechanical-Industrial Eng.

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Attendance System	Indoor Air Quality Monitor for office	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
CRM ERP	Air Purification for offices	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Intranet & Internet Portal		Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
Bulk Email & Bulk SMS		Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer		Windshield Tag	Automatic Parking Mgmt.	Verti-Scape for High Rise Emergency Evacuation
		Rain Water Harvesting	Solar Water Heating System	Waste Detection System		Camera		

Solution & Services – Agriculture

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Crop Monitoring	Air Quality Monitor	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
ERP CRM	Agri Drones	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Bulk Email Bulk SMS	Volatile Organic Compound Test	Soil Moisture Level Testing	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi		
Internet & Intranet Portal		Soil pH	Smart Greenhouses		Livestock Monitoring	Windshield Tag		
						Camera		

Solution & Services – Environment

Software & Mobile Apps	AIR	Water	Energy	Waste	Safety & Security	Transport	Parking	Emergency Response
Attendance System	Indoor Air Quality Monitor for office	Water Quality Logger	Smart Plugs	RFID Tags	Bio Metrics	GPS Device	Windshield tags	Panic Button
Online Service for Waste Water Testing	Air Purification	Water Level Check	Single Phase A.C.	Handheld Readers	Face Recognition	Panic Button	UHF Reader	GPS Device
Calibration Reports	Air Pollution Testing Lab	Water Purification	Three Phase A.C.	Bin Level Sensors	Camera	Wi-Fi	Hybrid Car Chargers	Fire Fighting System
ERP CRM	Air Sampler Manufacturing	Effluent Treatment Plant	Solar Power Plant	Waste to Fertilizer		Windshield Tag		Verti-Scape for High Rise Emergency Evacuation
	Ambient Air Quality Monitoring	Rain Water Harvesting	Solar Water Heating System	Waste Detection System		Camera		

