

Company Profile



Mastering IoT, Telematics, Smart Mobility and Smart City Solutions



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Innovation built on intelligence for a sustainable future

Leaders' Greetings



Shah Md Bahadur Alam

Co-Founder & CEO
Bongo IoT
TYBMS Bongo IoT Bangladesh
TYBMS Bongo IoT KSA

16+ Years Experience in Telematics and IoT-based smart city solutions

Empowering a Smarter, Safer World...

"At Bongo IoT, we transform challenges into breakthroughs with AI, Machine Learning, and Intelligent IoT solutions—driven by relentless research and innovation.

Our cutting-edge Telematics and Smart City Solutions enhance efficiency, security, and sustainability for businesses, cities, and communities worldwide. Backed by world-class technology partners, we deliver market-leading solutions that drive global progress.

Today, we optimize resources and streamline operations—tomorrow, we lead the future of connected technologies, building smarter cities and a resilient world.

Together, with our trusted partners, we are shaping the future."



Tae Su Kim

Co-Founder & CTO
TYBMS Bongo IoT Bangladesh
TYBMS Bongo IoT KSA

30+ Years Experience in Smart City solutions and Energy Management Systems

With trust and passion, we pursue innovation and development.

"At TYBMS Bongo IoT Bangladesh, we are committed to revolutionizing Smart Infrastructure with cutting-edge Building Automation Systems (BAS), Energy Management Solutions, Net Zero Energy Buildings, and Environmental Monitoring Technologies. Our mission is to drive sustainable urban development while ensuring customer success at every step.

By combining global expertise with localized innovation, we deliver future-ready solutions tailored to Bangladesh's evolving smart city landscape. With a strong focus on carbon neutrality, intelligent automation, and IoT-driven efficiency, we are shaping a smarter, greener, and more resilient future.

At TYBMS Bongo IoT Bangladesh, we don't just follow industry trends—we lead them. Together, we are building the next generation of smart urban ecosystems."



Innovations for AI, IoT and Telematics Solutions



Eco Driving & Sustainable Energy Management



Smart City Solutions for Better Tomorrow



Technology for All Kinds of Users



Creating a More Connected World



Our Mission & Vision



Mission

To empower industries and governments with advanced IoT solutions, specializing in telematics, smart mobility, energy management, and smart city solutions. We leverage AI and innovative technologies to create smarter, connected ecosystems that address real-world challenges.



Vision

To shape a smarter, more sustainable future by leading the evolution of global IoT innovation. We envision a world where intelligent, sustainable solutions enhance connectivity, drive economic progress, and empower resilient cities and industries, creating lasting impact for generations to come.

Telematics Innovations from Our R&D Hub



**White Label
Telematics Software**



**Fleet
Management**



**Fuel
Management**



**Video Telematics
Platform**



**Cargo Safety
Solution**



**Public Bus
Monitoring**



Smart School Bus



**Smart Mobility
(Shuttle Solution)**



**Power Generator
Remote Monitoring**



**Cold Chain
Solution**

Telematics Innovations from Our R&D Hub



**Special Machinery
Telematics**



**Smart Taxi
Solution**



Forklift Safety Solutions



**Electric Vehicle
Telematics**



**Container & Ship
Tracking**



**Mine Vehicles
Telematics**



**IoT-based Smart
Waste**



**Fuel Distribution &
Dispatch Monitoring**



**Weight Monitoring
Solution**



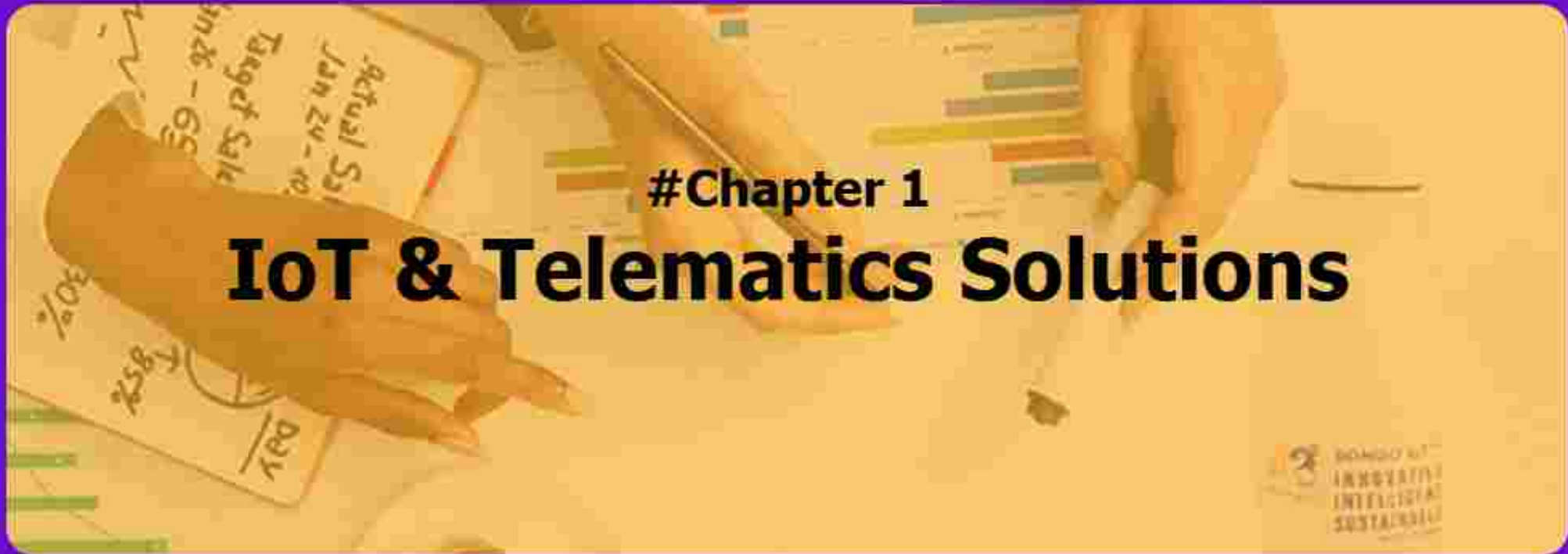
**Agriculture
Machineries**



And More ++

#Chapter 1

IoT & Telematics Solutions





100% White Label GPS Tracking & Telematics Platform

Bongo IoT is the fast-growing telematics community with a strong traction record.



90+

Countries



700+

Partners



50,000+

Happy Users



2000+

Supported trackers



110+

Developers Who
Have 20+ Years of
Experience



2.7

million
objects

Hardware Independent Platform



& Many More...



Intelligent Fuel Management

A Full-Stack Innovation for Fuel Economy combined with intelligent software and best sensors. The most flexible fuel monitoring system that can be customized to fit any brand or type of fuel sensors.

