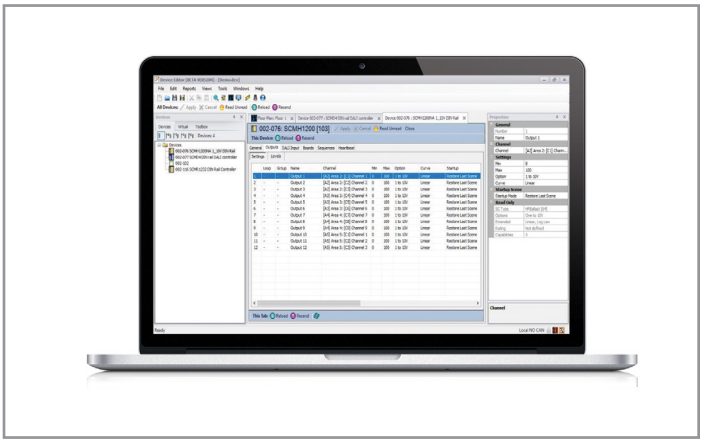
Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



WaveLinx Wired

SOFT-ILP

WaveLinx Wired Configuration Software

Typical Applications

Office • Education • Healthcare • Industrial

Interactive Menu

Product Certification

Recommended minimum hardware:

- Operating System: Microsoft Windows 7 or higher
- Hard disk: 320GB HDD, 500MB for applications
- Memory: 8GB DRAM minimum
- Communication ports: USB

Top Product Features

- Define lighting areas, scenes and zones
- Automatic addressing of devices on the WaveLinx Wired local bus
- Complete WaveLinx Wired system commissioning including occupancy, daylighting, partitioning, receptacle control and more.
- Export information to Trellix for floorplan, scheduling and BACnet control.

Overview

The WaveLinx Wired Configuration Software will be used by startup technicians to program the system according to defined sequence of operations. The WaveLinx Wired Configuration Software also includes several other software modules that can be used for enterprise level control.

The WaveLinx Wired system can also connected to the Trellix Smart IoT Spaces Platform for centralized floorplan, scheduling and control. See Trellix data sheets for more information.

Order Information :

WaveLinx Wired Configuration Software is ordered as part of the WaveLinx Wired system. At least one instance of the configuration software should be provided for each installed location.

Catalog Number

Catalog Number	Description
SOFT-ILP	WaveLinx Wired Configuration Software
ILP-SCREENS	Cooper configured visualization screens for the Panel Editor module (does not include floor plan control)

Product Specifications

Key Features

- Auto device scan and detection
- Define lighting areas, sense and zones
- Occupancy detection configuration
- Daylight harvesting configuration
- Receptacle control
- Control sequencing
- Time scheduling
- Control panel screen editor
- Partitioning setup
- Demand response settings
- Device monitoring
- Smart Phone configuration
- Personal control setup

Hardware

Recommended minimum hardware:

Operating System:

- Microsoft Windows 7 or higher

Hard Disk:

- 320GB HDD, 500MB for applications

Memory:

- 8GB DRAM minimum

Ports:

- USB

User Interface examples

Device Editor module:

- Device configuration and addressing

Sheduler module:

- Provides enterprise level centeralized scheduling tool

Panel Editor module:

- Enables user graphic screen control of area and scenes

Daylight Engines:

- Simple visualization of daylight and occupancy sensor control and time out period

Warranty

Five year warranty standard

Top Product Features

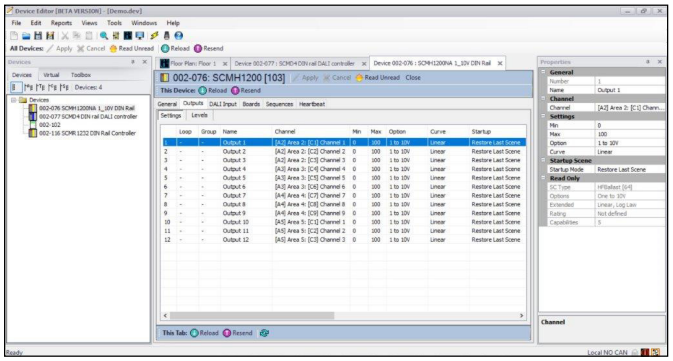
1. Device Editor screen examples

Note:

- Easily define areas, zones and scenes
- Map control outputs to DMX input channels
- See all devices on the lighting control network
- Develop powerful advanced control sequences
- Program basic time schedules

Note:

