ecue
Symphonlink
Intelligent Illumination for
a Connected, Sustainable, and Adaptive Future
TRAXON | ecue
MEMBER OF PROSPERITY GROUP

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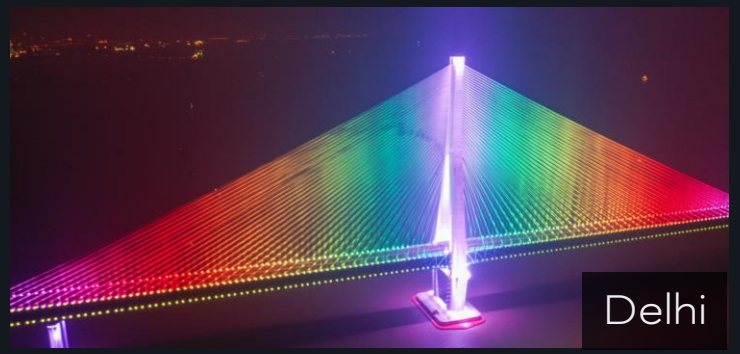
We are a global leader in lighting technology and lighting management systems

Symphonylink

Architectural

Landmark

Bridges



Smart cities

Stadiums And Arenas

Hospitality

Our History

Sympholink

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2022

OSRAM
Acquired Traxon e:cue

2009 - 2011

Traxon becomes an e:cue shareholder

2006

Traxon HQ moved to Hong Kong

2003

Traxon switch to professional architectural lighting

2002

e:cue LIGHTING CONTROL
Founded in Paderborn, Germany

2001

traxon
Founded in Frankfurt, Germany

1995

traxon | e:cue
Formed a global entity

2008

Symplolink

Award-Winning Excellence

Global Knowledge, Local Wisdom

Global Landmark Projects

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Solution-Driven Innovation

Full Spectrum Lighting Management System

Circular Sustainability

Our Full Spectrum of Lighting Management Systems

Symposium

Sympholink

A smart general lighting management system for indoor applications, built for future smart buildings.

Symposium

A powerful outdoor lighting management system designed to control dynamic façade and architectural illumination with precision and efficiency.

Symphocity

A comprehensive smart management platform provides deep insight and control over all Sympholight projects and future Sympholink projects.

Our Full Spectrum of Lighting Management Systems

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A smart general lighting management system for indoor applications, built for future smart buildings.

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A façade lighting management system designed to control dynamic architectural lighting projects.

Symphocity

A comprehensive smart management platform provides deep insight and control over all Sympholight projects and future Sympholink projects.

Sympholink Introduction

Why Symposlink

Symposlink is a smart general lighting management system built for next-generation buildings.

Value Creation:

Data-Driven Lighting for Smarter Buildings

One System for Every Scale and Space

Symposlink

Why Symposlink

Data-Driven Lighting for Smarter Buildings

Supports DALI-2 & D4i standards over both wired and wireless connections, enabling real-time data transmission and future-proof integration.

Symposlink

What is D4i?

Data for Enhanced Asset Management & Performance Monitoring

- D4i (DALI for Intelligent) is an extension of DALI-2 certification.
- D4i enables DALI Inside intelligent, IoT-ready luminaires.
- All D4i LED drivers provide luminaire, energy & diagnostics data.

