

# **Building Advisor Portal EcoStruxure Building Advisor**

## EcoStruxure<sup>™</sup> Building



### Introduction

EcoStruxure Building Advisor simplifies maintenance, improves comfort, optimizes performance, and extends the life of the assets in a building. It is a suite of cloud-based monitoring and analytics software leveraged by experts from Schneider Electric and EcoXpert partners.

Building Advisor helps to monitor your entire building portfolio and make proactive, data-driven decisions for the maintenance and operation of your buildings.

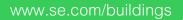
### **Features**

#### Portal administration

Building Advisor Portal consolidates views of all the clients, their buildings and deployed system and services. The portal offers an aggregated view of Building Advisor's suite of modules enabling digital services. The portal supports multilingual and administrative functions to enable flexible access across teams or end users.

#### Asset Health

The Asset Health module monitors building equipment operation, analyzes performance, and provides automated fault detection with diagnostics. You can easily see your building equipment





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## **Building Advisor Portal**

issues, opportunities to improve with associated costs, and severity impacts.

#### **BMS Health**

The BMS Health module provides automation in continuous check of BMS servers, controllers, and devices, which saves time and improves coverage as well as accuracy compared to manual checks. The module also helps identify hardware that needs to be replaced due to end of life or software that needs to be upgraded.

#### Alarm Health

The Alarm Health module provides alarm insights to drive continous improvement creating functional alarms. Use analysis and reports for alarm events to provide context for where to focus attention, and to reduce risk of missing critical alarms that require attention but are masked by high volumes of alarms.

#### Task Manager

The Task Manager module provides a view to track maintenance tasks related to Asset Health, BMS Health, and Alarm Health. For Asset Health tasks, you can view return on investment (ROI), key performance indicators (KPIs), completed tasks, technician notes, avoidable costs, and realized savings for assets and equipment. For BMS Health tasks, you can create and manage actionable tasks based on the issues identified by the preventive maintenance checks on the BMS system. For Alarm Health, you can create and manage actionable tasks to address the volume of nuisance alarm and implement a more efficient alarm management strategy.

### Specifications

#### Reports

The Reports module allows you to generate automated reports to view the value of service provided based on a set of three services:

- Asset Health Report to highlight realized energy savings, performed maintenance improvements, and identified opportunities.
- BMS Health Report to highlight a mix of BMS equipment, identify upgrade needs, and runtime performance.
- Alarm Health Report to highlight alarm behavior, the most frequent alarms, and the status of alarm-related tasks.

#### Data transmission

Building Advisor transmits several types of data from the BMS including point values and alarms.

Building Advisor removes all personal identifiable information coming from the BMS before the data is transmitted to the cloud.

#### Cybersecurity

All data is transmitted over HTTPS. Microsoft Azure is used to store the data needed to support Building Advisor.

#### Data privacy

Schneider Electric is committed to protecting your privacy and personal information. For more information, see Schneider Electric's global privacy policy.

Building Advisor Portal	
Recommended web browsers	Google Chrome Microsoft Edge Mozilla Firefox Safari Keep your web browser up-to-date for full feature support and improved security
Display	Recommended: 1024x768 pixel resolution Landscape or portrait orientation
Data sources	
Asset Health (DTS Service)	Protocol: HTTPS Port: 443
BMS Health (CloudPlugin)	Protocol: HTTPS (TLS 1.2 required) Port: 443
Alarm Health	Protocol: HTTPS (TLS 1.2 required) Port: 443
Cybersecurity	
Application	IEC 62443-4-1 compliant
Data centers	SOC 2 certified

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Asset Health			
Supported platforms	ALC, Alerton, Carrier, Delta, Eaton, Honeyw	vell EBI, JCI, OSIsoft, Schneider Electric, Siemens, Apogee, Siemens Desigo, Trane, Tridium, and more	
Supported Protocols		BACnet, Modbus, OPC, EWS, OPC, TACOS, oBIX, and R2	
BMS Health			
Compatible Building Management System The EcoStruxure BMS must be registered and have Internet connectivity. The top server in the EcoStruxure BMS must support cloud connectivity.			
Enterprise Server and Ent	terprise Central	EcoStruxure Building Operation version 3.0.4 and later	
SmartX AS-P and AS-B servers For more information on specifications and port usage, see IT System Planning Guide - EcoStruxure Building Management.			
Alarm Health			
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