

THINGSSPOT FOR BUILDING AUTOMATION

Today, while having such a big amount of devices in the building, it is hard to access all of them from a single environment through internet. Thus, Ovak Technologies provides a solution called ThingsSpot, which allows building managers to access and control all the connected devices from a simple and intuitive web interface.

ThingsSpot uses NI Industrial Controller as a platform of IoT gateway to provide one of the most efficient and high-performance system to get everything connected.

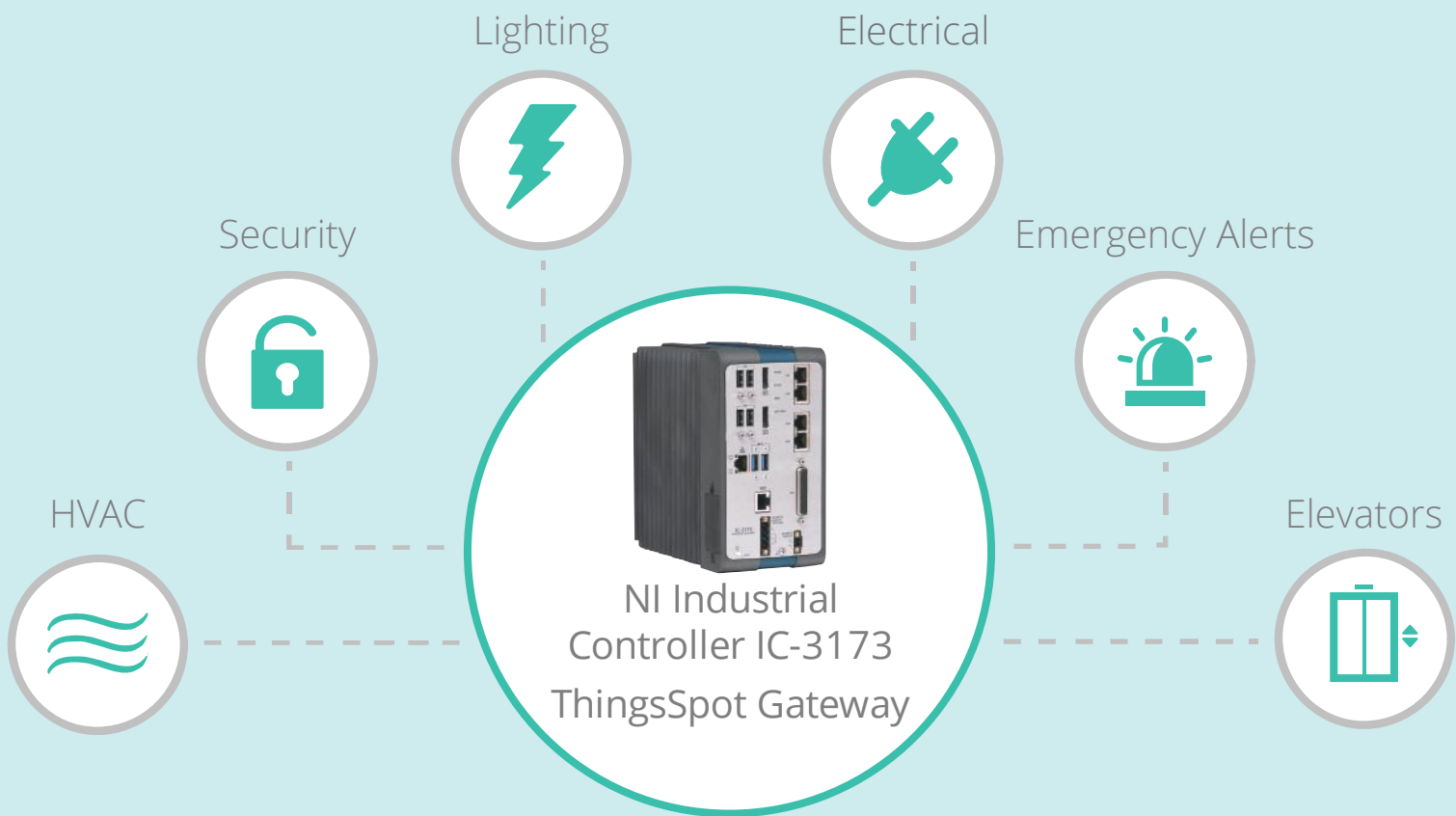
This pair can be effectively used in building automation to control and monitor heating, ventilation, air-conditioning and refrigeration (HVACR), get notifications and alerts from all sensors and cameras. In addition, the solution implements security control of the building.

Features:

- ✓ Efficient control and monitoring of internal comfort conditions
- ✓ HVAC control and monitoring
- ✓ Security, surveillance and access control
- ✓ Lighting control
- ✓ Elevator and escalator control
- ✓ Alarming system
- ✓ Sends SMS and emails upon configurable events
- ✓ Maximizes energy efficiency by coordinating all energy-consuming loads
- ✓ Generates reports from collected data
- ✓ Individual room control
- ✓ Big-data handling and cloud analytics

Benefits:

- ✓ Cloud connectivity
- ✓ Supports popular industrial and IoT protocols, such as BACnet, ModBus and MQTT
- ✓ Ability to add new protocols such as DALI, KNX, ZigBee, Z-Wave, LonTalk via addons
- ✓ Connects with LabVIEW ThingsSpot API to access server from National Instruments' controllers and automatically provides controller's tags information to server
- ✓ Real-time data processing



ThingsSpot