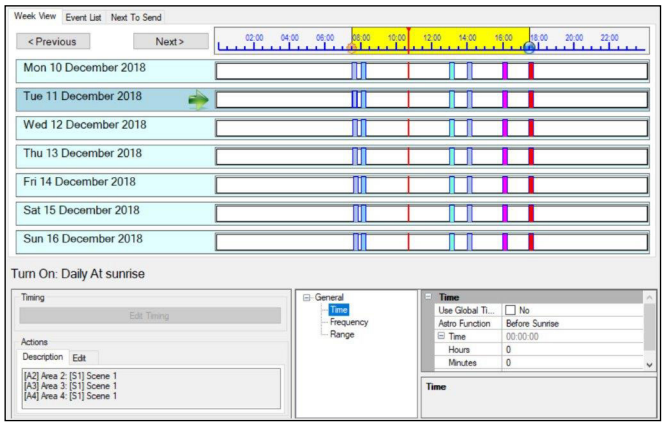
- Addressing tool provides automatic addressing of devices on the two wire communications bus.
- Easily re-address devices without effecting device programming

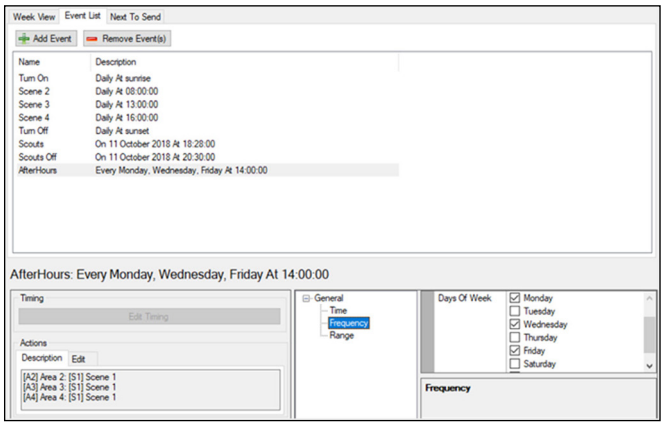


2. Scheduler screen example

Note:

- Enterprise level scheduling
- Weekly, monthly time schedule views with sun up, sun down time icons
- Seven day scheduling, with holiday and reoccuring schedule events

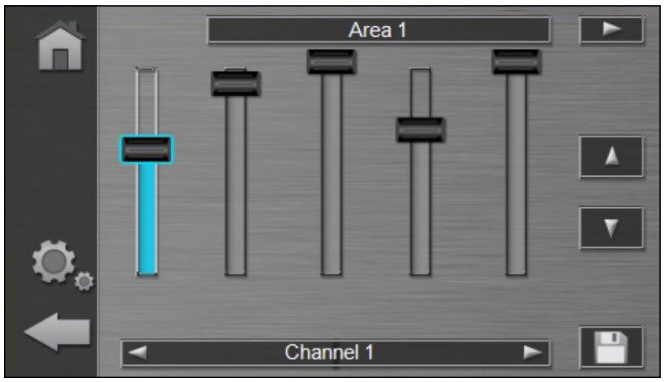




3. Panel Editor screen examples

Note:

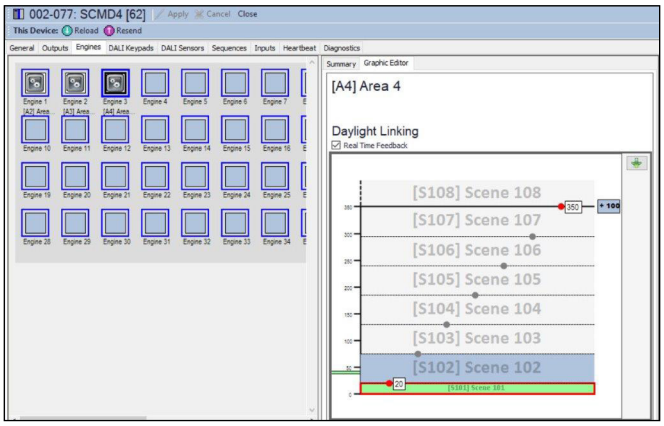
- Sample ILP-SCREENS defined by programming technician
- Provides user control via laptop, PC or touchscreen display
- Allows authorized user to modify and save scenes for the system