AJEEVI - Transport ERP + Mobile App + IOT Devices

Smart Transport

GPS Device, Camera, ETM

Bus Depot Management System

Duty Roaster, Vehicle Roaster

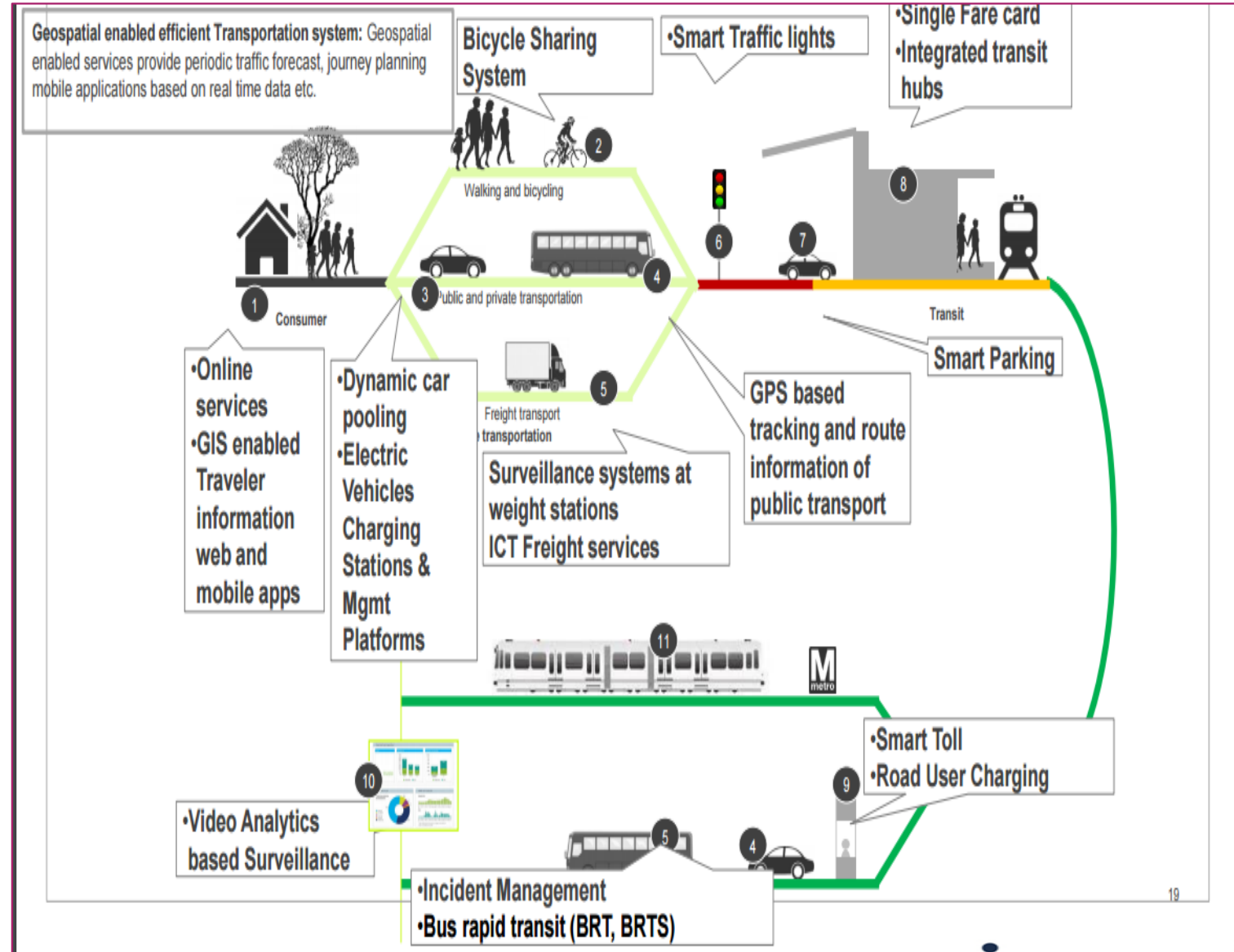
Preventive & Corrective maintenance

Ticketing Management

Fleet monitoring & Tracking

PIS, ETM, ETA, Emergency Button

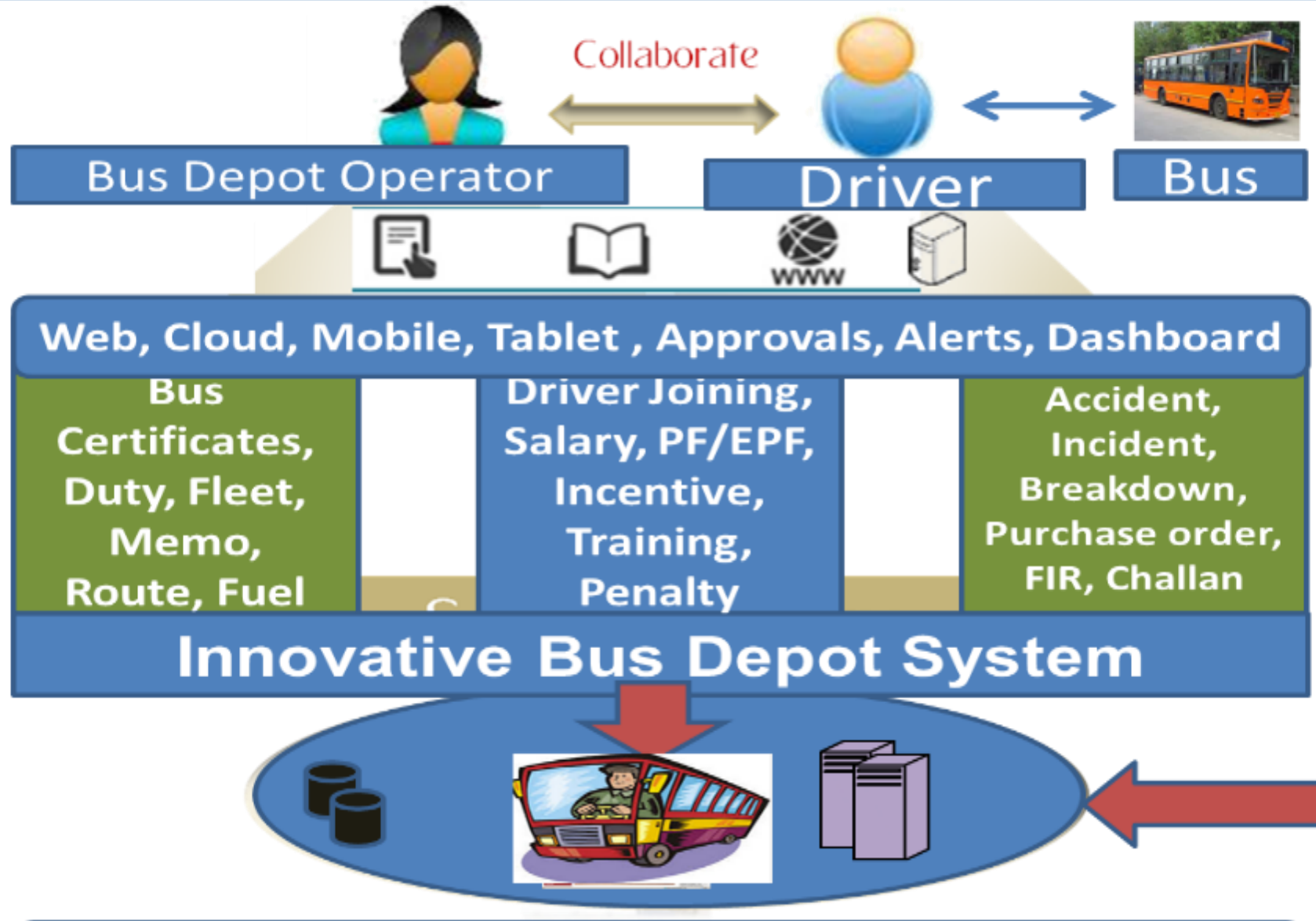
Digital Billboard, Mobile App



AJEEVI - Transport ERP + Mobile App + IOT Devices

24 X 7, 7 days Support

Bio Metrics Punch Card, GPRS, CCTV



Training Videos, Documents in Word, PDF, Excel

Spare Parts, Route Wise Bus Details, Monthly / Daily Comparison, Trip Disqualify

Email, Schedule / Actual/Miss Km, Miss Trip, Duty Roaster, Route Earning, Spare Duty, Bu History, KMKG ,Operation Performance, Daily Bus Lost KM, Comparison Statement, Revenue Loss