Part 251 – Luminaire Data

Part 252 – Energy Reporting

Part 253 – Diagnostics & Maintenance

Why Symposlink

Data-Driven Lighting for Smarter Buildings

Symposlink

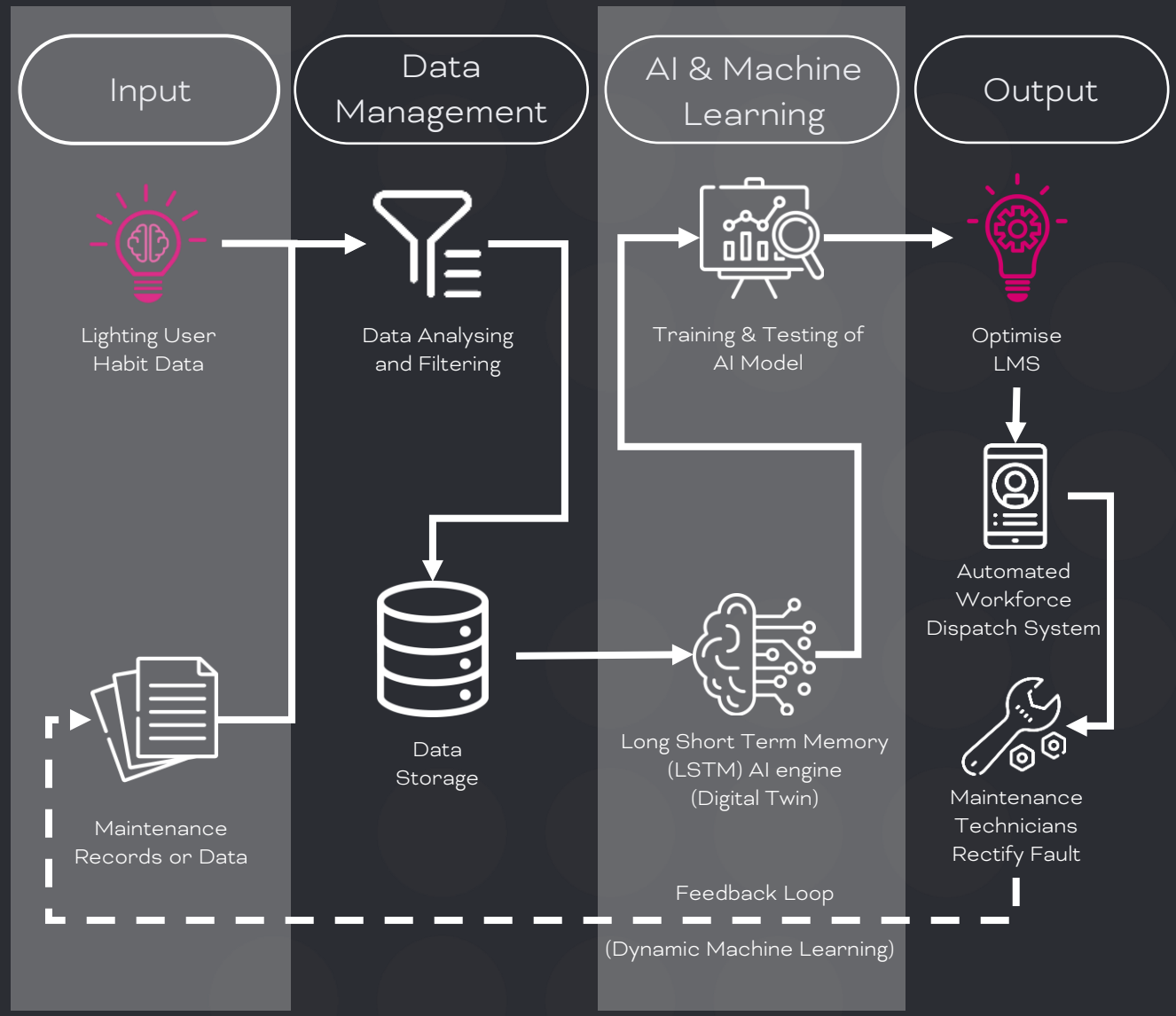
Lighting is everywhere in the facility, and with a comprehensive range of sensors tailored for diverse applications, it enables seamless data flow and system-wide optimization from every angle

Why Symposlink

Data-Driven Lighting for Smarter Buildings

An IoT-ready architecture connects effortlessly with third-party systems via open API, unlocking full scalability and future AI integration.

Symposlink



Why Symposlink

Symposlink

One System for Every Scale and Space

Symposlink adapts to any scale, it ensures efficient management across your entire project.

Small Scale

Manage lighting in a single office

Medium Scale

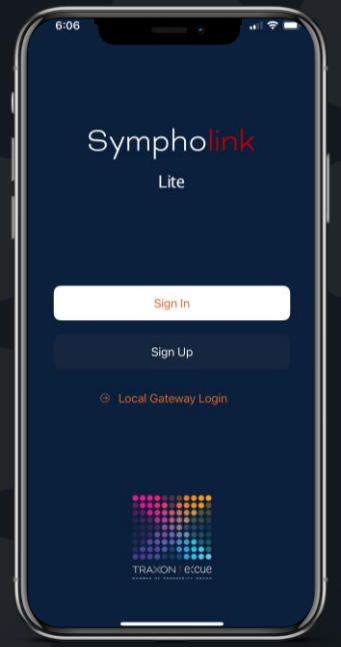
Manage lighting in a single building

Large Scale

Manage lighting within multiple buildings

Symposlink Lite

- Zigbee Wireless Connectivity
- App-Based Control & Monitoring
- Easy upgrade to Symposlink system
- Full Hardware Reusability



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Symposlink

On-Premise Server

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Symposlink

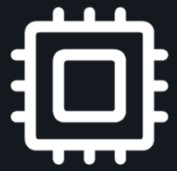
Private Cloud Server

Sympholink Software

Key Features

Symphonlink

Beyond Lighting Management



Unified Management Platform

Smart & Friendly Interface

Predictive Maintenance

Insightful Energy Dashboard

Prompt Technical Support

Scalable System Design

Key Features

Symphonlink

Beyond Lighting Management

- Lighting / Emergency / Environment Subsystems
- Advanced Monitoring & Smart Switching for Subsystems

Unified Management Platform

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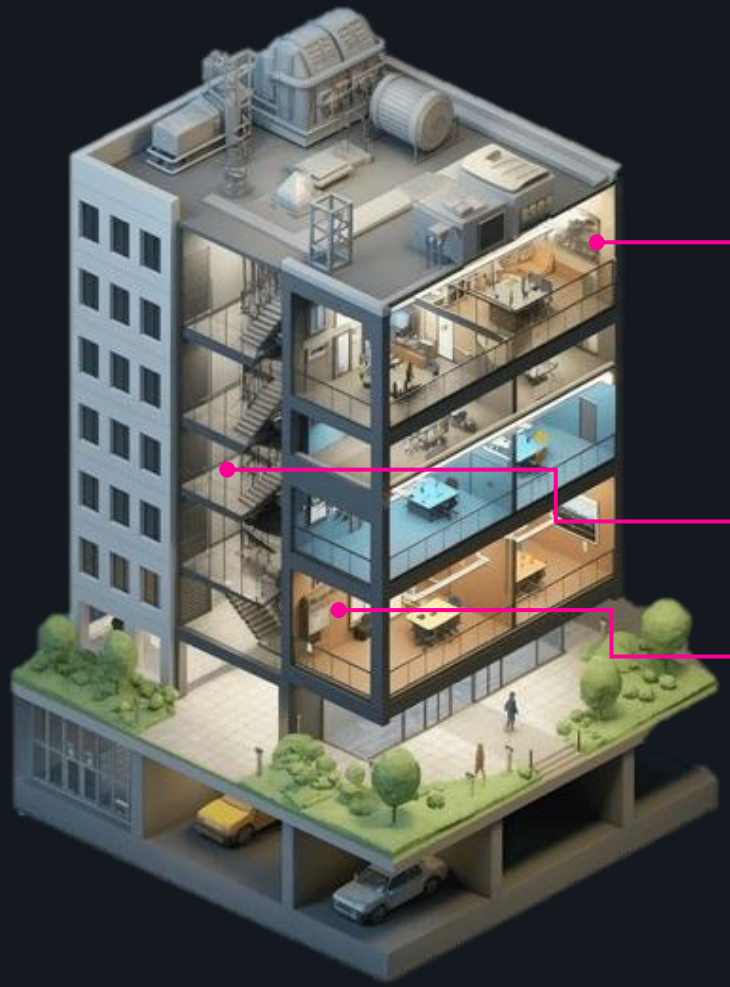
Key Features | Beyond Lighting Management