Save 20-35%!
96-99% Accuracy



Intelligent Video Telematics: Redefining Fleet Safety



AI-Driven
Ecosystem

Bongo IoT
IVT Platform



Use Case-
Based R&D



AI Vision &
SafeGPT



AI Dashcam
& Other
Devices



Main Functions of Bongo IoT IVT Platform

1

Remote Monitoring

2

Two-Way Audio Communication

3

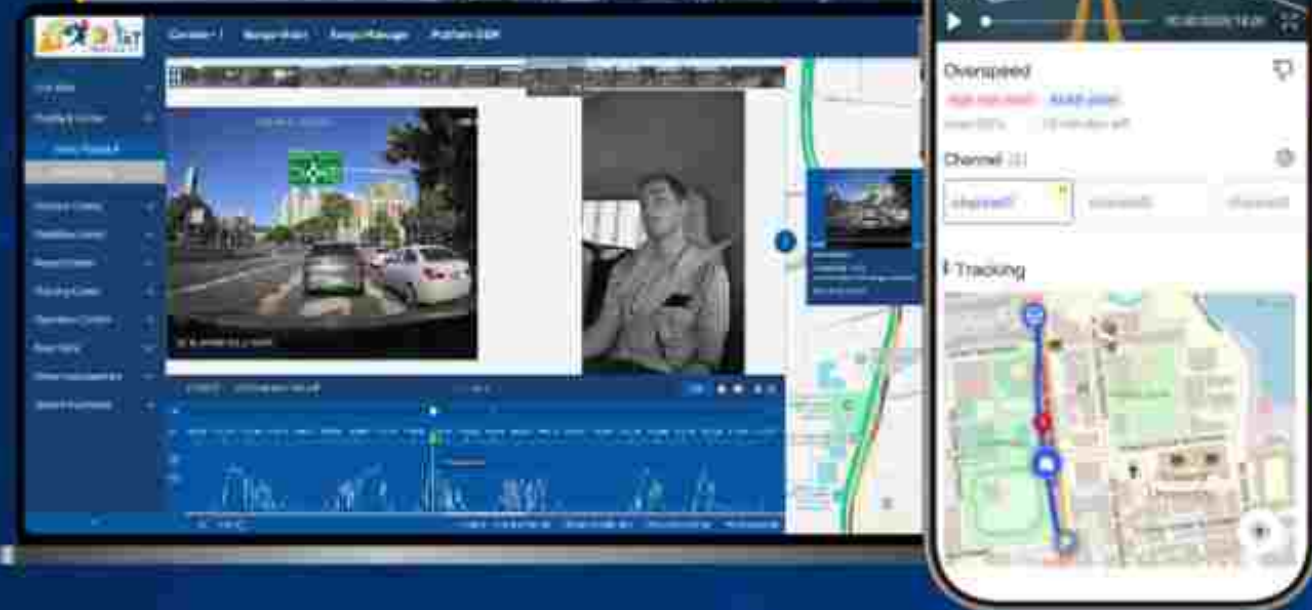
Intelligent Video Library

4

Driver Coaching

5

Accident Notification with Video



Smart School Bus

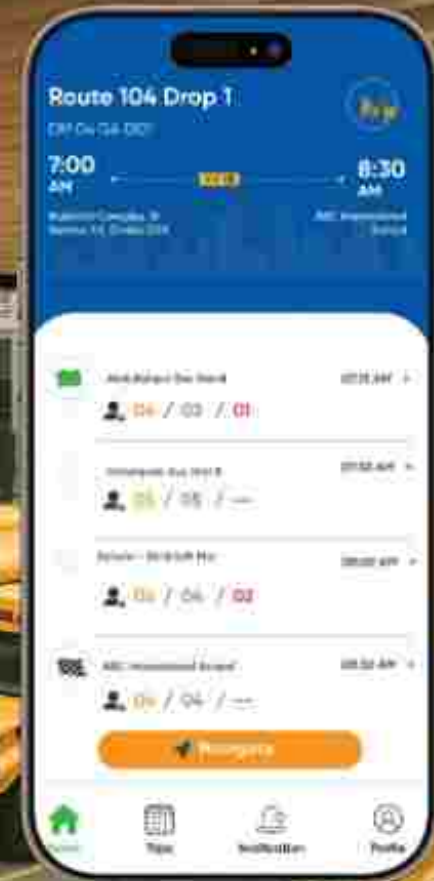
Complete Set of Tools for Every Stakeholder



Intelligent Dashboard and Mobile App for School Admin



Parents App



Driver App

Comprehensive Solution for School Transportation

School Admin

End-to-end student transport management — from route planning to real-time monitoring. Ensures safety compliance, data-driven oversight, and accountability across every trip.



Parents Visibility

360° transparency of student commute — live tracking from home to school and back home safely. Instant alerts for boarding, drop-off, delays, or emergencies.

Operational Efficiency

Automated dispatching, attendance verification, route optimization, and fuel analytics. Maximize utilization, minimize cost — one connected ecosystem.



Driver Monitoring

AI-based insights on driving behaviour, fatigue detection, and route discipline. Empowers schools to train, evaluate, and maintain safe driving standards.



Shuttle Bus Solution for University & College

- ❑ Shuttle App
- ❑ Transport Authority App
- ❑ Driver App

- ✓ All university buses are in single platform
- ✓ Route optimization & geofencing
- ✓ Student/user tracking in real time
- ✓ Seat booking & add pickup-drop off stops
- ✓ Feedback & rating
- ✓ Real-time video monitoring & safety features
- ✓ Intelligent fleet management with fuel monitoring, expense management, and more



All-in-One Solution for University Fleet

Intelligent Fleet Management

(Comprehensive control of routes, trips, and drivers with advanced telematics.)



Operational Efficiency Dashboard

(Centralized control with intelligent alerts, analytics, and maintenance tracking)



Fleet Intelligence

(360° operational insight through fuel monitoring, video analytics, and intelligent reporting.)



Shuttle Solution

(Real-time bus tracking, ETA alerts, and more for university staff and students.)



AI-Powered Video Telematics

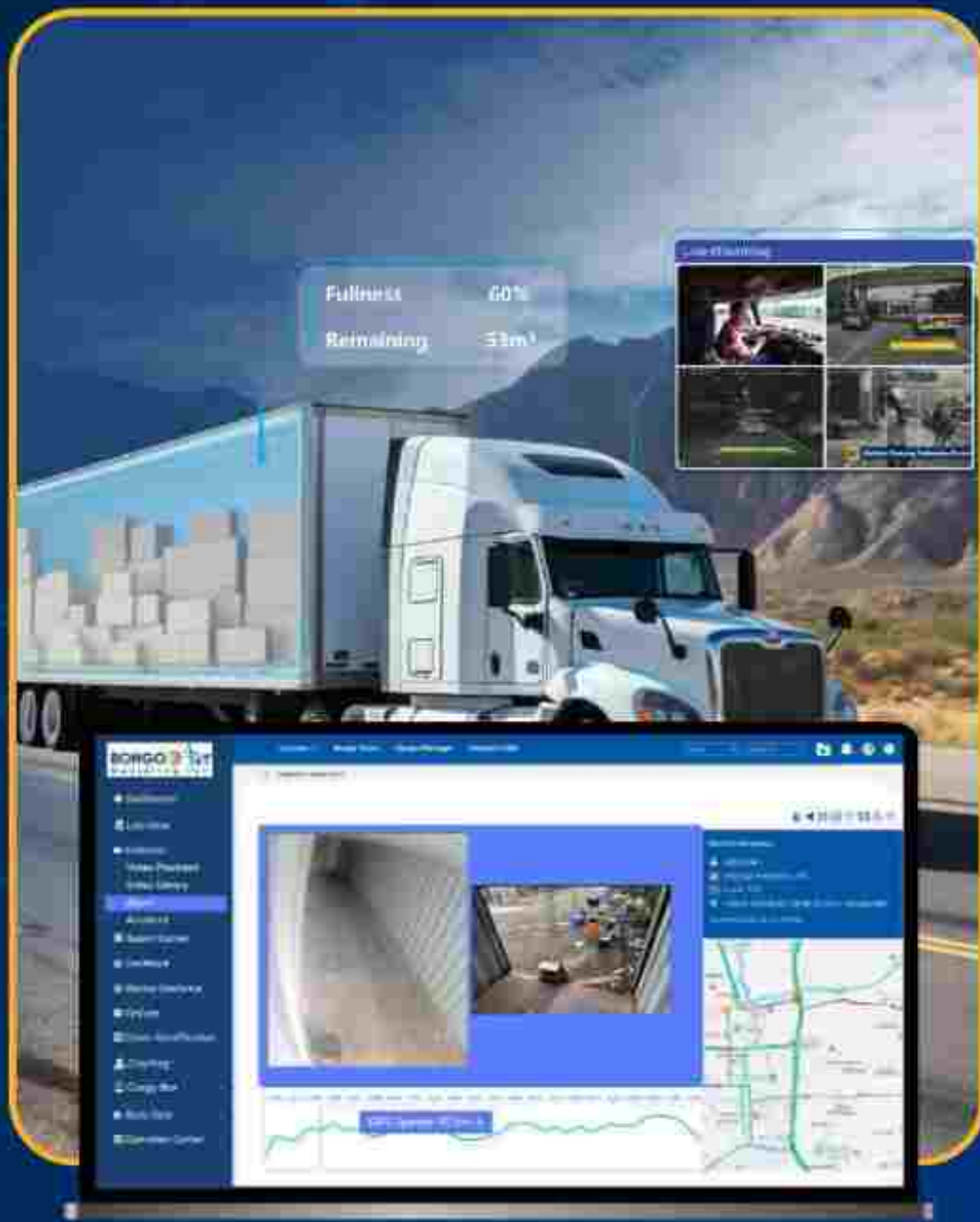
(Live visibility, route transparency, and safe commute assurance.)