4. Daylight Engines screen example

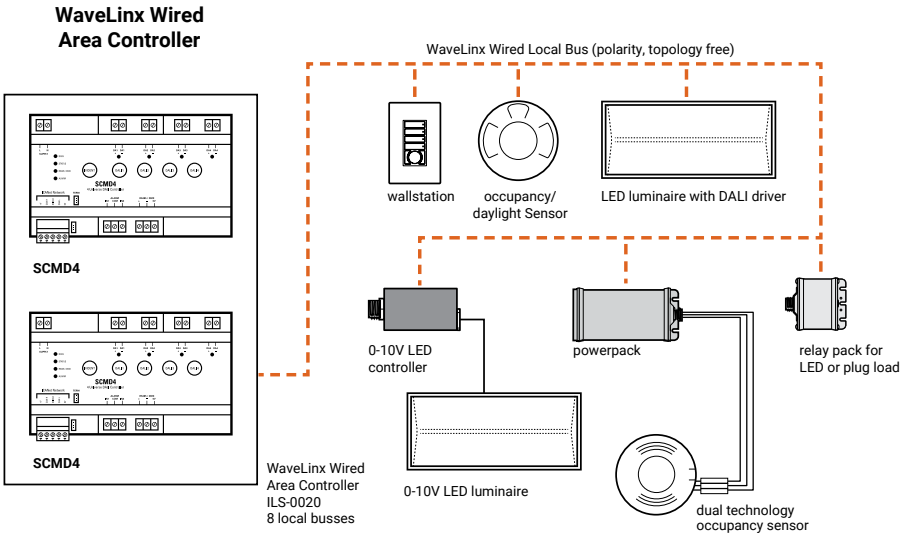
Note:

- Multiple engines available per system providing Occupancy and Daylight sensor profiles.
- Visual representation of daylighting light level control
- Visual representation of occupancy sensor activation and time out period.
- Visual method to assign first and second occupancy sensor timeouts