Symphonlink



Control Keypads

and more

Lighting Subsystems

Motion sensor

Dimming

Relay

Curtain Driver

Emergency Subsystems

Emergency Battery Inverter

Water Leakage Monitoring

Smoke Monitoring

Environmental Subsystem

Carbon Monoxide Detection

Temperature and Humidity Monitoring

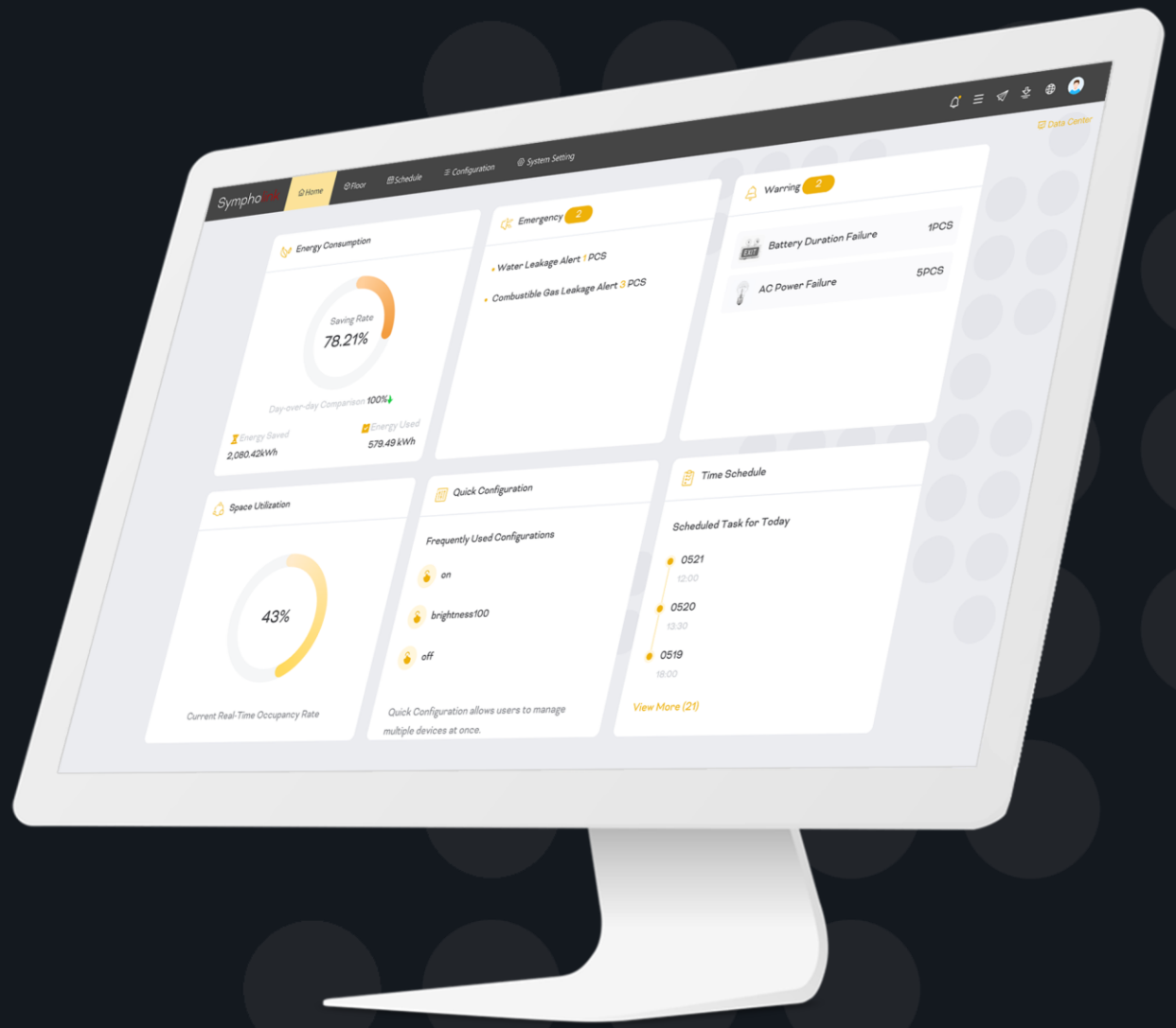
Thermostat

Key Features | Beyond Lighting Management

Symbolink

Comprehensive Monitoring & Adaptive Switching

- Gain complete oversight of subsystem operations across every space and floor.
- Allows customized switching for more precise and efficient monitoring and control.



