SMART LINX

SOFTWARE SPECIFICATIONS

GRAPHICAL USER INTERFACE

Intuitive easy to use, secure, 100% web based GUI.
Displays devices in both a table and map view.
Displays different devices with individual icons.
Allows users to selecting objects individually or by drawing a polygon in the map view.
Allows users to create and save logical groups of devices as Bookmarks.
Supports user configurable dashboard based on user rights and permissions.
Geo Fences to assist with auto commissioning.
User selectable mapping sources.
Mobile friendly utilizing single button access.

ASSET MANAGEMENT

Stores asset information for all device types. (lighting and non-lighting)
Flexible user configurable device data models.
Enables users to group devices by region.
Enable users to add, move and duplicate devices.
Flexible user customizable inventory lists utilizing a built-in query language.
Flexible user customizable data export and import.
Light Points support automatically calculating CLO (Constant Lumen Output).

REAL TIME CONTROL / SCHEDULING

Real Time actions password protected.
Real Time Control of individual or group control of devices.
Real Time display and storing of metering information for individual or group of devices.
User defined multi event Dimming Programs with 1% dimming increments and 1 minute resolution.
Dimming Programs support ON/OFF and DIM state that can be modified in response to dynamic inputs.
User defined Schedules with different Programs on different calendar day.
Scheduler supports creating schedules based on Daily/Weekly/Monthly or special events.

REPORTING AND ALERTS

Flexible user configurable reports based on user defined inventory lists.
Flexible Energy Reports between specific dates, aggregated by Day/Week/Month/Year.
Reports can be filtered by Region.
Displays failures by region, user definable failure levels: Error, Warning and Event and displayed by colour.
Data History of any device can be displayed in a graphical view and exported as a PDF or CSV.
Multiple devices can be displayed in Data History to assist with troubleshooting.
Create reports that include a summary and health of assets.
All reports can be scheduled at recurring times utilizing the Automation Center or run on-demand by the user.

AUTOMATIONS AND ANALYTICS

Automation Center to allow users to defined custom business logic specific to their needs.
Automation Center includes building blocks for Events, Notification Action, Ticket Actions, Analytics, Command Actions and Active Period.
Automations allows for the update or generation of maintenance tickets.
Automations allows for the generation of notifications to an individual users or groups of users via email or SMS.
Automations can be filtered by Region.
Automation allows for the generation of notifications at the expiration of a timer or scheduled on a specific time and date.
Automation allows for the generation of notifications based on the analysis of incoming data.
Automation allows the user to create custom Data Processing.
Automation supports user generated one-time or recurring reports.
SmartLinx supports heat maps analytics of RMS Voltage, Power Factor, Active Power and Temperature.

USER MANAGEMENT, ROLES & PERMISSIONS

User Management to limit users to specific Role and Group Permission.
User Roles to limit user to specific Applications and Devices.
User Permissions to limit user to Create, Update and Delete devices.
Supports Active Directory, SAML 2.0
Extensive audit trail by user, time stamp and activities.

SMART CITY

SmartLinx supports TALQ2 Protocol for lighting.
SmartLinx supports TALQ2 protocol for smart parking sensors, traffic sensors, air quality sensors, and waste management sensors.
SmartLinx supports Open Smart City Protocol (OSCP).
SmartLinx has an extensive robust API for data exchange.

All information provided is subject to change without notice.