AI Vision + E-Lock Flex for Fuel Tankers

- ❑ **ELock Flex:** Intelligent electronic locks for fuel safety
- ❑ **AI Vision Cameras:** Real-time driver and road monitoring
- ❑ **App-Based Unlock:** Secure mobile approval for lock access
- ❑ **Live Dashboard:** Fuel data, trip insights, and alerts
- ❑ **Rugged Hardware:** IP-rated for tough environments



Intelligent Cargo Solution with Complete Safety



- Accurate real time trailer capacity sensing
- E-lock with remote lock-unlock capacity
- Intelligent video monitoring inside cargo
- 360-degree safety measures
- Remote playback and access
- Cover entire cargo operations (Before the trip, during the trip, after the trip)



Stolen Vehicle Recovery Solution (SVR)

An intelligent, proactive security system that detects theft, hijacking, tampering, and jamming in real time—ensuring fast recovery and complete vehicle control

Multi Layers. One Mission. Total Security.



1. Hijack detection alert
2. Real-time theft detection
3. Tamper & strip detection
4. Panic alert
5. Jamming detection alert
6. Unauthorized driver detection alert
7. Rollover warning alert
8. Towing alert
9. Remote engine immobilization

Axle Load / Weight Monitoring System

Individual axle load measurement
for truck and trailer



Cargo load calculation



Axle overload alarm



Shows axle load and cargo weight
on driver's display



Transmits axle load and cargo weight
values to the GPS tracking system



To GPS Tracking System

Wireless link between
sensors and software



Calculates total truck/trailer weight,
cargo weight, detects overload,
communicates with GPS tracker



Measures axle loads, store calibration
tablet and vehicle properties, calculate
axle loads in ton



Special Machinery Telematics

For the first-time in Bangladesh, we are offering telematics solutions for specialized vehicles! Identifying workhour of non-movable vehicles with fuel consumption monitoring system for them is now easier than ever.