Key Features

Symphonlink

Beyond Lighting Management

Unified Management Platform

- Effortlessly Integrate Multiple Protocols Across Gateways.
- Seamlessly Connect with External Systems for a Unified Lighting Ecosystem.

Smart & Friendly Interface

Predictive Maintenance

Insightful Energy Dashboard

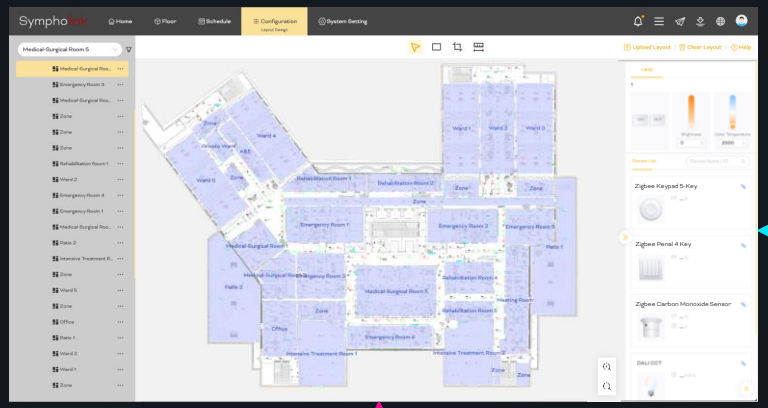
Prompt Technical Support

Scalable System Design

Key Features | Unified Management Platform

Symphonlink

Symphonlink



Control Distribution

DALI-2 Controller

Occupancy Sensor

Daylight Sensor

Light

Dali to phase Dim Convertor

Dali to 0-10V Convertor

Light

Light

API Connection

BACnet

Zigbee Gateway

zigbee

BMS/CCMS

Fire Service System

HVAC

Parking System

..... and more

Light

Temperature and Humidity Sensor

Water Leakage Sensor

Smoke Sensor

Carbon Monoxide Sensor

Key Features

Symphonlink

Beyond Lighting Management

Unified Management Platform

Smart & Friendly Interface

- Smart Floor Plan Integration for Efficient Device Setup
- Centralized Device Management for Seamless Control

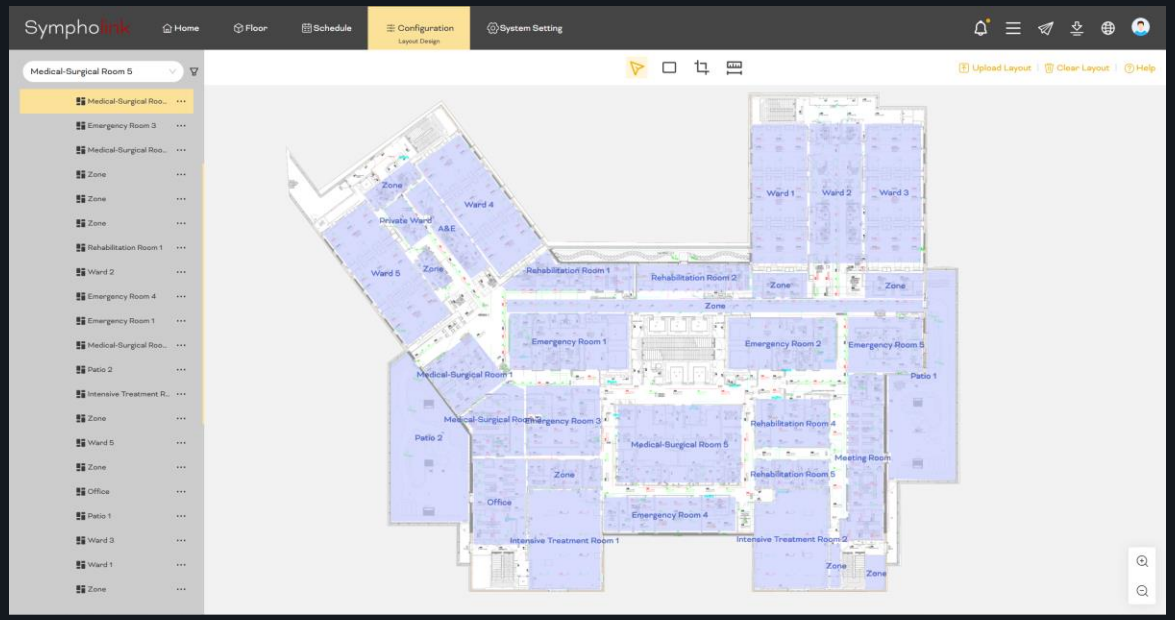
Predictive Maintenance

Insightful Energy Dashboard

Prompt Technical Support

Scalable System Design

Key Features | Smart & Friendly Interface



Smart Floor Plan Integration for Efficient Device Setup

- Effortlessly **import** actual floor plans in **CAD**, PDF, JPG, or PNG formats
- Flexibly **drag and drop** function to create layouts and define custom-shaped zones for tailored configurations
- Set scale ratios to ensure accurate, proportional placement of devices based on the physical environment

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Key Features | Smart & Friendly Interface

