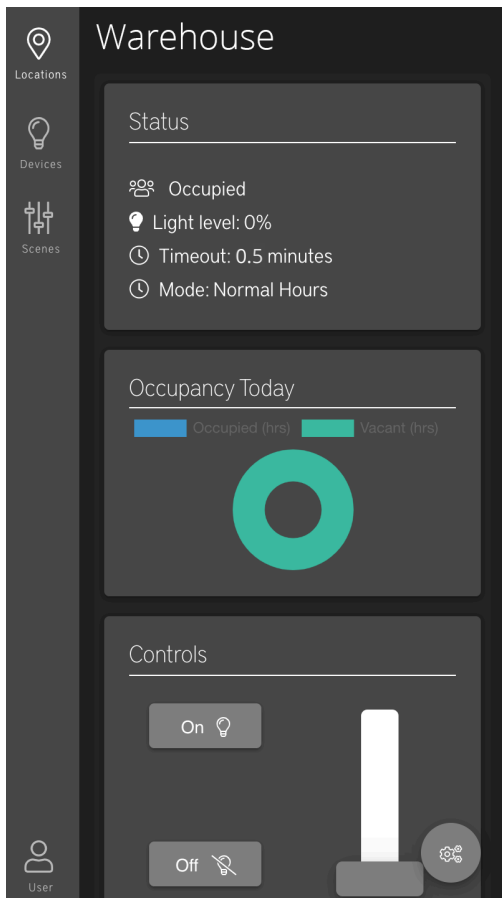Product specifications

PRODUCTS OVERVIEW

The Amatis App allows you to easily interact with your newly installed Amatis lighting controls devices and guides through the commissioning process. Commissioning a mesh network can begin after installing your devices and logging into the app. The free app is available for both Apple and Android devices, and can also be accessed through your web browser at app.amatiscontrols.com.

After commissioning is complete and the system is operational, monitor energy savings and system data through the Amatis Dashboard, found through your web browser at amatisdash.com.
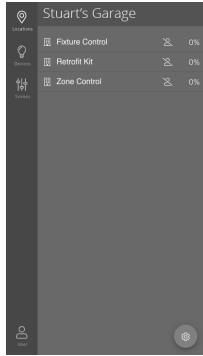
APP FEATURES

After your devices are installed, use the Amatis app to create virtual lighting control zones. When connected to your site's Amatis Border Router (AMBR) via an Internet connection, use the Amatis app to configure and maintain your sites remotely.
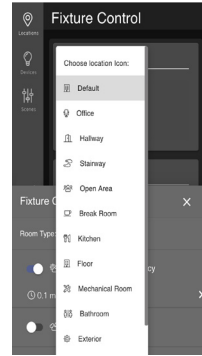

APP FUNCTIONALITY	Program devices in the Amatis Controls system for individual lights and light groupings
	Enables remote configuration, customization and troubleshooting, from anywhere with an Internet connection
	Create multiple controls zones per building
	Add or remove devices from control zones
	Enables app-based (manual) control of control zones
	Customize daylight harvesting settings
	Tune high- and low-end trims
	Two customizable modes for occupancy: Normal Hours and After Hours (vacancy)
	Pre-defined or default settings for various room types available
	Tech mode users can customize scenes; Installer-level useres can view scenes and request creation
	Administrative users can create or edit custom schedules; Installer-level users can view schedules and request creation
ACCESSIBILITY	Available for both Apple and Android devices
	Can also be accessed at app.amatiscontrols.com from a web browser on any phone, tablet or desktop
	Empowers professional end users (contractors) with access to the commissioning process
CODE COMPLIANCE	Amatis lighting controls meet Title 24 and ASHRAE 90.1-2016 standards
WARRANTY	The Amatis app is free to use

Create locations

Multiple zones, or locations, can be created in the app, each with different lighting controls strategies.

Room type settings

Select from a list of room types that help pre-configure your location based on most common features in each type of room. Or you can choose to stay on "Default" which does not use any predefined features.
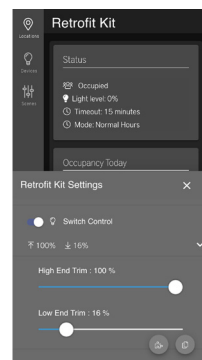
Add and remove devices
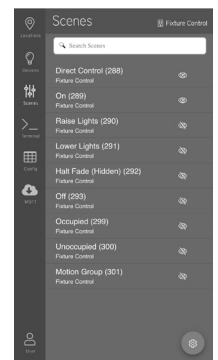
Add and subtract devices from your control zones.