Current Vehicle Status:
In operating/not operating

Tilt no.:
65 times

Avg. Speed:
7 rpm

Total time of operation:
5 hours

Engine On:
8.00am

Engine Off:
12.30pm

Fuel Consumption:
8 ltr

Fuel Drain:
2 ltr

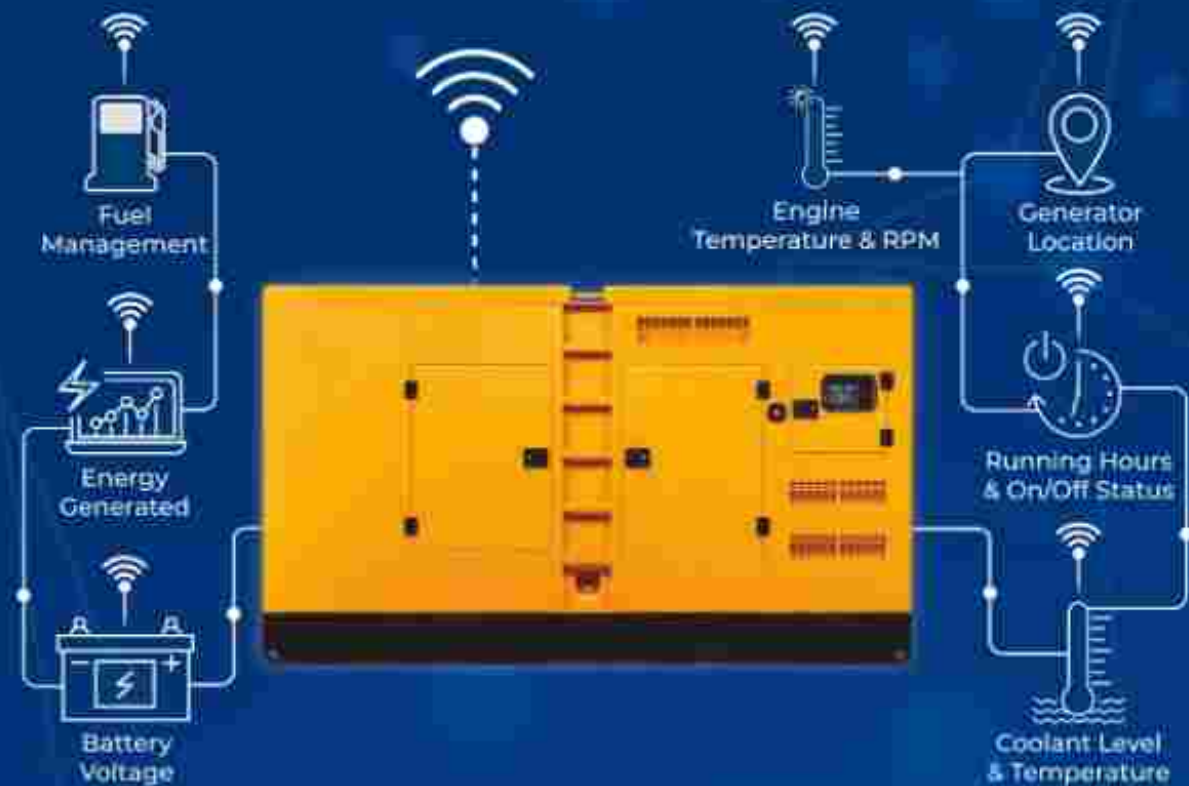
Fuel Level:
5 ltr

Maintenance Alert:
Right Angle



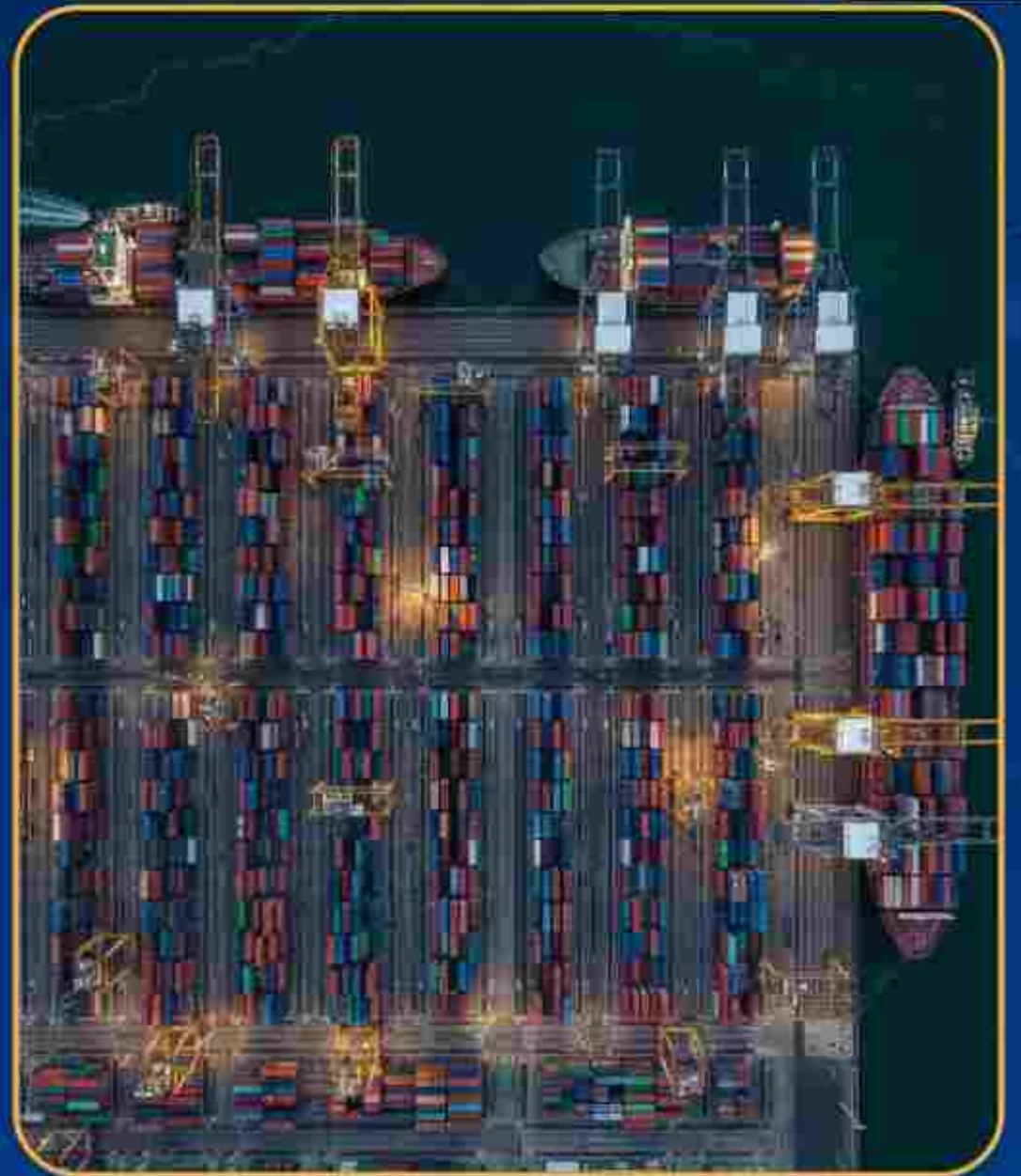
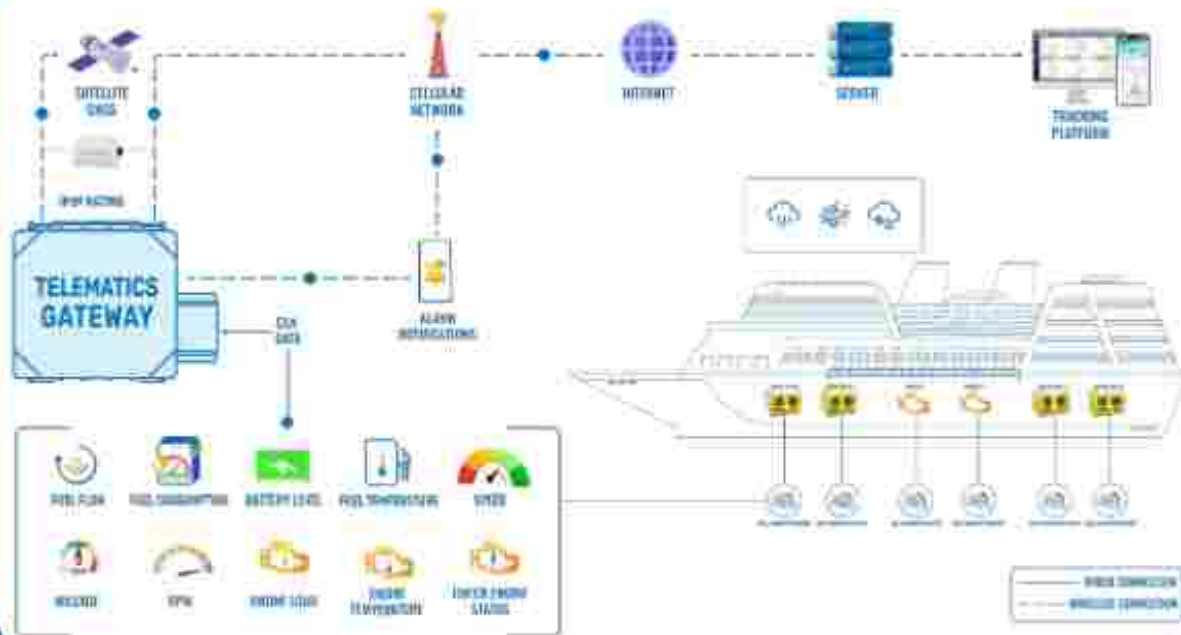
Gen-Set Remote Monitoring System

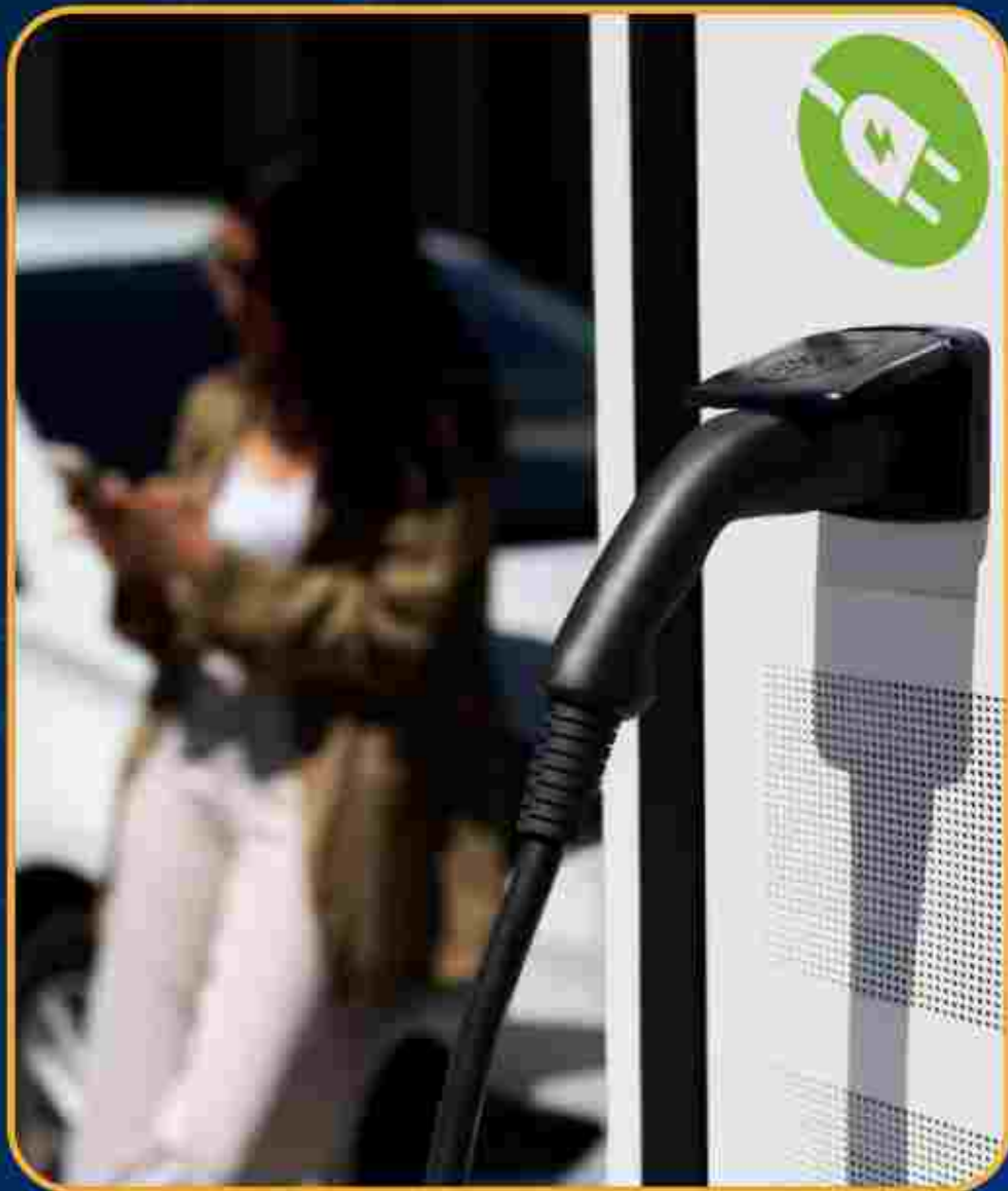
- **Precise Fuel Monitoring:**
Real-time fuel tracking for accuracy and cost savings.
- **Idling Alerts:**
Notifications to prevent fuel wastage from prolonged idling.
- **Theft Detection:**
Alerts for unusual fuel drops to combat theft.
- **Custom Reports:**
Monitor fuel across various machinery for better control.
- **Proactive Maintenance:**
Schedule maintenance based on fuel data to reduce downtime.
- **And many more ++**



