



Insta Cloud Connect Solutions

What is Insta Cloud Connect

- **Enabling Pre-packaged IOT Monitoring Solutions**
 - **Near Zero Configuration**
- **Instant Connectivity to the cloud**
 - **Plug and Play**
- **Cost-effective real time cloud monitoring with instant reporting and analytics**
- **Leverages existing connectivity infrastructure**
- **Instant Scalability**
 - **Add as many devices as you want**

Pre-Packaged IOT Monitoring Solutions with Insta Cloud Connect



Energy Monitoring with Insta Cloud Connect

Building and Campus Environment

BZ Integrated Energy Meter with Insta Cloud Connectivity

Node unit (Left) instantly connects to Cloud via WiFi



BZ-IOT -EM
Node A (Integrated)



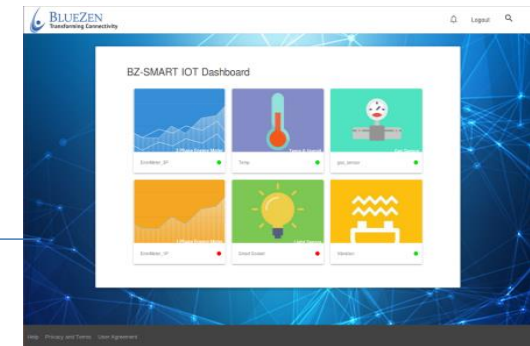
BZ-IOT -EM
Node B (Integrated)



WiFi Connectivity
Infrastructure



Cloud



Monitoring Dashboard

SMART Monitoring of power consumption

Comprehensive picture of energy usage pattern, power availability, power outages, duration of backup power level, devices consuming maximum power, and generator fuel level

The system triggers alerts and prompts swift action whenever any of these factors threaten the overall efficiency of the tower



2: Temp Humidity Monitoring With Insta Connect

Buildings, Data Centers, Factories, Retailers

T/H IOT

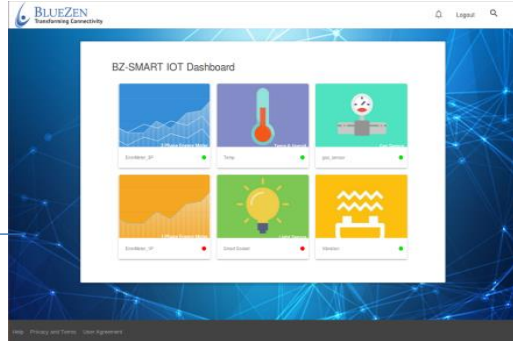
Node unit instantly connects to Cloud



WiFi Infrastructure



Cloud



Monitoring Dashboard

BZ Smart Connect



Integrated Temperature Humidity Sensor

BZ-IOT Node A (Integrated) for Retail Site A

BZ Smart Connect



Integrated Temperature Humidity Sensor

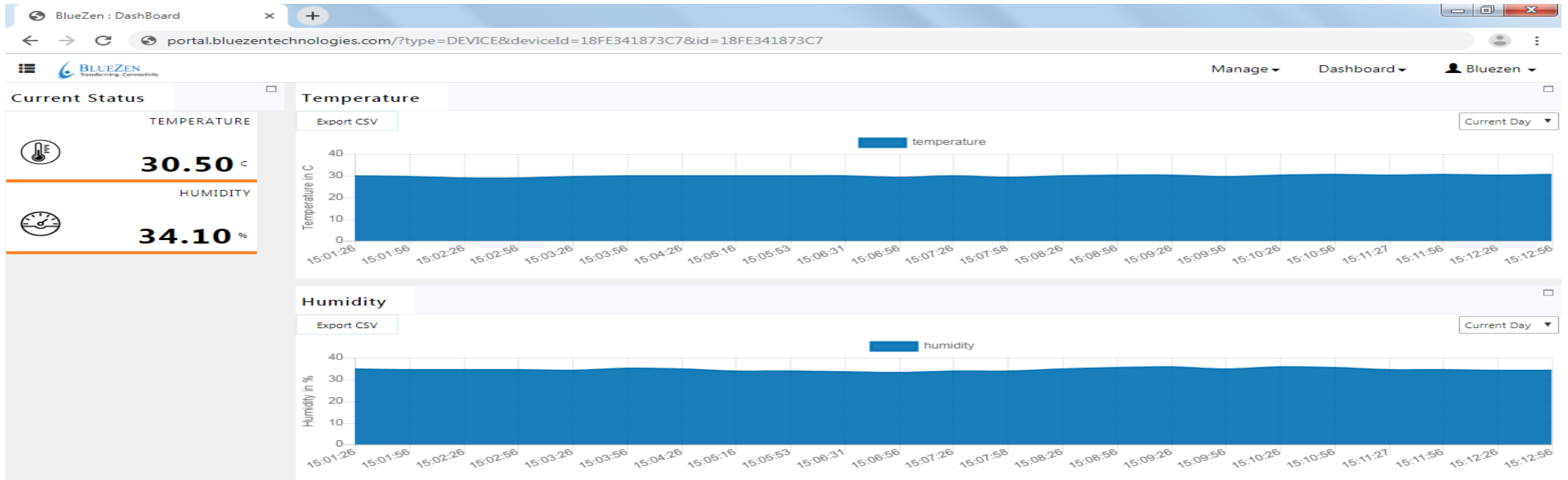
BZ-IOT Node B (Integrated) for Retail Site B

