IoT Portal
SENSE | MONITOR | CONTROL
Versatile, Scalable Sensor-to-Cloud Connectivity

Bringing you the IoT advantage without the hassle! By sensing and monitoring various forms of production, processes or safety parameters, increased productivity, efficiency and safety can be realized resulting in increased revenue with lower maintenance. With added control feature, create sense and trigger events to achieve automation and save further cost through less collateral damage and energy savings.

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BRIDGING TECHNOLOGY
By choosing the right sensors from a plethora of options to monitor various forms of production or processors, increased productivity and efficiency can be realized resulting in increased profits. IoTPortal enables data monitoring globally, storage and pre-configured alerts via SMS, email or push notifications to protect what you care about.

With automated sensing, real time monitoring, control and alerts, there is no need for additional manpower or labour. Further cost savings can be realized through lower maintenance, less collateral damage or energy savings.
ECOSYSTEM
Do It All - No Programming Required!

Monitor & Alert

POE / PSU

IOTPortal Gateway Supports up to 320 Sensors

LDSBus (Long Distance Sensor) Up to 200m

HVT-Junction

Sense & Control

LDS Sensor/Actuator Nodes

The IOTPortal Advantage

Self Powered
Sensor/Actuator Nodes are powered directly. Say goodbye to battery issues.

Security & Noise Immunity
No signal fallout, inherent privacy and security with wired based communication.

High Scalable PaaS
A single IOTPortal Gateway is able to connect up to 320 sensors/actuators. Add more gateways to scale up further.

High Flexibility
Mix and match sensors/actuators to suit your application needs. No programming required.

Wide Reach
A single IOTPortal Gateway can cover an area of 12.6 hectares or 12 football fields.

Control & Automation
Manually control external devices remotely or globally or create automation events based on sensor triggers.

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Machine to Machine
Extend IOTPortal functionality to third party embedded systems through the UART port to include sense, monitor and control capabilities.

DIN Mountable Option
Besides mounting on flat surfaces, the IoT Gateway, HVT-Junction or USB Dongle comes with DIN mountable enclosure for quick and neat installations.

Network Down? No Worries...
The IoT gateway continuously stores sensor data to the on board data cache memory even when the local network is down.

Control & Automation
Sense and perform control either manually or automatically. Monitor across different buildings or countries.

Local/Remote
Sense or Control

Automation
If (Sense) Then (Trigger)
Urban Agriculture
Continuously monitor critical parameters in an urban farming environment and automatically control water valves and lighting to ensure high yield and healthy crops.

Commercial
Either is in an office, hotel, retail or warehouse, deploy sensors and controls to ensure occupant safety and comfort.

Building Management
Monitor anything outside or inside a building from equipment for predictive maintenance, safety parameters such as gas or water leakages or HVAC systems to optimize energy cost.

Data Center/Server Room
Manage data center environment and significantly reduce energy consumption by connecting sensors that not only monitor, but control temperature and lighting.

Industrial
Lower systems and infrastructure costs, use energy and materials more efficiently, improve safety and guarantee regulatory compliance in factories, refineries, and plants.

Transport
Improve quality and quantity of data collection with intelligent infrastructure solutions that optimize the use of transportation assets such as city parking spaces, rail systems and logistics operations.
IoT MADE SIMPLE

**Manage Users**
Add users, create groups, assign roles and permissions.

**Setup Gateways**
Create different gateway groups to manage different nodes. Identify gateway location easily on google maps.

**Configure Sensors/Actuators**
Set report frequency, operating modes and output configurations.

**Configure Alerts**
Alert user groups via emails, SMS or push notifications. Setup rules for trigger.

**Global Access**
Remotely monitor assets status from anywhere manage gateways and update software via OTA.

**Manage Subscriptions**
Easily monitor IOTPortal Gateway subscription usage and billing history. Upgrade to a higher plan anytime.
Besides attaching sensors, we provide an option to attach LDS actuators to control any external device such as valves or relays. Create an event where the trigger is linked to a sensor threshold settings.

Control & Automation
Sense and perform control either manually or automatically. Monitor across different buildings or countries.
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