

## Titanium Global SaaS IoT Solutions

Titanium is a *Global Software-as-a-Service (SaaS) Internet of Things (IoT) platform* providing powerful and intelligent solutions to help our customers. Titanium delivers a scalable platform that is available anywhere from any internet enabled device. Titanium provides a comprehensive enterprise tool for monitoring, control, data, and analytics for **smart buildings** and **smart cities**.

### INTEROPERABILITY

Titanium interoperability enables the platform to incorporate virtually any hardware device to offer the best and most prudent solutions for the greatest value. As a SaaS platform, many solutions are delivered using software. Below are some of the many functionalities available:

### HVAC CONTROL

- Smart commercial and industrial BACnet enabled thermostat
- Warehouse / industrial ceiling fans
- Steam/hot water radiator control

### METERING

- Power
- Water
- Natural gas
- Energy end-use monitoring

### LIGHTING CONTROL

- Indoors/outdoors
- Extensive range of control methods for any situation
- Astronomical clock (no hardware)

### WATER CONTROL

- Water leak detection
- Water valve control
- Water pipe temperature
- Water level sensor

### MOTION / PEOPLE COUNTING

- Motion to trigger actions such as for lighting or HVAC
- Occupancy to monitor space utilization
- Acceleration (for movement of objects)
- Door/window sensors
- Accurate people counting for shopper analytics and more

### INDOOR AIR QUALITY

- Temperature / humidity
- CO2
- VOCs
- Particulate matter
- Air pressure

### OTHER

- Marketing analytics
- Asset tracking indoors/outdoors
- Sound detection
- Parking space occupancy
- Refrigeration temperature
- Weather data (no sensor)
- Weather stations
- Garbage collection tracking
- Vibration sensing (pumps & motors)
- Mouse/rat traps catch detection
- .....and more