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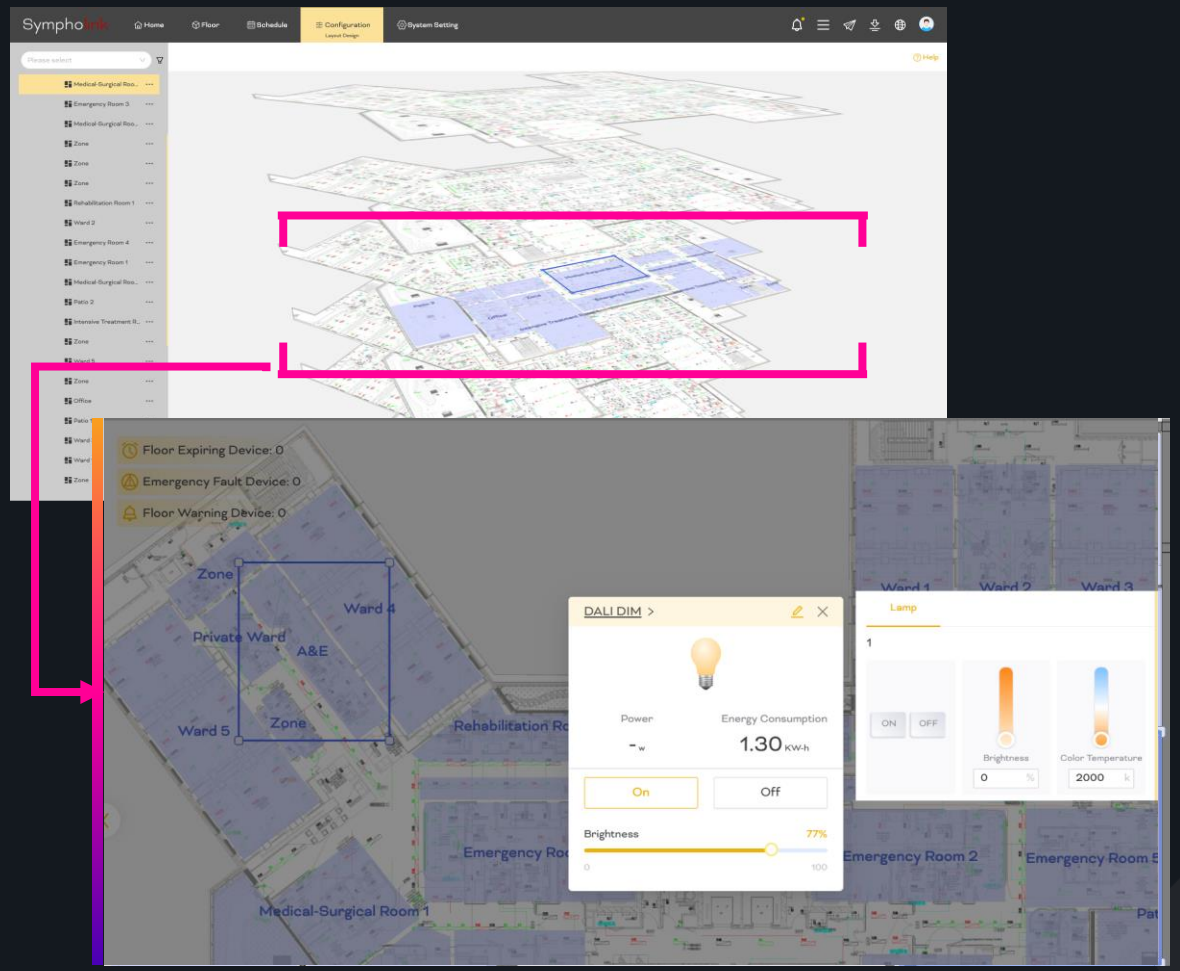


Centralized Device Management for Seamless Control

- **Real-time status** display for comprehensive oversight.
- Instant alerts for any equipment abnormalities within designated areas.
- Customized control and management for each zone's specific needs.