Marine Telematics

Real-time satellite tracking, intelligent fuel monitoring, and video telematics in one powerful platform—ensuring vessel visibility, fuel efficiency, and enhanced maritime safety anytime, anywhere.





EV Telematics

Real-time vehicle tracking with intelligent battery management, state-of-charge and health monitoring, energy consumption analytics, charging insights, and safety alerts—enabling future-ready electric fleet.



IoT-Based Smart Waste

Employing IoT, AI, and Real-Time Control- because Smarter Cities Begin with Smarter Waste



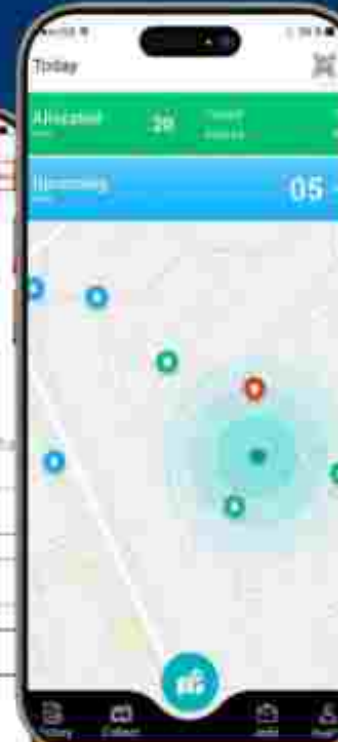
Role-Based Intelligence – One Platform + 3 Applications



Intelligent Dashboard



Surveyor App



Collector App



Citizen App





IoT Connectivity for Smart Waste

☐ LoRaWAN

Ideal for long-range, low-power data transmission from remote waste bins.

☐ NB-IoT

Reliable connectivity in dense urban environments with deep indoor coverage.

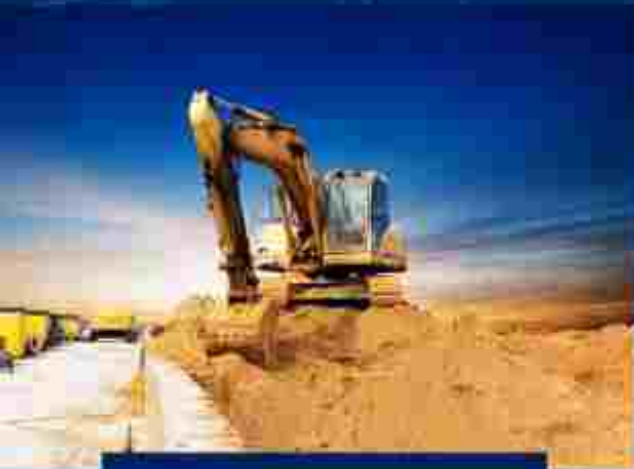
☐ Cat-M

Supports mobile assets like garbage trucks for real-time tracking and data sync.

☐ IoT Platform

Unified dashboard integrating all devices for centralized monitoring and control.

