IoT Solutions for Logistics

Increasing Need for Advanced IoT Smart Solutions

Market Research Future (MRFR) indicates that the global market for IoT technology in logistics was $34,504.8 million in 2019, and it is projected to grow with a CAGR of 13.2% between 2020–2030.

These figures clearly illustrate the importance of IoT and real-time information of the exact location of inventory in the logistics sector, and that tracking information is a key asset that drives growth in the industry. The growth in globalization, e-commerce, and a greater demand for throughput needs better, more cost-effective solutions to improve operational efficiency. Black Box IoT solutions entail sensors, gateways, and cloud analytics tools for different tracking and monitoring needs, including:

- Worker Tracking and Productivity Management
- Critical Asset Tracking
- Temperature and Humidity Monitoring
- Air Quality Monitoring
- Security and Access Control
- Microclimate Management
- Worker Productivity Management
- Contact Tracing & Pandemic Compliance
- eMustering and Evacuation Management

Suitable for Various Application Scenarios:

- Inventory Tracking & Warehousing
- Block Chain for Digital Bill of Tracking
- Connected Workers
- Condition-based Maintenance
- Location and Route Management
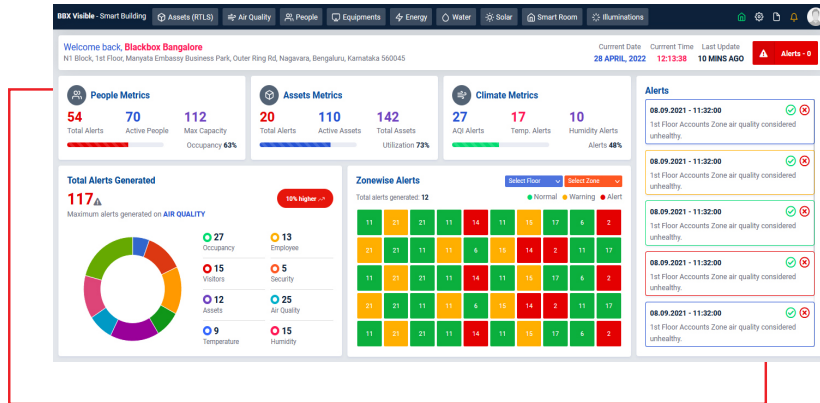- Employee Productivity Monitoring
- And More

Black Box IoT Solutions – Components

Assets and People → Integrated Sensors → AlertWare BLE Beacon → AlertWerks Gateway → BBX Visible Cloud Dashboards (Page 2) → Cloud Analytics

AlertWare Tracker | Temperature | Humidity | Motion | Pressure | Vibration | Air Quality

FLYER
IOT SOLUTIONS

BBX VISIBLE - Operator-centric IoT Monitoring

Compatible with all major IoT cloud systems, BBX VISIBLE IoT Cloud dashboards are designed while keeping the users in mind. The modular design of BBX VISIBLE allows the user to choosing important modules as building blocks, and place them on the top. Modules in BBX VISIBLE include People, Assets, Air Quality, Equipment, Solar Energy, Illumination, Electrical Energy, and Water. The Alerts Section is on the main dashboard, which can come from either people in distress or malfunctioning asset and equipment.
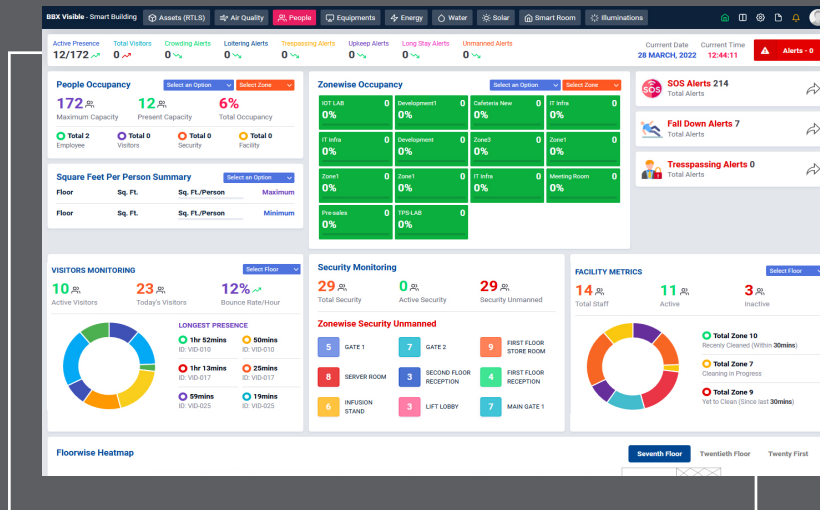
⚠ SOS Alerts - 10

Dashboard

The BBX VISIBLE Modular Dashboard visualizes and highlights the most important metrics based on your priorities.

Whether there is an SOS from a person, any malfunctioning asset or if there is an abnormal change in air quality inside the building due to high carbon dioxide levels - BBX VISIBLE enables you to quickly react based on automated alerts.

BBX VISIBLE People Module

As with all modules, the most important metrices at the top of the module overview page. In the People Module, zone-wise analytics of each of the floors is displayed prominently and intuitively.

Other metrics include occupancy of each of the rooms and areas, employee productivity, visitor management, security monitoring, and monitoring facility upkeep and maintenance.

There is so much more: To learn about various available sensors, beacons, and dashboards, visit **blackbox.com** ▸ or download the **BBX VISIBLE Brochure** ▸