Key Features

Symphonlink

Beyond Lighting Management

Unified Management Platform

Smart & Friendly Interface

Insightful Energy Dashboard

Prompt Technical Support

Scalable System Design

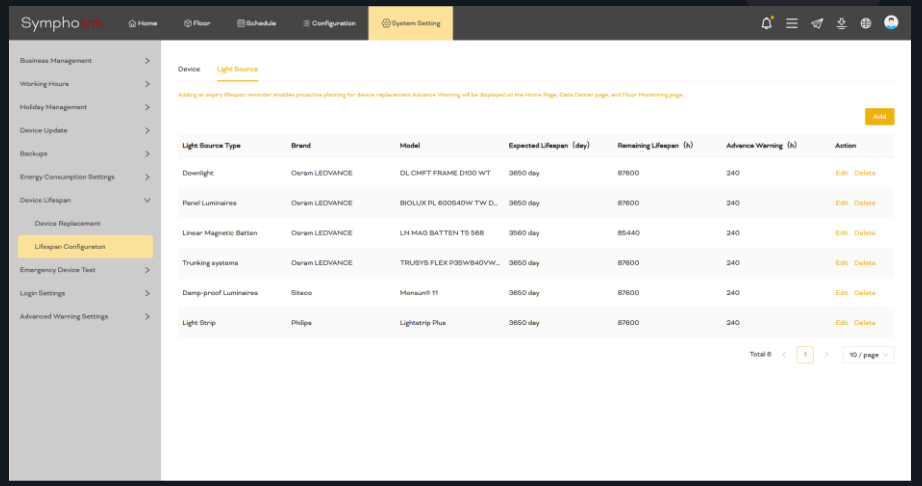
Predictive Maintenance

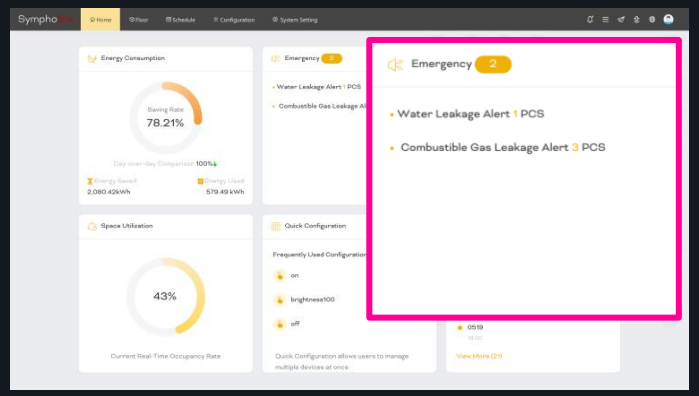
- Real-time Monitoring And Early Warning
- Equipment Life Prediction
- Emergency Device Automated Testing