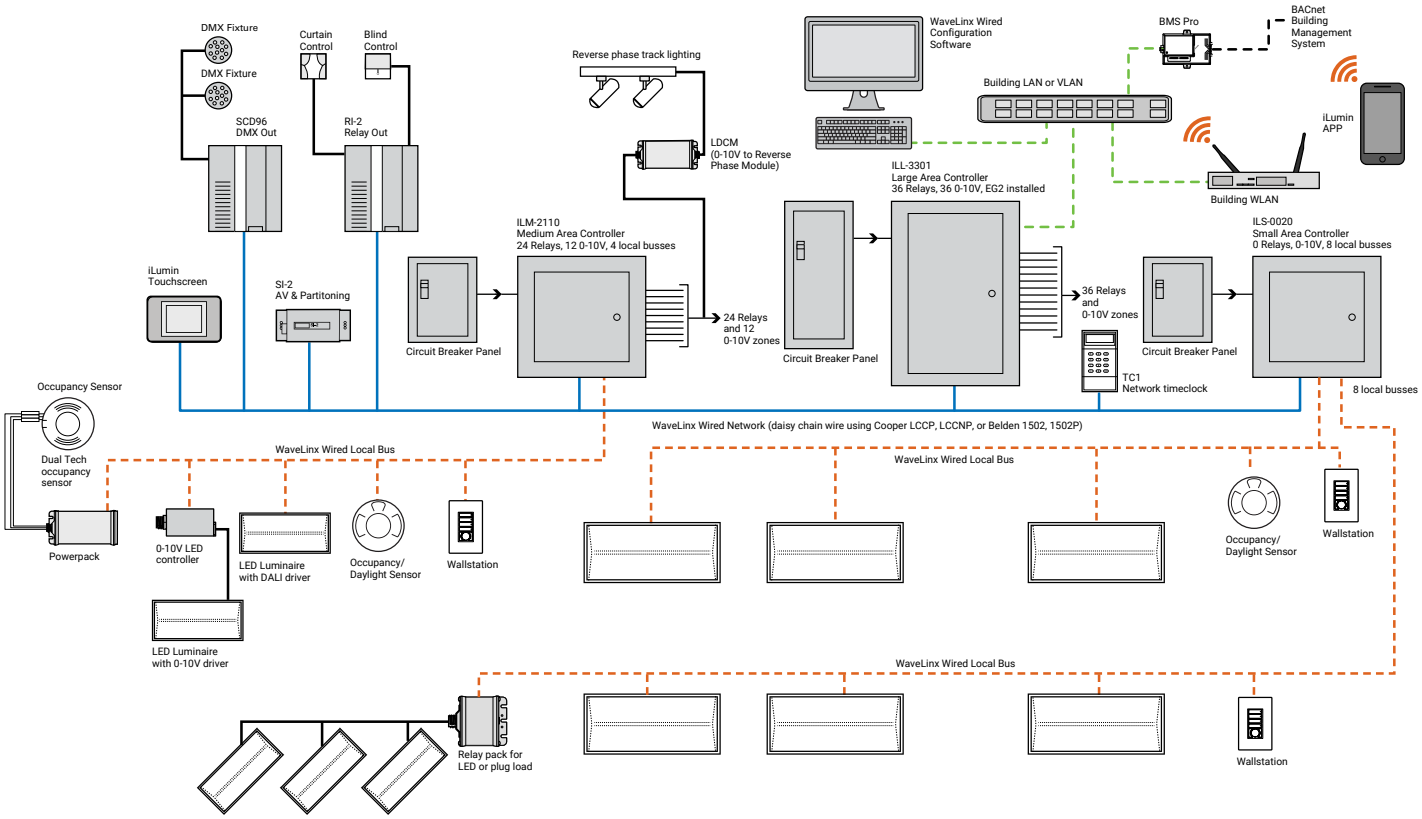


System architecture

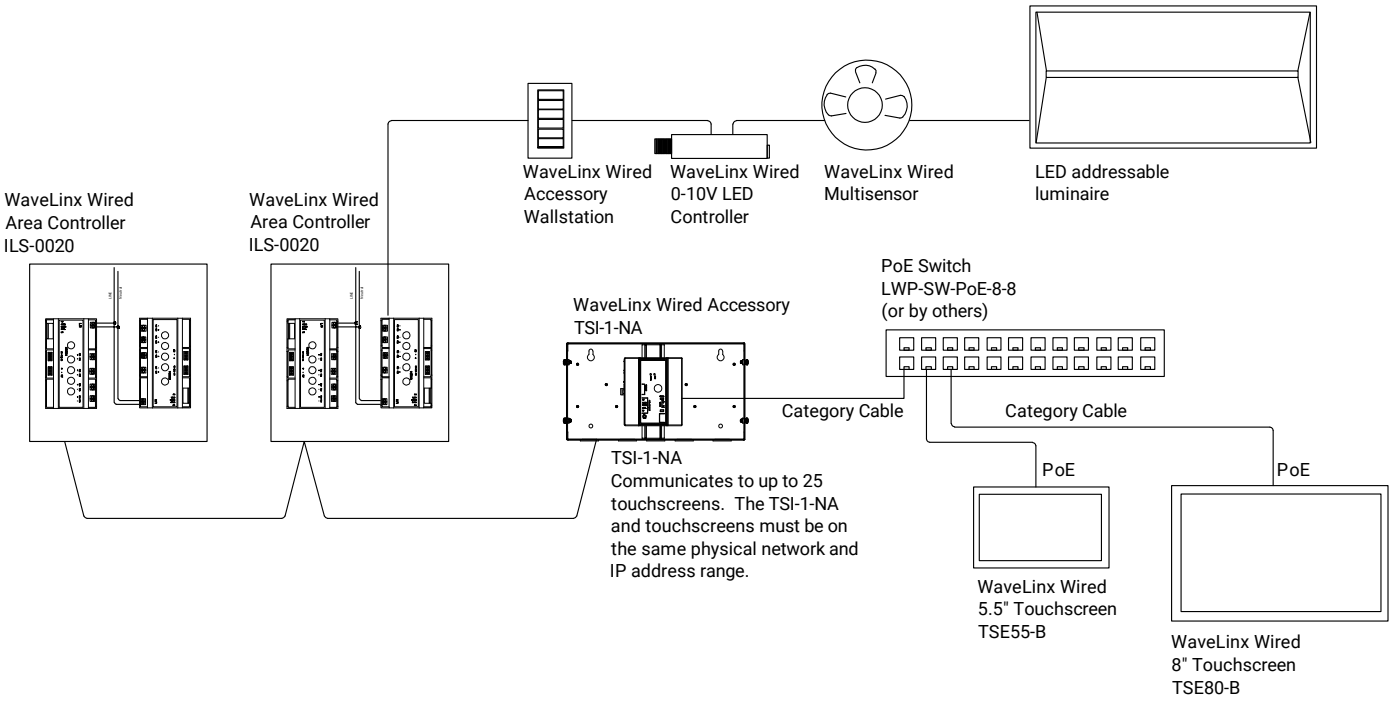
Simple WaveLinx Wired system



Complete WaveLinx Wired system



Typical schematic



Sample System Topology:

This diagram shows the main components of the WaveLinx Wireless and Wired Connected Lighting system.