Insta Cloud Connect Monitoring

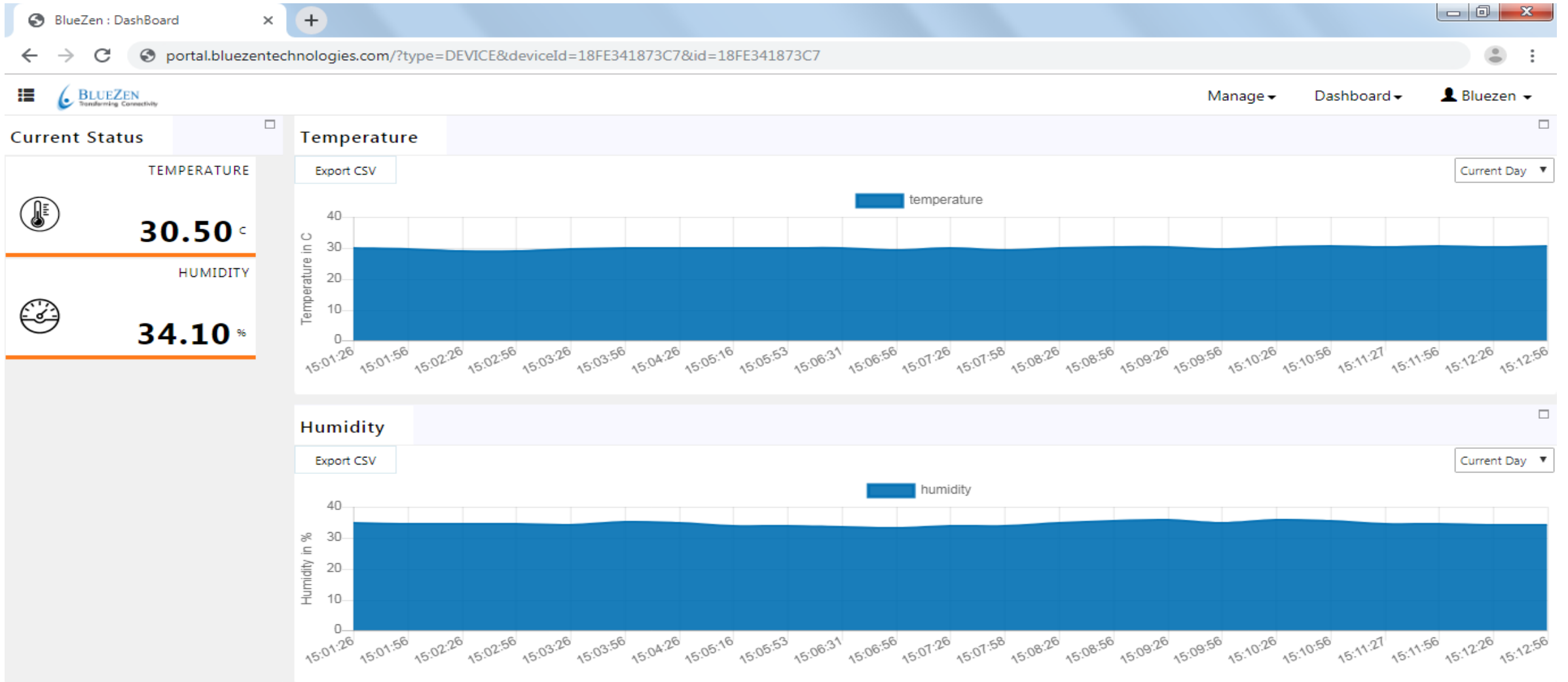
Temperature/Humidity Monitoring

Managing cooling loads has become increasingly significant. Intelligent temperature sensors installed in the data center or factory enables precise control of air temperature range.