Key Features | Predictive Maintenance

Symbolink

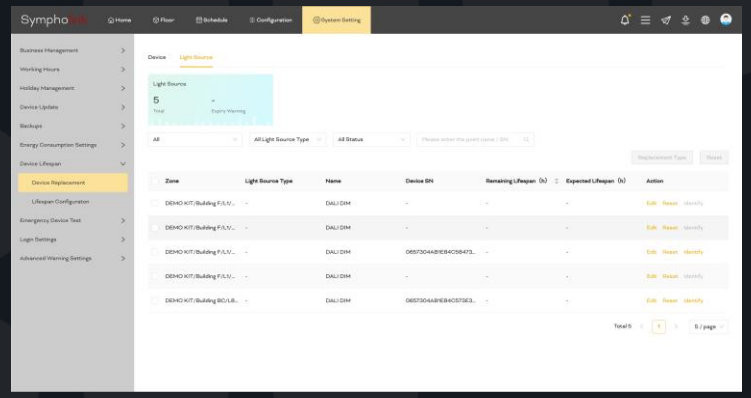
Lighting and Devices
Lifespan Overview





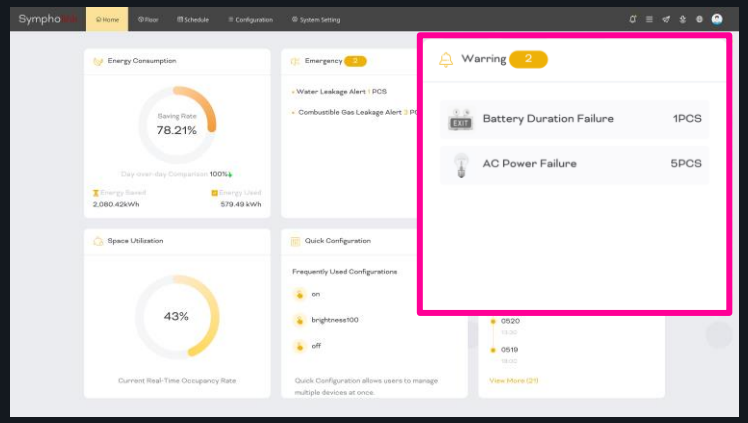
End of Life Notification

Lifespan Reset
Replacement

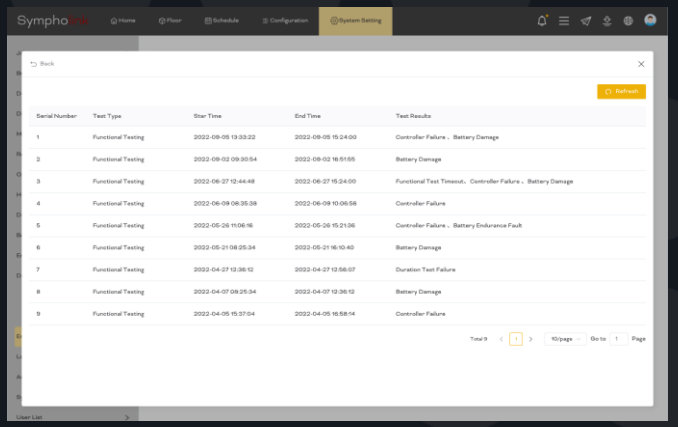


Key Features | Predictive Maintenance

Symbolink

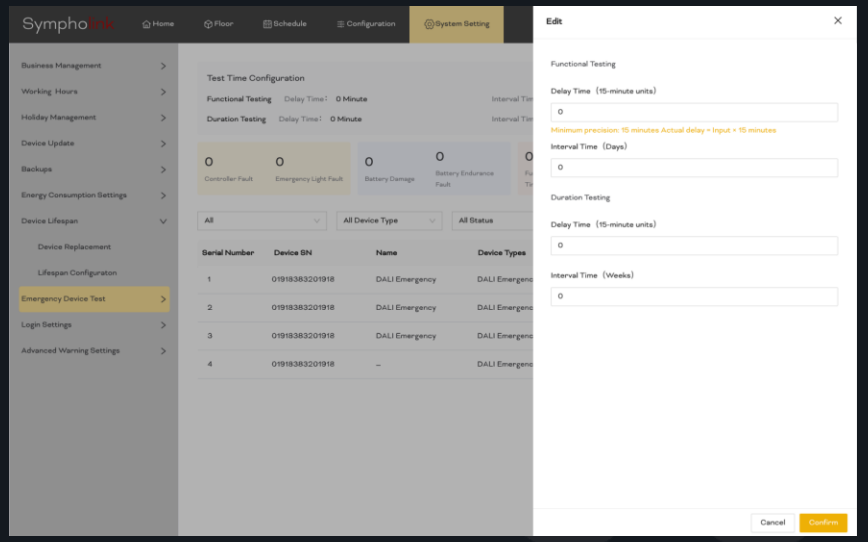


Emergency Battery Device
Failure Notification



Reports: Analyse
Test History

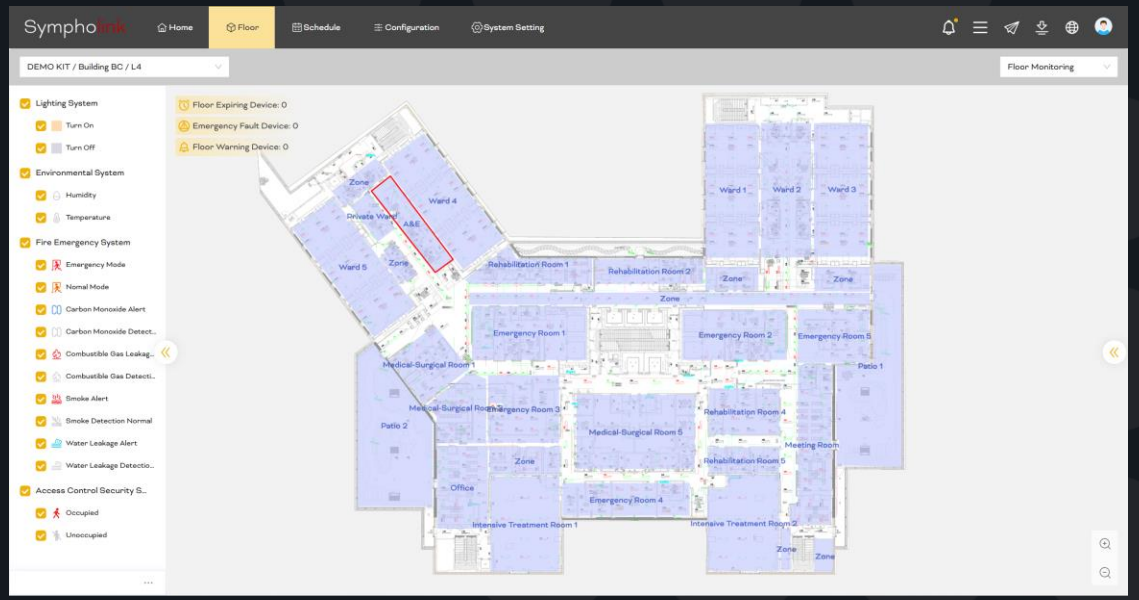
Scheduling the **Functional Testing** & **Duration Testing**



Key Features | Predictive Maintenance

Symplolink

Overall Status View In Real-time



Floor Level Detail

Key Features

Symphonlink

Beyond Lighting Management

Unified Management Platform

Smart & Friendly Interface

Predictive Maintenance

Insightful Energy Dashboard

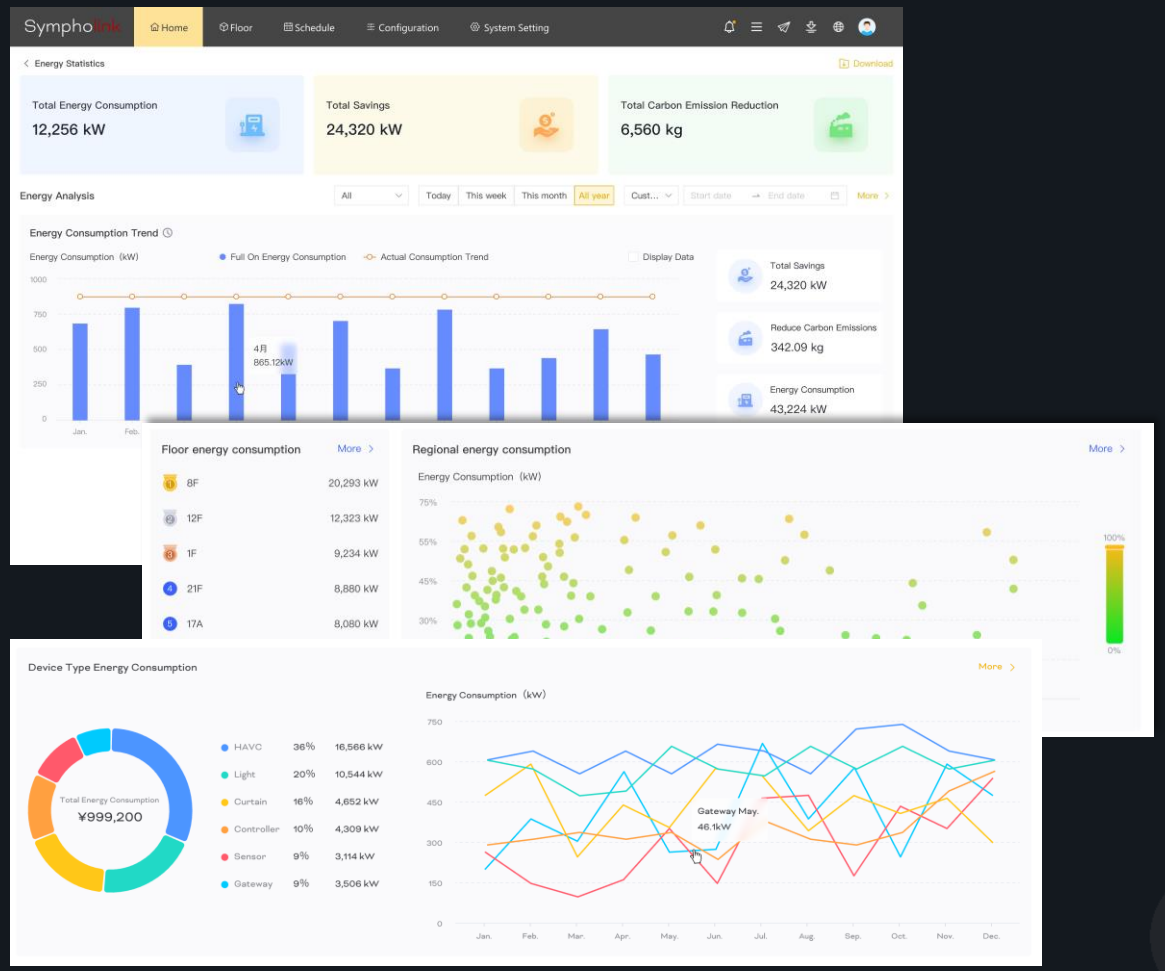
- Energy Consumption Statistics
- Space Utilization Statistics