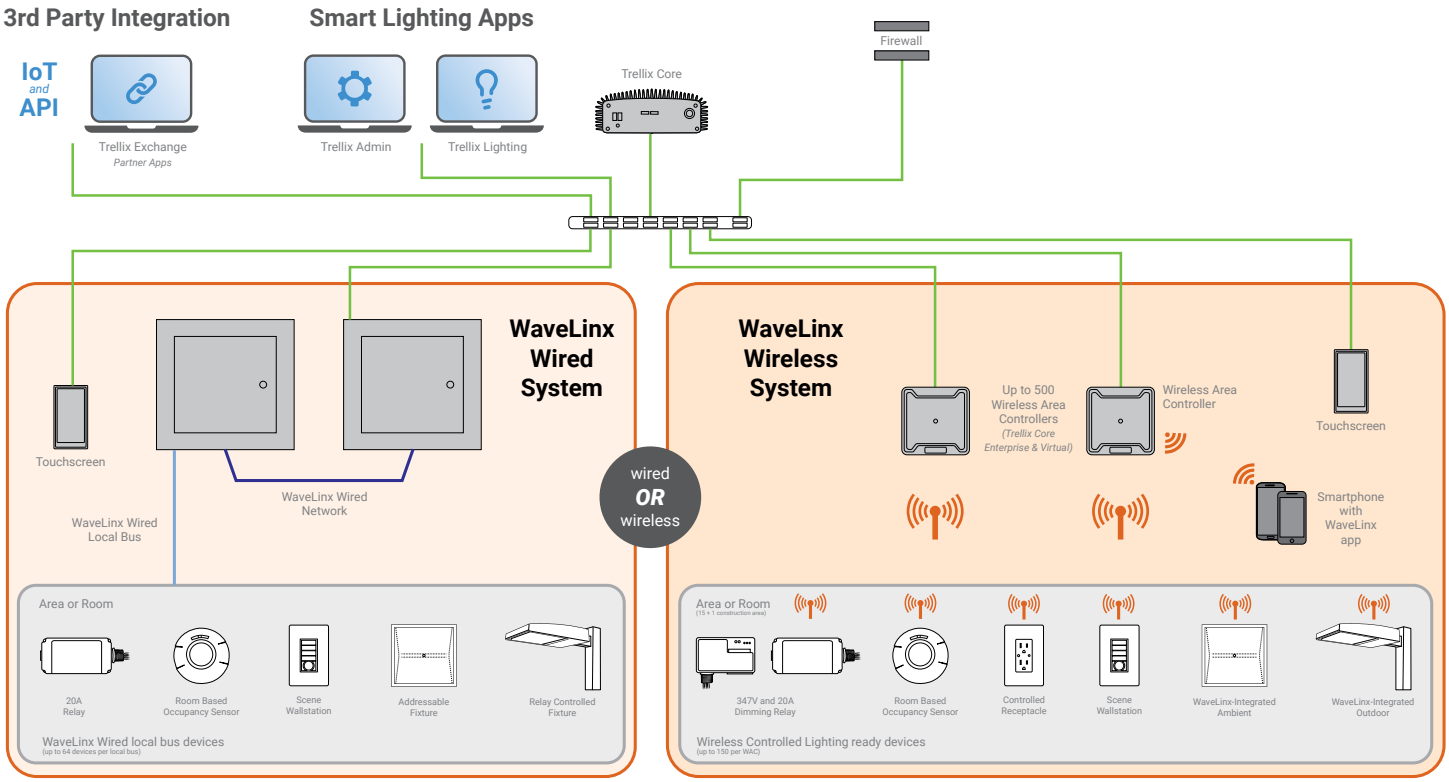
The **WaveLinx wireless system** communicates using wireless mesh technology based on the IEEE 802.15.4 standard. A PoE LAN connection for each Wireless Area Controller (WAC) is required for power and data access to the building lighting network.

The **WaveLinx wired system** controls the devices using relay, 0-10V, DMX and the WaveLinx wired digital local bus. The WaveLinx wired system connects to the building LAN using the EG2 module. Each WaveLinx wired area controller communicate on the WaveLinx wired network. The WaveLinx wired network supports over 60,000 devices.

The Trellix Core, WaveLinx Area Controllers (WAC) and WaveLinx Ethernet Gateways (EG2) communicate with each other over the Ethernet network.

Please refer to the WaveLinx Wireless Network and IT Guidance Technical Guide and WaveLinx Wired Network and IT Guidance Technical Guide for more information.

View WaveLinx Network and IT Guidance Technical Guide



Control Systems

- Trellix
- WaveLinx Wireless
- WaveLinx Wired
- VividTune

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