AJEEVI - Water + Mobile App + IOT Devices

Smart Water

Water Scada

Water Pump Management

Water Tube well Management

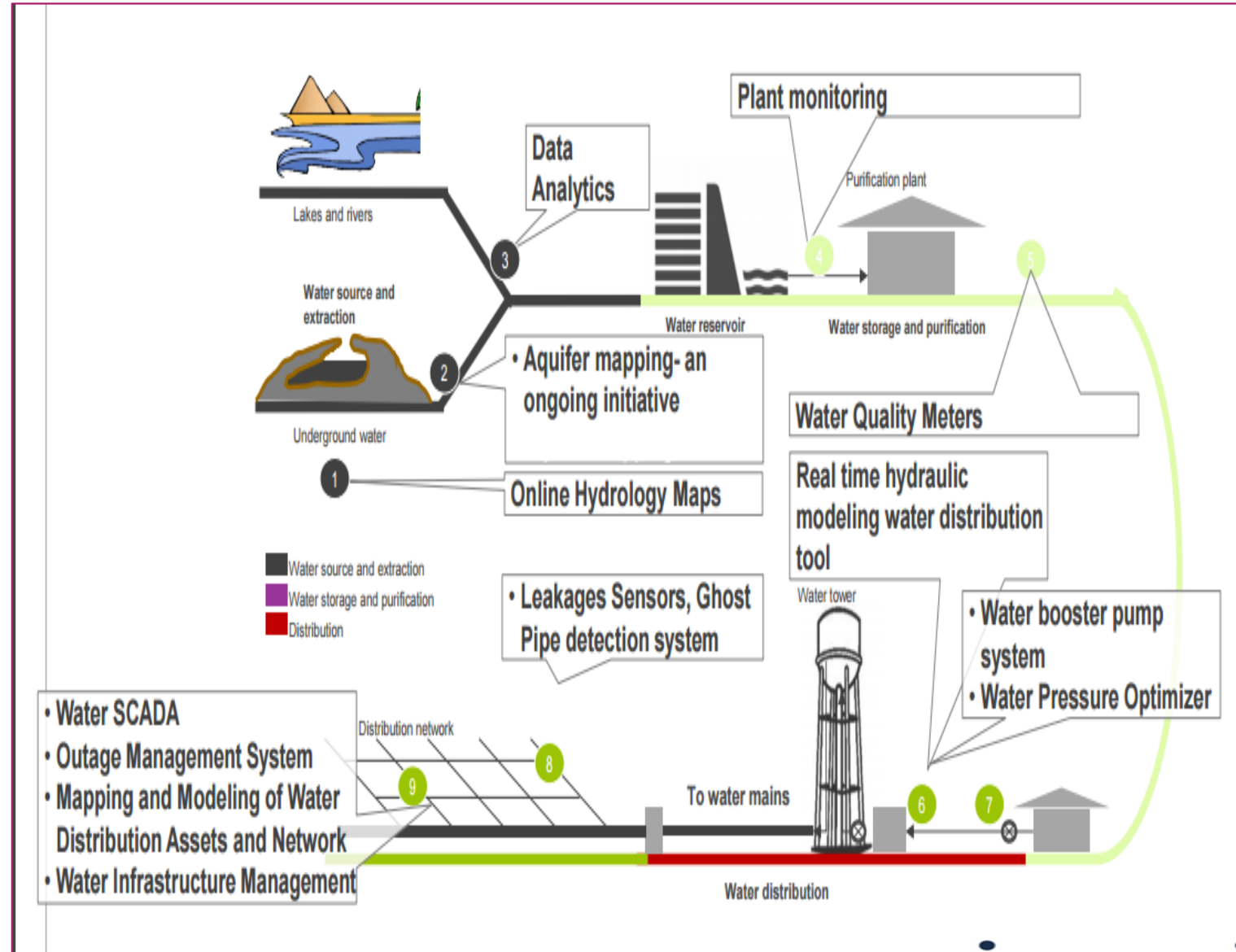
PH, Chlorine, TDS

Flow meter, BOD, COD

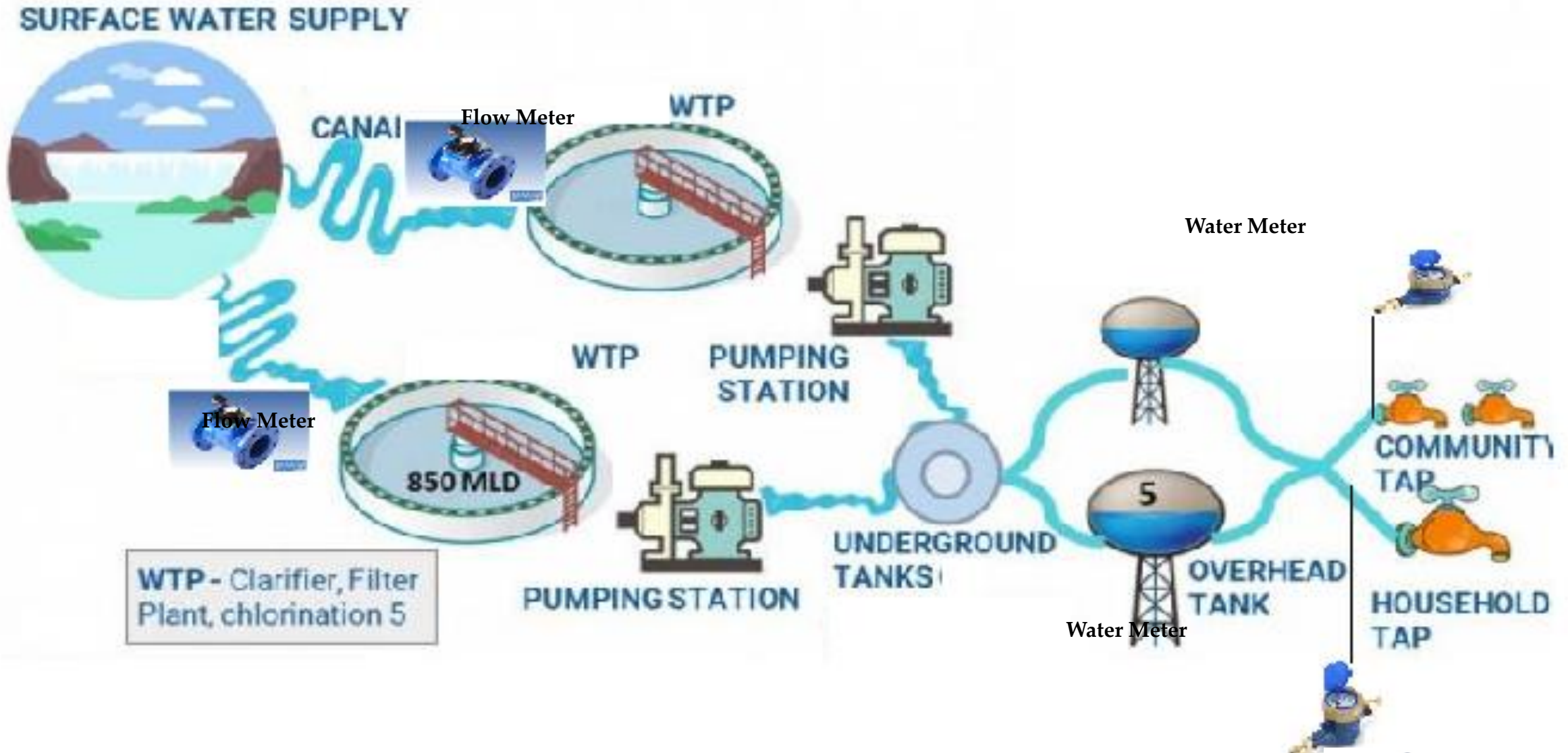
