

Titanium Global SaaS IoT Solutions

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**.

VISIONARY DESIGN

Titanium built the SaaS IoT platform based on a visionary design to deliver IoT services that lead our customers into the Fourth Industrial Revolution. Based on Titanium's strategic principles, Titanium strives to deploy an economically prudent technology in all aspects of the data driven platform.

Following is a review of strategic principles used to deliver the Titanium platform:

COMPLETE END-TO-END PLATFORM

- ❖ One platform (all functions)
- ❖ Agnostic to vertical
- ❖ Turnkey solutions
- ❖ Remote control (bi-directional communication)
- ❖ Multi-location monitoring & control
- ❖ Energy rebates
- ❖ Demand response

SOFTWARE DRIVEN

- ❖ Titanium reduces dependence on hardware functionality and delivers solutions through software capabilities
- ❖ Titanium offers unique customer solutions faster and at lower cost through software
- ❖ The SaaS cloud platform promotes sustainable technology and reduces e-waste

COMMUNICATION CAPABILITIES

- ❖ Titanium uses various reliable protocols and a mesh networking technology to communicate securely between various edge devices and stream unlimited data 24/7
- ❖ Live data is delivered through a *bi-directional* communication methodology
- ❖ Titanium combines IoT and IT networks to eliminate gateways substantially reducing network installation and maintenance costs
- ❖ Voice calls using custom speech for reliable and



Fierce Wisdom in the Fourth Industrial Revolution

informative notifications

INTEROPERABLE

- ❖ Titanium interoperability enables the platform to incorporate virtually any hardware device to offer the best and most efficient solutions for the greatest value

SCALABLE

- ❖ Titanium's cloud platform is highly scalable and designed for rapid rollout across many locations in many regions around the globe
- ❖ Titanium can be perpetually expanded to include unlimited functions and capabilities

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AGNOSTIC

- ❖ Titanium is hardware, protocol, and uplink agnostic using the most appropriate combinations for the best solutions

ESG REAL-TIME DASHBOARD

- ❖ Provides corporate reporting & visibility
- ❖ Helps companies achieve green technology and sustainability goals
- ❖ Integrated data provides greater cross-departmental use and strengthens corporate governance

SAVINGS

- ❖ Costs reduced by minimizing hardware which brings down project, installation, and on-going maintenance costs
- ❖ Hard dollar savings achieved through sophisticated controls, automation, and analytics

- ❖ Live analytics solve difficult problems and maximize savings

LIVE DATA

- ❖ Titanium transports live data for advanced control, monitoring, analytics, and automation
- ❖ Titanium's low latency delivers responsiveness necessary for control and automation
- ❖ Data can be provided through APIs to third party solutions for AI / machine learning capabilities
- ❖ Data retained for three years for more insightful analytics

ENTERPRISE MANAGEMENT

- ❖ Enterprise-level cloud enables global delivery and centralized communications with the highest level of service and security
- ❖ Titanium provides centralized control for greater efficiency and effective corporate governance

*END-TO-END ↔ SOFTWARE ↔ COMMUNICATIONS ↔ SCALABLE ↔
INTEROPERABLE ↔ AGNOSTIC ↔ ESG ↔ SAVINGS ↔ LIVE DATA ↔ ENTERPRISE*