Industries We Serve with IoT & Telematics



Industries We Serve with IoT & Telematics



Marine Vessel



Taxi & Ride Sharing



**Law Enforcement
Authority**



Oil & Gas



Electric Vehicle



Waste Vehicles



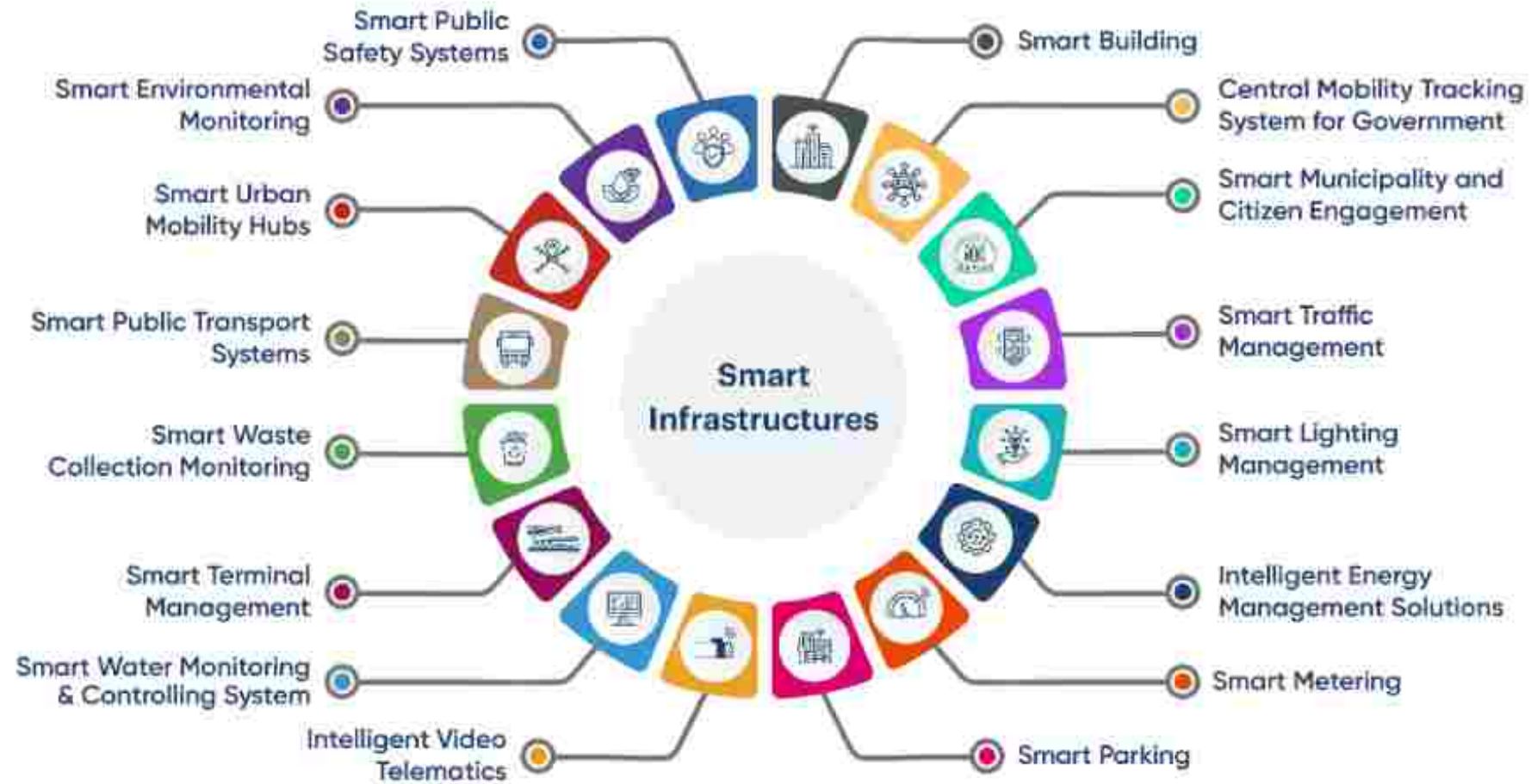
Fuel Distribution



**Power Generator
(Genset)**



#Chapter 2 Smart City Solutions



Building Automation System (BAS)



What You Achieve From BAS

01.

Energy Efficiency

Optimized energy usage

06.

Scalability and Integration

Future-proof technology

02.

Enhanced Comfort & Productivity

Consistent indoor environment

07.

Operational Visibility

Real-time data from anywhere

03.

Cost Savings

Reduced maintenance costs

08.

Regulatory Compliance

Monitoring for health and safety

04.

Improved Sustainability

Green certification support

09.

Customization and Flexibility

Tailored solutions with remote access

05.

Enhanced Security

Integrated security features

10.

Increased Property Value

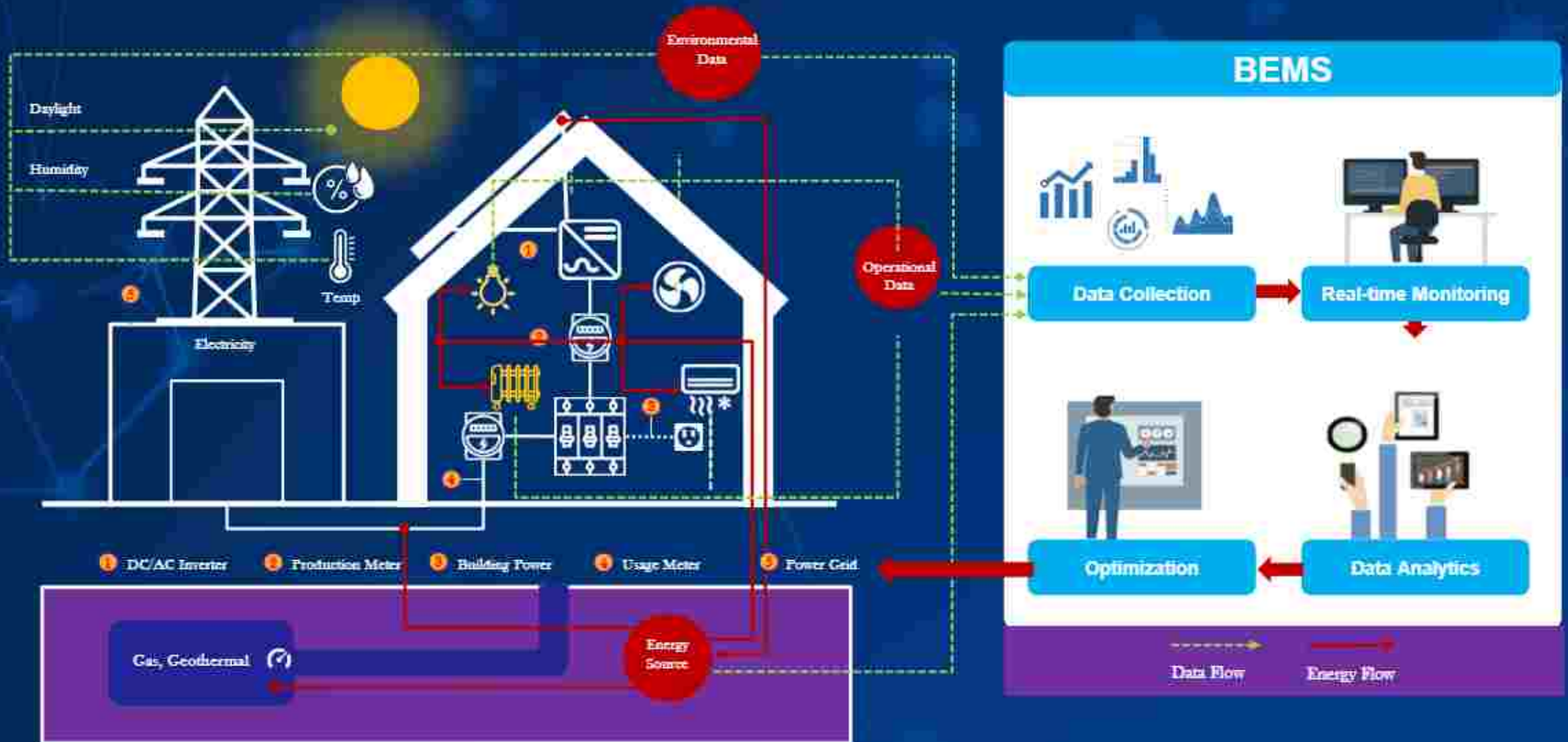
Attract Tenants or Buyers for real estate