Water Tanker Management

Water Meter

Cloud based Billing



AJEEVI - Water + Mobile App + IOT Devices



AJEEVI - Waste + Mobile App + IOT Devices

Smart Waste

GIS Mapping

RFID TAG/QR Code/BAR Code

Weigh Bridge

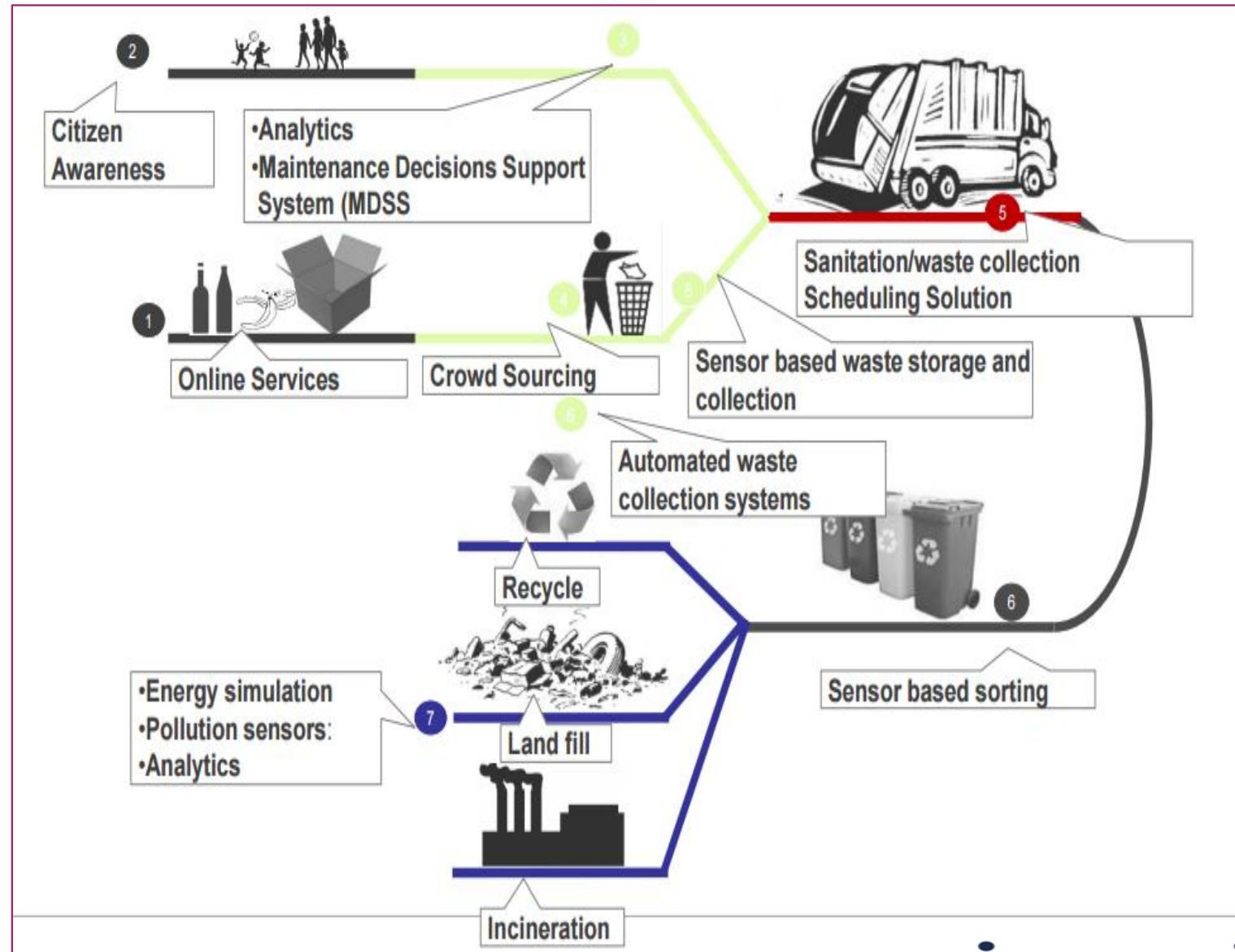
GPS, Route Optimization

Bin Level Sensor

Citizen Grievance

Incident Management

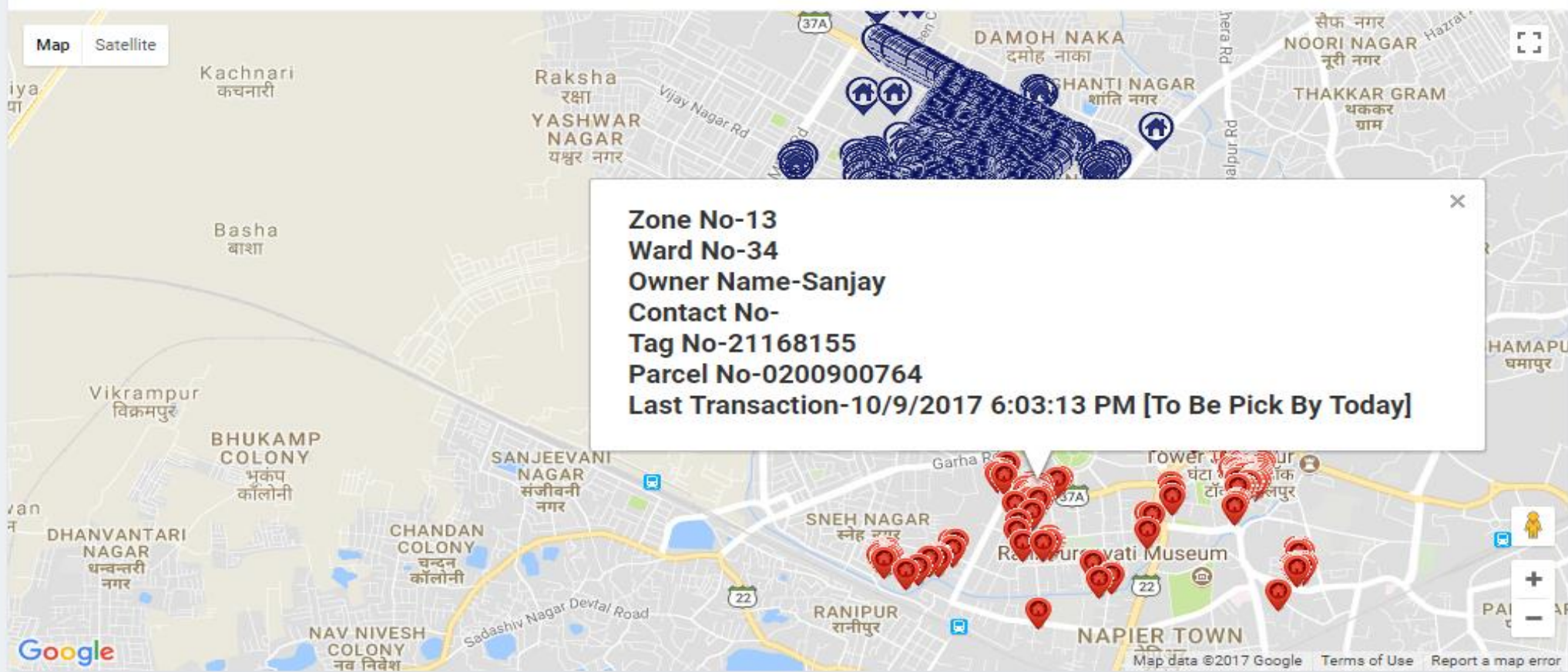
Cloud based Billing



AJEEVI - Waste + Mobile App + IOT Devices



