



## BBX VISIBLE Monitors People Safety Inside an R&D Lab

### THE CHALLENGE

In an R&D laboratory of a leading semiconductor company, scientists often work at unusual times when the office is otherwise empty. Because the lab is a secured environment, managers need to know who is inside the lab, and when they are there. The lab wanted to implement a worker safety solution that would address these challenges. Their wish list for a solution includes:

- Real-time location of the scientist inside the lab, panic button for emergency
- Alerts for prolonged “No Movement” and “Accidental Fall Down”

### THE SOLUTION

The BBX VISIBLE IoT Platform proved to be the preferred solution that can protect working scientists' safety in the lab. It offers:

- Acquisition of real time data from wireless BLE based ID cards and wearable devices using gateways connected to BBX VISIBLE
- BBX-VISIBLE platform to display data in real time dashboard on movement and location of people inside the lab

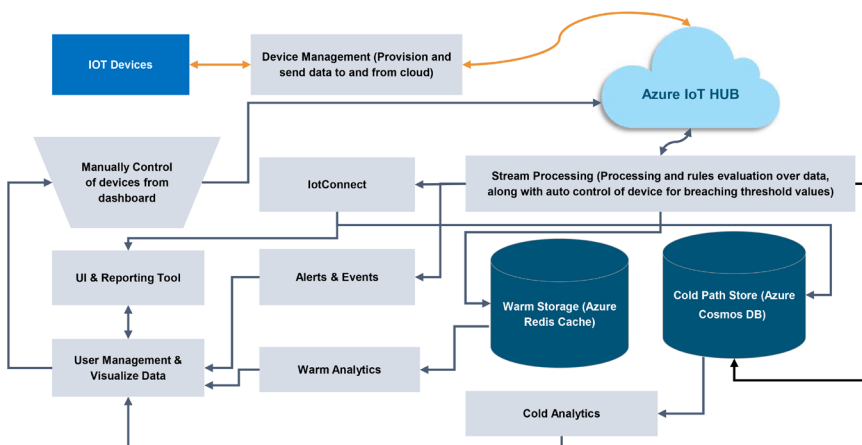
- Determining who exactly is inside the lab and if the person is working, moving, or has been in a single position for a very long time
- Provide safety and security of the working scientists inside the lab, with remote monitoring from anywhere, anytime

### RESULTS

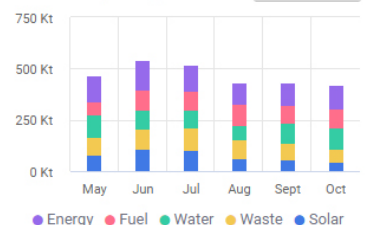
Now scientists and managers alike can rest easy knowing that their workplace is secure and their workers are protected from untoward safety incidents. BBX Visible delivers:

- Intuitive and Intelligent Dashboard to monitor the indoor location real time
- Real-time alerts for any accidental fall down or prolonged no movement
- Improved security and safety of the scientists working at odd hours, with remote management on cloud
- Remote & Wireless RTLS system

### Data Flow Diagram for VISIBLE IoT PLATFORM



### Carbon Reporting



### Air Quality Index