Net Zero Energy Building



Intelligent Energy Management



Efficiency and Sustainability in Every Energy Use



Building Energy
Management



Factory Energy
Management



City Energy
Management



Micro Grid
Management



Cost Savings

Reduce energy expenses
significantly by optimizing usage



Sustainability

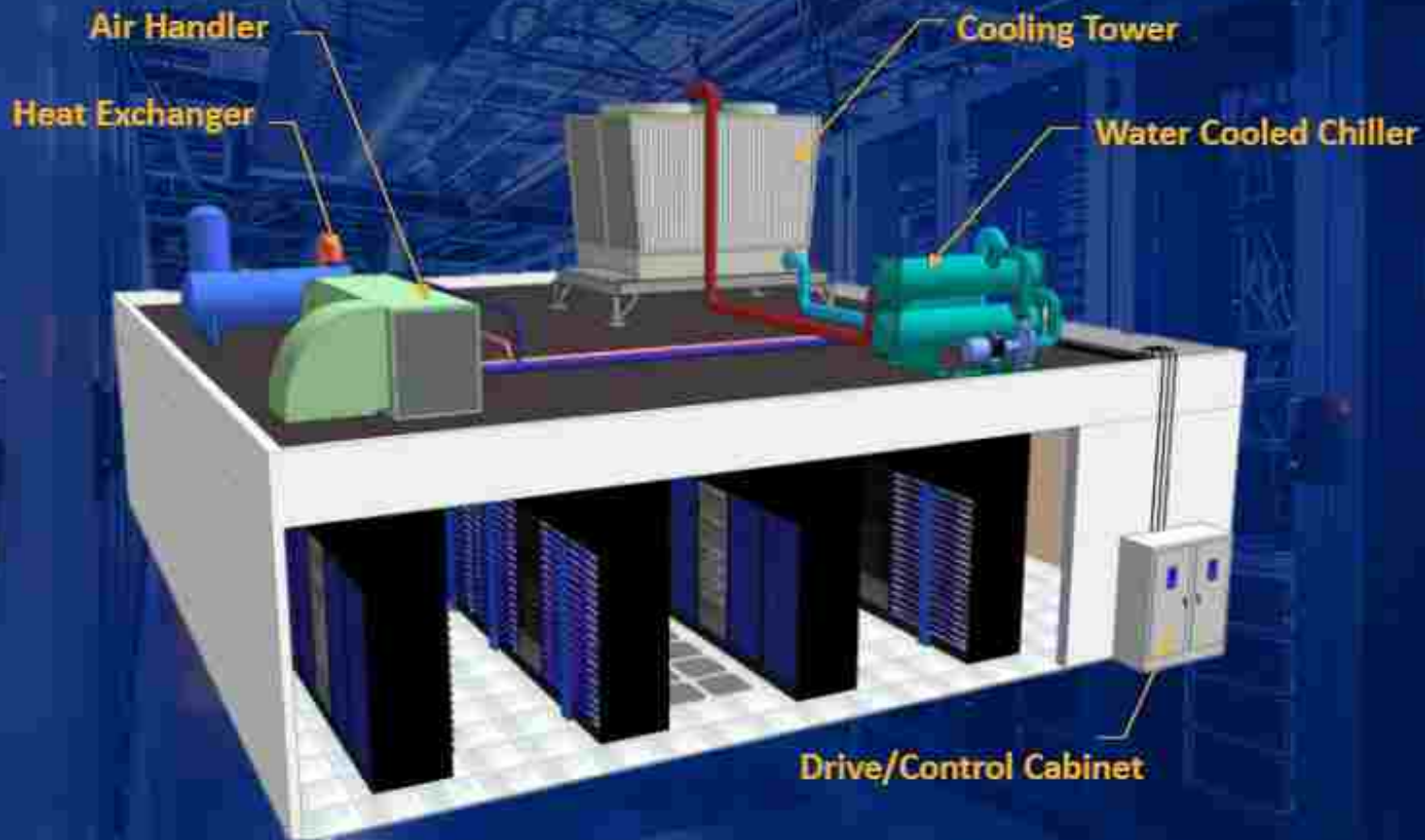
Lower carbon footprint and meet
environmental compliance



Enhanced Reliability

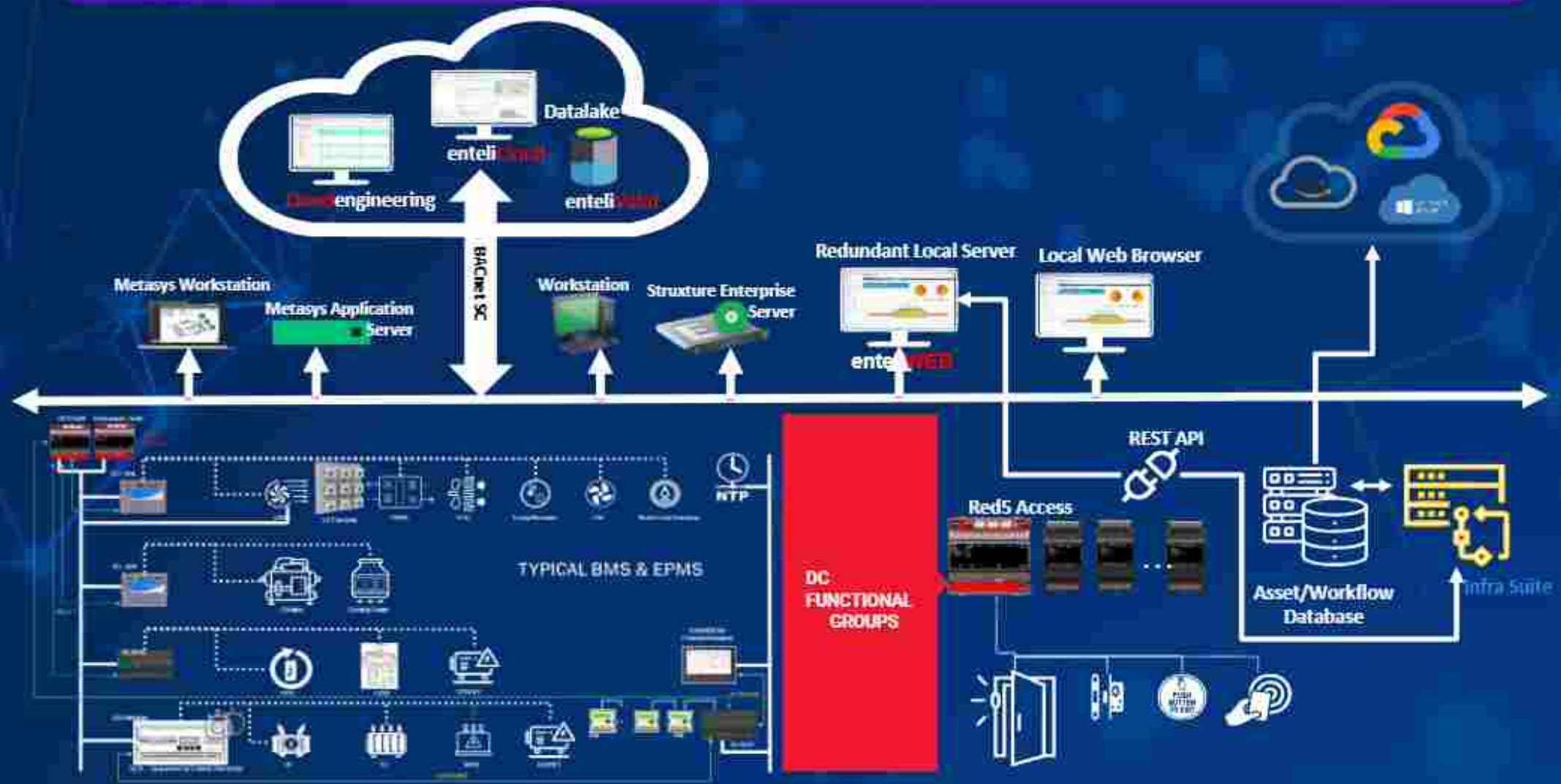
Prevent downtime with predictive
maintenance and automated controls

Data Center Solution



1. **Energy Efficiency & Cost Reduction**
2. **Enhanced Cooling & Environmental Control**
3. **Improved Security & Risk Management**
4. **Increased Server & Equipment Lifespan**
5. **Sustainability & Environmental Impact**
6. **Seamless Integration & Scalability**

Data Center Solution



Smart Automation for Every Space

Residential Building



Corporate Office



Shopping Mall



Data Center



Hospital



School



Smart Automation for Every Space

We are continuously conducting R&D to discover new use cases for facilities of all sizes, ensuring scalability and adaptability for larger projects, including smart city implementations.