BZ- Innovative Integrated Node with THM sensor can be used from various locations to connect to BZ Cloud



Temperature/Humidity Monitoring dashboard

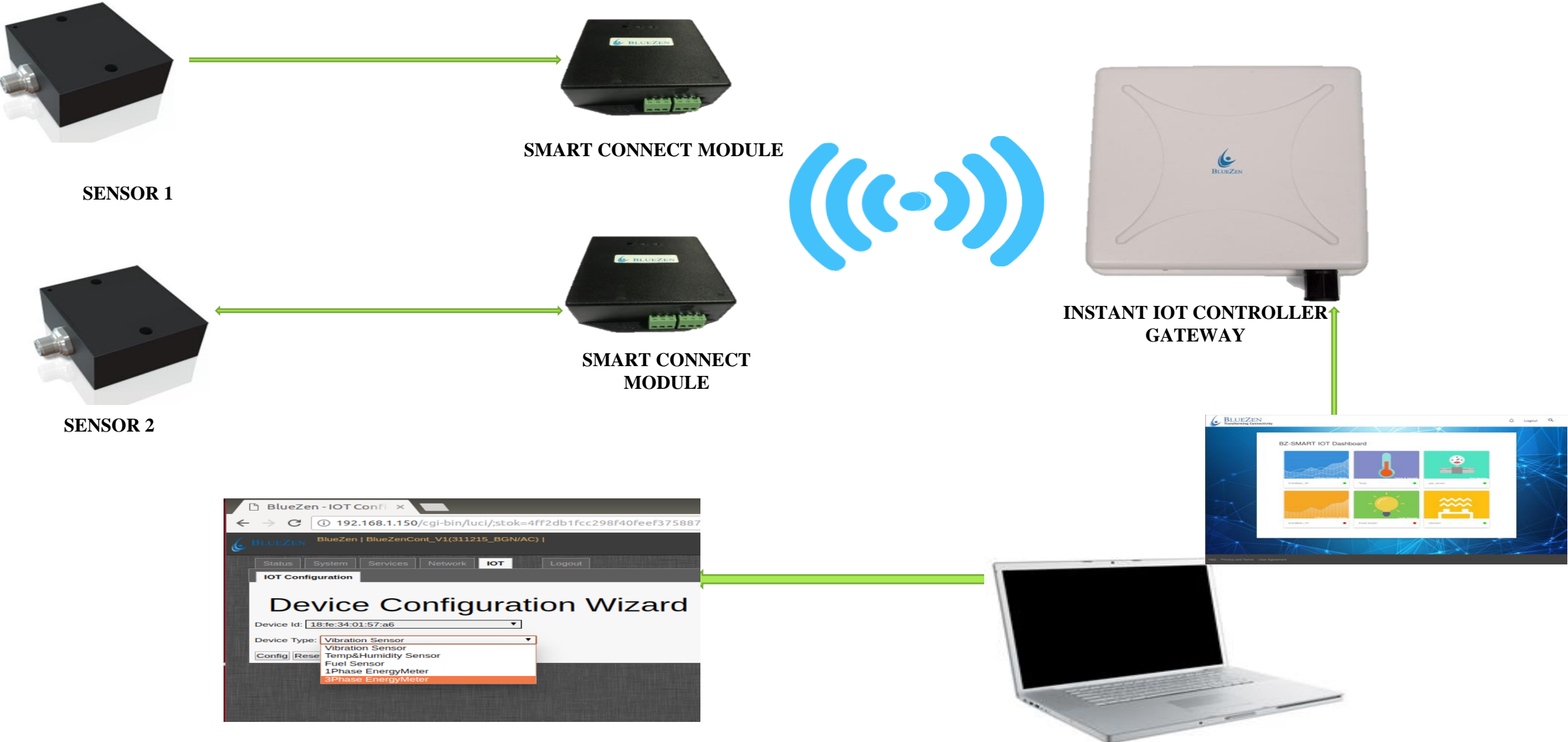




3: IOT monitoring- Vibration sensor

Factory Scenario

INSTANT FACTORY IOT WITH ADVANCED TRIAXIAL VIBRATION SENSORS



FACTORY WITH SMART IOT AP GATEWAY PLATFORM




Monitoring

Machine Parameter Control
Vibration Control



Many number of machines can be monitored for vibration and other parameters with ONE Centralized IOT Monitoring Gateway system

SMART VIBRATION DATA MONITORING USING IOT GATEWAY PLATFORM




Log In

Email

Password







[Log In](#)

[Forgot Password?](#)




Logout

BZ-SMART IOT Dashboard

| | | |
|--|---|---|
|  Energy Meter_3P |  Temp |  gas_sensor |
|  Energy Meter_1P |  Smart Socket |  Vibration |


Help Privacy and Terms User Agreement



Report Config Logs Analytics Logout

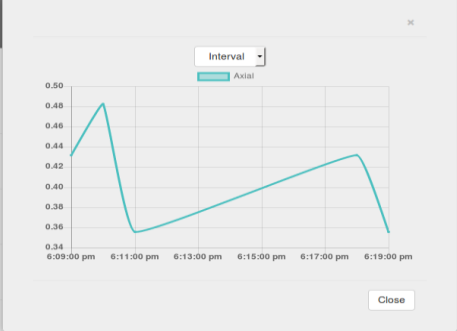
BZ-Vibration Monitoring System

| Vertical | Axial | Horizontal |
|----------------------|----------------------|----------------------|
| 0.2794 mm/sec RMs | 0.4826 mm/sec RMs | 0.7366 mm/sec RMs |
| good | good | good |



Logs Analytics Logout

BZ-Vibration Monitoring System



Interval

Close

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