

IoT Solutions for Warehouses

Growing Demand for Smart IoT Solutions

Market Research Future (MRFR) indicates that the global market for IoT technology in warehouses will grow to USD 17.93 Billion by 2025 at a total growth of 21.21% CAGR. This is hardly surprising, since real-time information of the exact location of inventory is the key to manage modern warehouses efficiently.

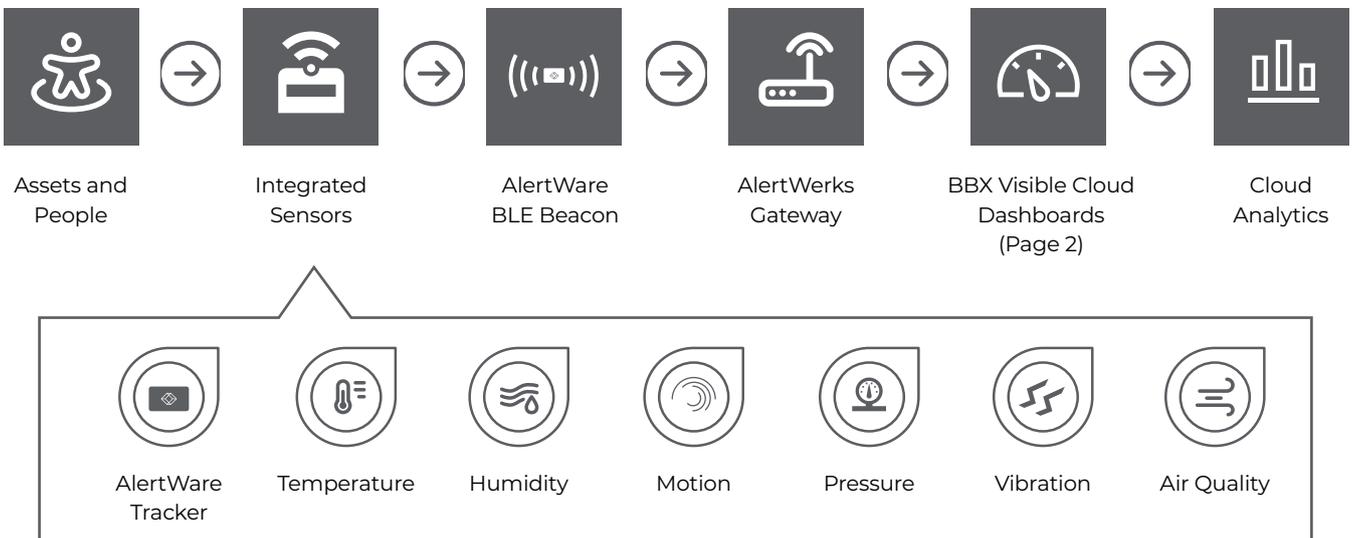
The growth in globalization, e-commerce, and a greater demand for throughput need better, more cost-effective monitoring and tracking solutions to improve operational efficiency. Black Box IoT solutions entail sensors, gateways, and cloud analytics tools for different tracking and monitoring needs, including:

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

Suitable for Various Application Scenarios:

- Occupancy & Space Utilization Management
- Cold Chain & Freezer Tracking
- Asset Tracking & Utilization
- Employee Productivity Monitoring
- Access Control
- And More

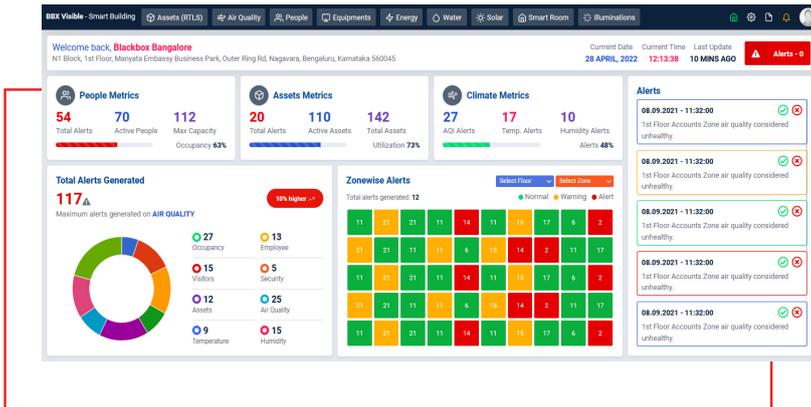
Black Box IoT Solutions – Components



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.

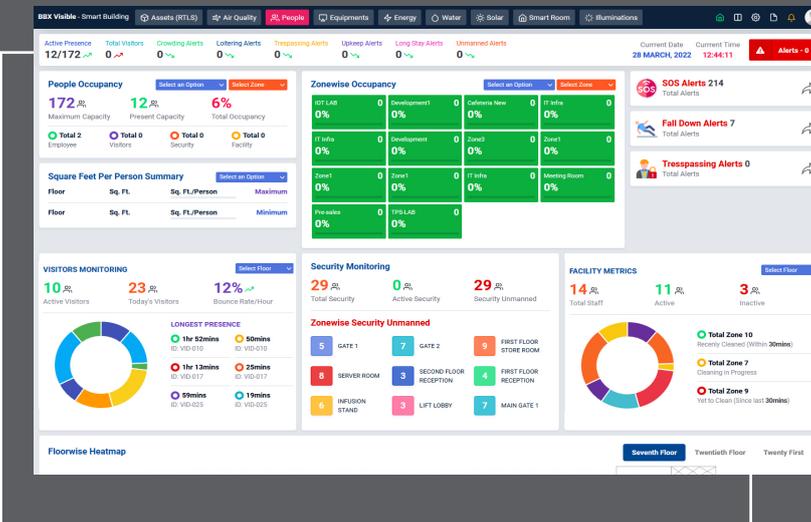
SOS Alerts - 10



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 metrics 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**