SmartSpace – GeoIoT Platform for Facilities

GISinc

GeoIoT™ PLATFORM

Internet of Things (IoT) Integration: Real-Time Sensors & Facility Data

Move your organization beyond smart lighting to a totally comprehensive energy and facility management solution - SmartSpace IoT Integration.

esri Federal Small Business Specialty
2017 Award Winner
Innovation Partner

IoT Capabilities

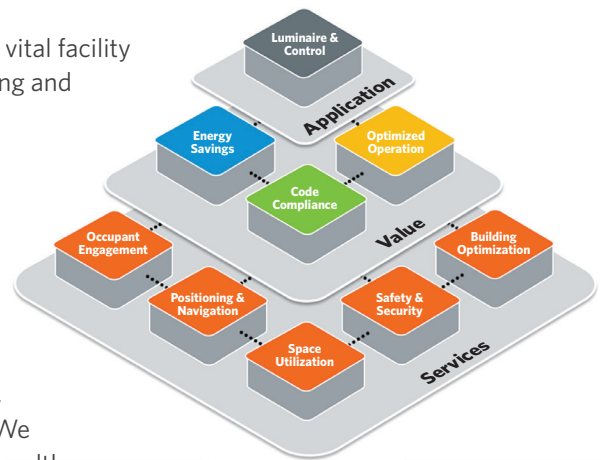| Space Utilization	Asset Management	Occupant Management	Energy Management	Situational Awareness	Analytics & Data Sciences

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SmartSpace Solution: Energy & Building Management

Using highly configurable platforms, SmartSpace IoT Integration will connect vital facility management systems, IT networks, and devices for state-of-the-art monitoring and control of building and energy compliance.
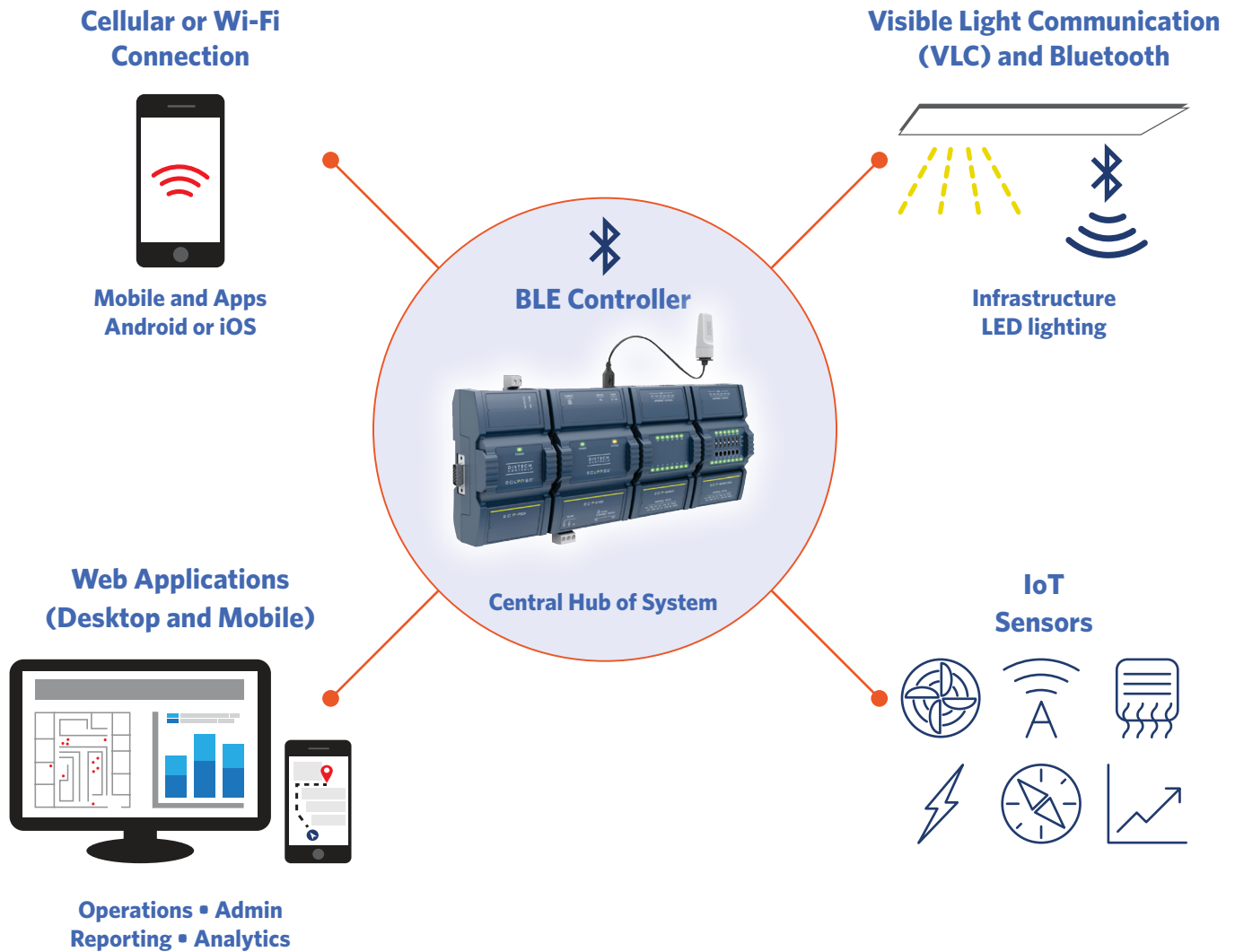
Secure wireless control automation and connectivity allows users to easily customize and upgrade systems. Networked sensors and controls enable BACnet/IP, wired and wireless IP connectivity, retrieving real-time data analytics.

Predictive Maintenance

As an OSIsoft partner, we offer complete implementation of the PI Integrator, which provides access to streaming data from thousands of sensor sources. We are able to configure data streams and process the data to provide real-time health indicators of whatever systems are being monitored to identify potential system faults before they occur.

Luminaire & Control
Application
Energy Savings
Optimized Operation
Code Compliance
Value
Occupant Engagement
Building Optimization
Positioning & Navigation
Safety & Security
Space Utilization
Services

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AcuityBrands

SmartSpace Lighting: Configurable Performance

Cellular or Wi-Fi Connection

Mobile and Apps Android or iOS

Visible Light Communication (VLC) and Bluetooth

Infrastructure LED lighting

BLE Controller

Central Hub of System

Web Applications (Desktop and Mobile)

Operations • Admin Reporting • Analytics

IoT Sensors

How do "Things" communicate?
- Bluetooth Low Energy (BLE)
- Visual Light Communication (VLC)
- Secure WiFi environments

How do "Things" work together?
- Unify individual controls into customized hierarchies (i.e. floors, buildings)
- Improve sustainability efforts and reduce carbon footprint
- Reduce maintenance/operational costs

What could "Things" integrate with?
- Integrate HVAC and Lighting Controls with Distech Controller
- Improve situational awareness with indoor navigation
- Access systems via iOS and android® mobile devices

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