AJEEVI - Waste + Mobile App + IOT Devices



Jabalpur[2176 Houses, 250 Bins], GIS, ICCC

Delhi[UHF Reader, Tags] Mobile & Web App

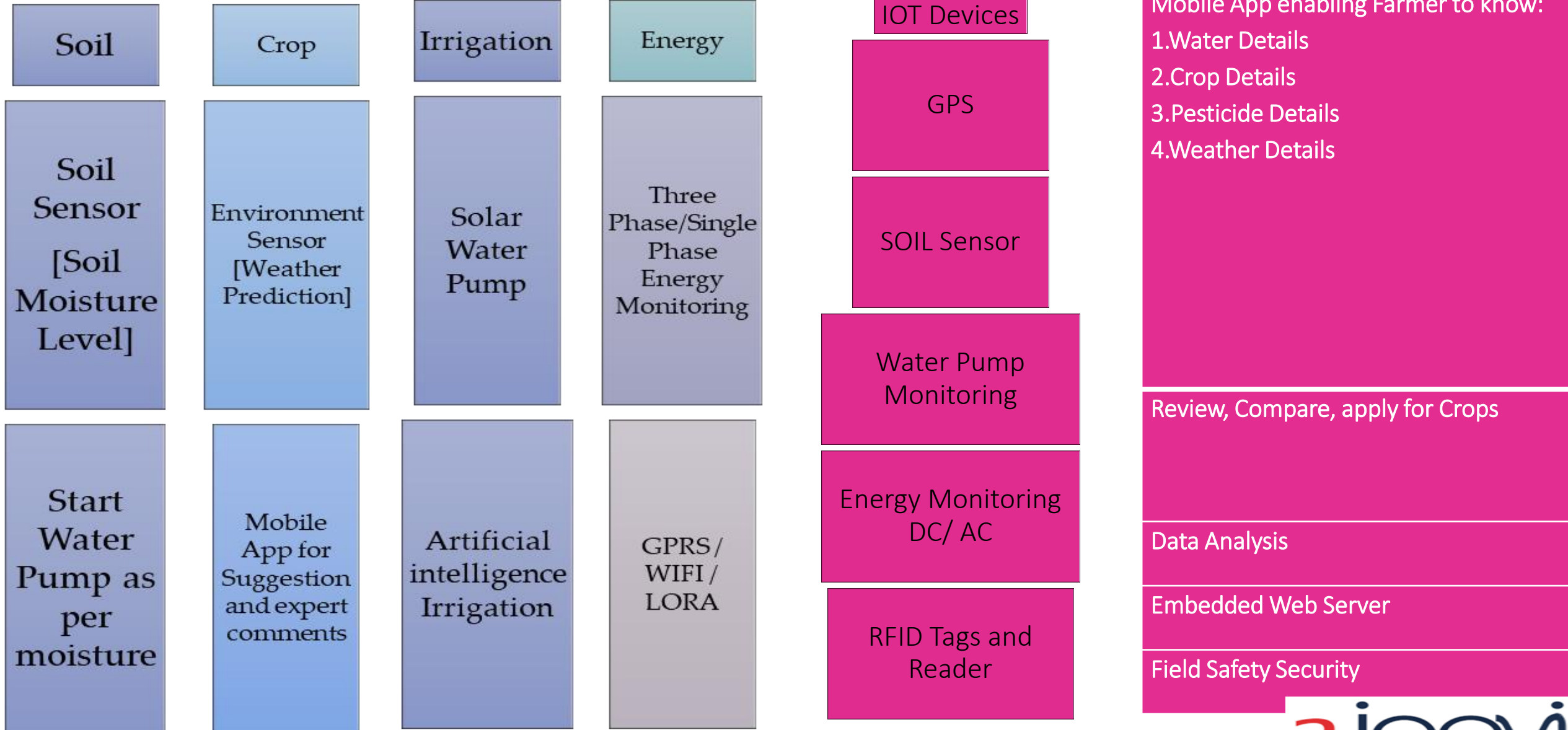
Maharashtra[UHF Reader, Tags] Mobile & Web App

