Is Trellix a Building Automation System?

Building Automation Systems are designed to integrate the different sub-systems operating a building and provide a single pane of glass to the facility to configure and manage their sub-systems. Trellix is one of these sub-systems. It goes beyond traditional lighting. It provides data not only with regards to lights but also the spaces where lighting has been installed.

Do I need one Trellix per building?

Trellix is a multi-building/multi-tenant solution. You can install a single instance of Trellix managing multiple buildings in different geographies. It is important to note that the data exchange with third party systems is done through Trellix. So it is up to the customer to decide if they want to do the data exchange through a single hub for all their buildings or one hub per building. It is a design/integration consideration.

Is Trellix a SaaS?

Trellix is an on-premise solution with a one time software license model. Each Trellix platform (Pro, Enterprise, Virtual) comes with a starter license that covers up to 250 or 1000 nodes (depending on the selected model). A node is any device connected to the Wireless Area Controllers (WaveLinx Wireless Fixtures, wireless switch pack, wireless wallstations, etc). Larger installations may be covered by purchasing additional node license packages. Once purchased there is no need to pay renewal on a yearly basis (unless upgrading functionality).

Does Cooper Lighting Solutions offer support service contracts?

Similar to your BAS solution, Trellix support contracts are offered to maintain your lighting system for end users. Our customers with support contracts get discounts for the new features introduced with each software release. For their existing features, customers get updates at no cost.

Is Trellix BACnet Interface part of the Trellix platform?

The Trellix interface is hosted on the Trellix platform (Pro, Enterprise, Virtual). There is no need for a dedicated physical BACnet gateway to integrate your WaveLinx system with your building automation system or other third-party system. A valid software license is required to enable the interface.

What data is available via API?

Trellix exposes various types of data via APIs. The data can be categorized into 4 types: Devices based data, zone and area-based data, building hierarchy based data and device hierarchy based data. Most integrators are interested at area level data. The following real-time data is available at the area level:

1. Area name
2. Area status (healthy or not)
3. Energy (15 minutes interval)
4. Number of configured scenes
5. Scene level
6. Scene to scene fade time
7. Off to Scene fade time
8. Zones associated with the area
9. Occupancy sets (groups) within the area
10. Devices within the area
11. Configured hold occupancy time
12. Area Alerts
13. Area logical occupancy
14. Area physical occupancy

For more information, please refer to our Trellix Lighting API Reference Manual:
https://www.cooperlighting.com/content/dam/cooper-lighting/brands/control-systems/instruction-sheets/trellix-lighting-api-reference-manual-inst.pdf

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When do I use BACnet vs APIs?
BACnet is typically used to integrated traditional sub-systems located in the same building. API's areTrellix Lighting and Trellix Core, respectively used to get data from multiple buildings as well as exchange data with other smart systems being installed in buildings such as conference room booking systems, tenant apps, etc... API allows integrators to easily exchange data across different IP networks something that is difficult to achieve with BACnet.

Are Trellix Public APIs available for free?
Similar to Trellix BACnet interface, a valid software license is required to enable the Public APIs. Cooper Lighting Solutions provide support services at no additional charge to help system integrators with their development. Cooper Lighting Solutions will provide a test environment to developers so that they can test their applications with a Trellix system.

What is the difference between LXI and Trellix and Insight Manager and Trellix Core?
With our connected systems transitioning from pure lighting to lighting and sensing, we have decided to rebrand LXI and Insight Manager to API's are Trellix Lighting and Trellix Core, respectively. We have also introduced one new app called Trellix Admin which provides a cleaner breakdown between Admin tasks from pure lighting management tasks. Trellix is the overall name of the ecosystem. It encompasses the apps as well as hardware, i.e. Trellix Core

How long is Trellix Energy Dashboard information retained?
Trellix Energy Dashboard retains a rolling 13-months of energy data available for tracking the progress of your energy saving strategy.

To what level can the Trellix Energy Dashboard display energy consumption data?
Trellix Energy Dashboard information is available at the building, area and zone level.