Manual control

Enable Slider Control to have direct control of the lighting from the app.

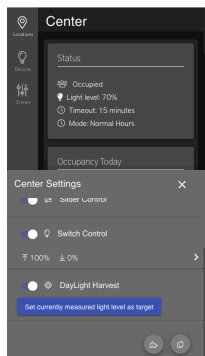## Switch control

You can control your system with programmable battery-powered and wired switches, or virtually by enabling Switch Control in the app.
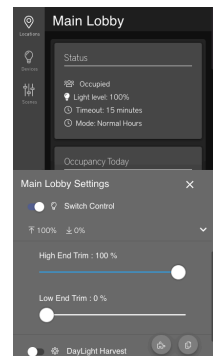
Tech mode

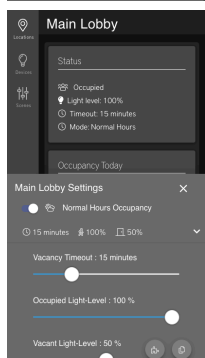Available to expert users, this role includes access to scene customization and more advanced device configuration.

Daylight harvesting

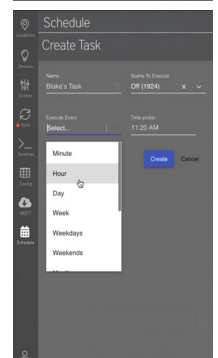Set lights to dim when there is enough ambient light coming in through windows.

Tuning

Set high- and low-end trims to define the highest and lowest levels allowed in a space, for both comfort and energy savings. The high-end trim can be set to as low as 1%.

Normal hours occupancy

Choose how long the lights stay on once motion is detected.
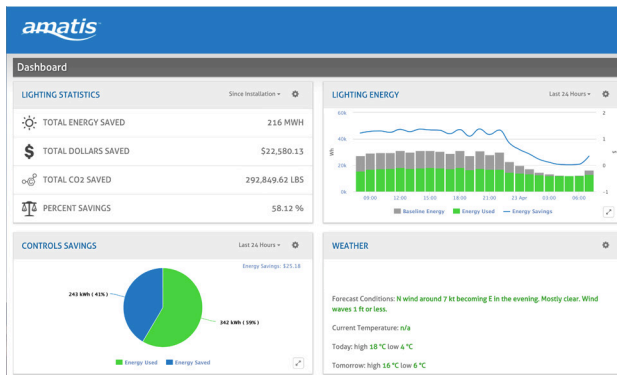
After hours occupancy

Set vacancy timeout that programs lights to shut off after a set time of no vacancy in a location.

Scheduling

Administrative users can create or edit custom schedules for individual days or in larger reoccuring frequencies, like weekly instances.

Installer-level users can view schedules created, and request these from Amatis representatives.

DASHBOARD FEATURES

Data collection
Monitor energy savings, occupany rates, light levels, and temperature fluctuations. By providing base-line data prior to adding lighting controls, you can compare changes in total energy, dollars, C02 and percent savings.

Real-time schematics
Show occupant activity in a reflected ceiling plan format with device placement.

TECHNICAL SPECIFICATIONS

:	AMATIS APP	AMATIS DASHBOARD
Technology	Progressive web app written in React	Web app written in PHP
Mobile app	The free app is available for both Apple and Android devices	N/A
Security	AES 128-bit encryption	
Web browser	app.amatiscontrols.com	amatisdash.com
Connections required	Requires cellular or Internet connection to communicate to your site's mesh network via the AMBR.	
Alert mechanisms	Offline devices are escalated in the Amatis app in the "Errors" section. User experience software also monitors for app connectivity issues and dispatches email communiciation to users when needed.	Offline devices are escalated in the Amatis Dashboard in the "Errors" section. Software is used to monitor dash connectivity issues.
Software / firmware updates	Every two weeks via web server updates and app store releases.	Every two weeks via web server updates.
API	The Amatis API is a cloud-hosted, RESTful node .js written with express framework, and interfaces with all devices via operational commands. Endpoint availability is dependent on user type, and site and device availability are dependent on user's permission. - Requires user authentication; 2-factor authentication available - Available to customers and developers upon request	

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