53
Bins

50064
Houses

5185
Garbage Points

AJEEVI - Agriculture + Mobile App + IOT Devices



AJEEVI - Environment + Mobile App + IOT Devices

Smart Environment

GIS Mapping

Co, CO2, No, NO2, Ozone

Ambient Temperature

Wind Speed

Rain Level

Flood Level

VOCs, PM 2.5

Variable Messaging



AJEEVI - Parking + Mobile App + IOT Devices

Smart Parking

Parking Guidance System

Boom barrier

Smart Card, UHF Reader

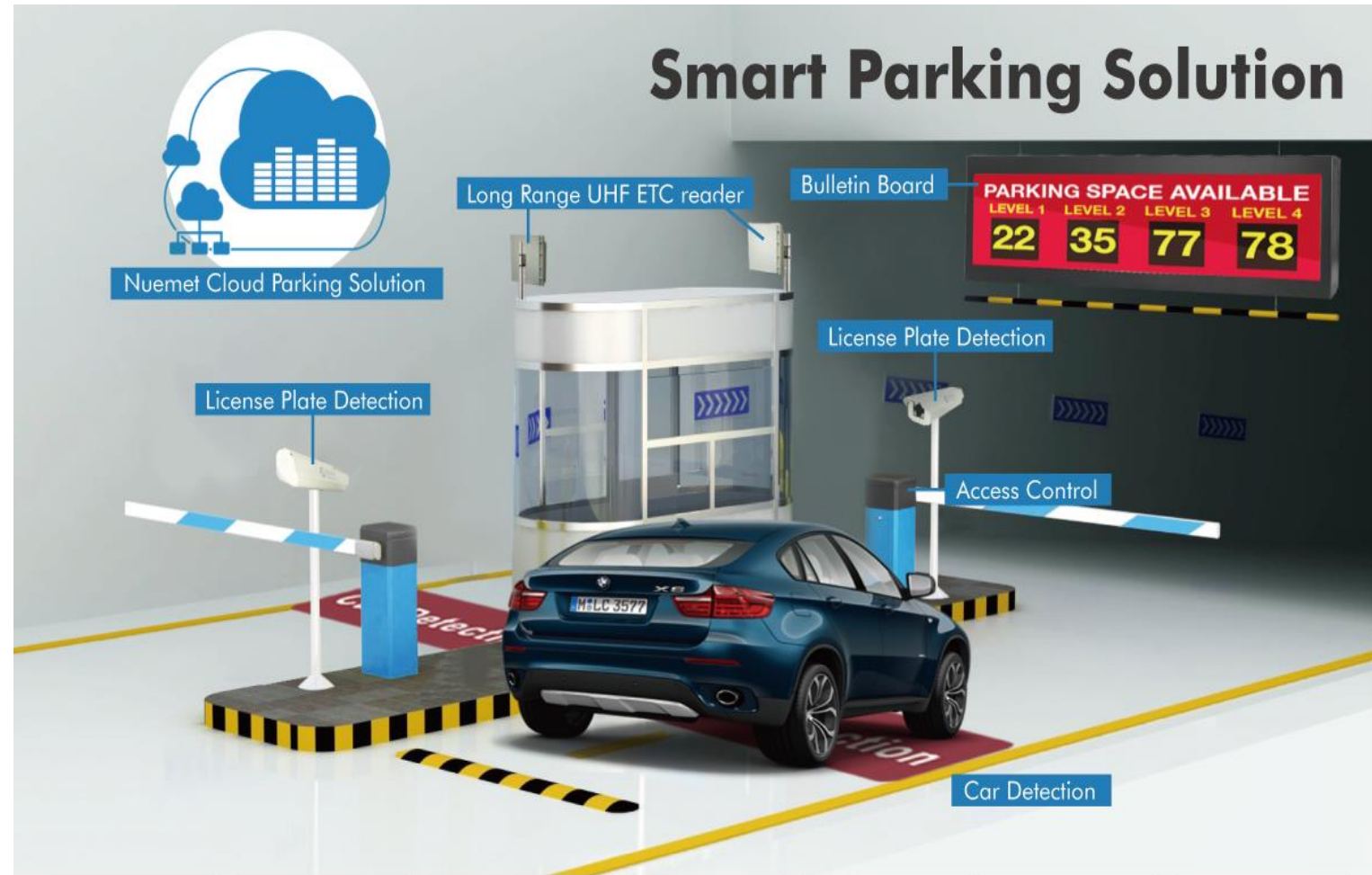
GPS Device

Parking Ticket Management

License Plate Detection

Billboard

Cloud based Billing



HMI



IoT Gateway



Modbus Data Collector



NAS



IP Camera



AJEEVI - E-Governance + Mobile App + IOT Devices

Smart e-Governance

Attendance Management

Field Staff Management

One City One App

Vehicle monitoring
& Tracking

Asset Monitoring

SLA Monitoring

IBMS

Cloud based Utility Billing



City/State
Dashboard

Property Tax

Water Charges

Advertisement Tax

Trade Licenses

Land & Estate

Employee Management

File Management

Legal Case Management

Council Management

Revenue

Expenditure

Administration

Citizen Svcs

Municipal Accounting

Works Management

Payroll & Pension

Inventory

Assets

Grievance Redressal

Building Plan Approval

Birth & Death

Marriage Registration

Citizen Portal



Mobile Apps



Open Source



GeoSpatial

ajeevi

Digital Solution Provider

AJEEVI - Implementation Methodology

Requirement & Gap Analysis

Designing & Documentation

**Customization as per Client
requirement**

Data Migration & Verification

User Acceptance

Training & User Manuals

Rollout

Support & Maintenance



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