- ❑ Energy Management
- ❑ HVAC Control
- ❑ Lighting Automation
- ❑ Fire and Safety Systems
- ❑ Environmental Monitoring
- ❑ Security and Access Control
- ❑ Integration of Smart Devices
- ❑ Utility Control & Monitoring
- ❑ Remote Management

Factory



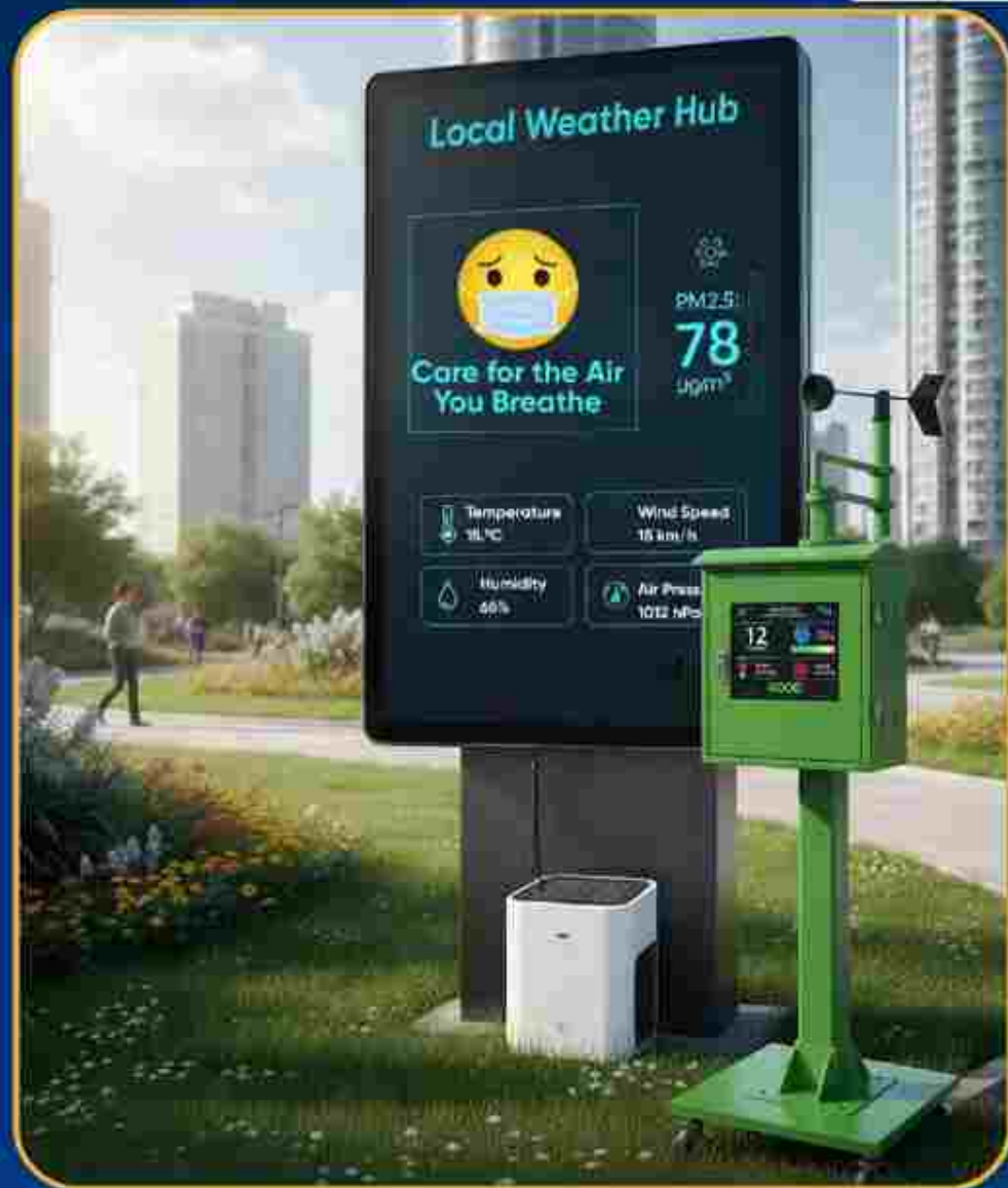
Hotel



Mosque



Environment Monitoring System



Indoor & Outdoor – We Cover Both

- ☐ Precipitation
- ☐ Temperature
- ☐ Humidity
- ☐ Wind Direction
- ☐ Wind Direction
- ☐ Barometric Pressure
- ☐ Wind Speed
- ☐ Dust Monitoring
- ☐ Emission Monitoring
- ☐ Noise Pollution
- ☐ Light and Radiation Monitoring



National Weather Service



Flood Alarming



Smart Agriculture



Smart City

Outdoor



Indoor



#Chapter 3

Achievement, Partnerships, Client Directory



The First and Only IoT & Telematics R&D Centre in Bangladesh



The First and Only IoT & Telematics R&D Centre in Bangladesh



Our International Partners

Streamax

Video Telematics, China

 **TELTONIKA**

GPS Tracker, Lithuania

 **MIELTA®**
VEHICLE MONITORING

Fuel Management System, Russia



onomondo

Global IoT SIM

 **NAVTELECOM**
TELEMATICS SYSTEMS

GPS Tracker, Russia



동양BMS(주)

Energy Management and Building
Automation System, South Korea

**WATER
WORLD**

沃特沃德集团
WATER WORLD GROUP

IoT Hardware, China

 **Delta**
CONTROLS

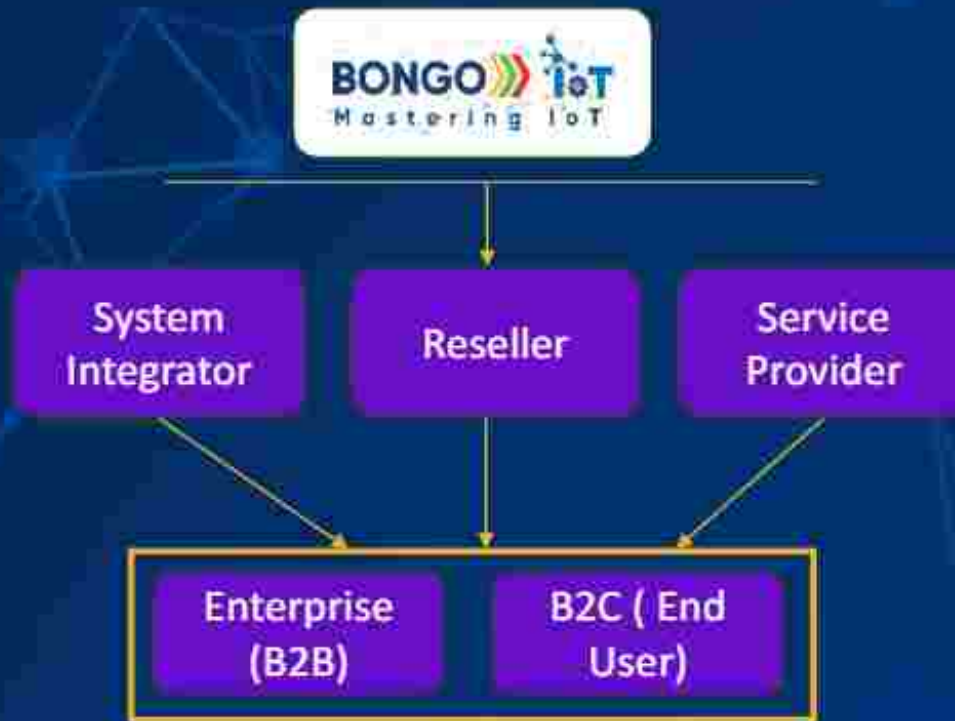
Building Automation Product
Manufacturer (OEM), Canada



And Many More ++

Business Model of Bongo IoT

Business Model-1



Business Model-2



Clients (Bangladesh)



Omera
LPG

FINDER Plus
Solutions in Trade & Technology

RACE >>>

BEACON
LED Technology for Lighting

carry >>>
Delivering with Trust



Uttara University
Education & Higher Education and Research



U
UNITEX

Electro Mart Limited

nextSPACES
LIVING SPACE

re >>> **verie**
Power & Automation Engineering Ltd.



parcelde >>>



ANANDA GROUP

GREEN LINE PHARMAS
All the way from nature

SHENA
GREEN LINE

Abohash
Food Products

MAKSONS GROUP
From Text to Fashion

ILAMEEM
HAGROUP

+++
And More

Clients (International)



Clients (International)



Our Impact on UN Sustainable Development Goals

3 GOOD HEALTH AND WELL-BEING



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



Certifications & Proof of Excellence



Let's Conquer The Future Together!



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