Prompt Technical Support

Scalable System Design

Key Features | Insightful Energy Dashboard

Symplolink



Energy Consumption Statistics

- System Energy Consumption Statistics:
  - View total usage, savings, and carbon reduction.
- Floor Energy Consumption Statistics:
  - Monitor consumption by floor.
- Energy Analysis:
  - Track trends, emissions, peak/valley periods, and equipment efficiency.

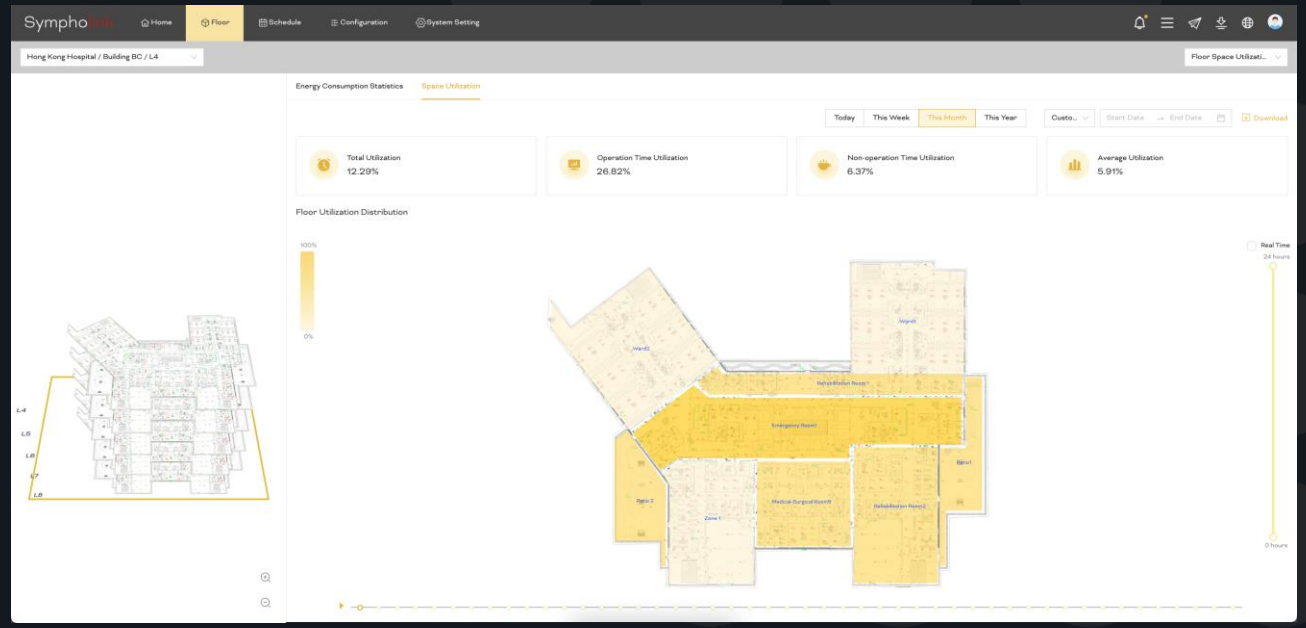
Key Features | Insightful Energy Dashboard

Symplolink

Space Utilization Statistics

(Motion Sensor is Required)

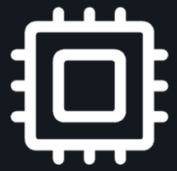
- Heat Map
  - Access real-time and historical data on space usage.
- Seamless Navigation
  - View space utilization insights through Floor Monitoring.
- Data-Driven Optimization
  - Analyse trends to enhance efficiency and resource allocation.



Key Features

Symphonlink

Beyond Lighting Management



Unified Management Platform

Smart & Friendly Interface

Predictive Maintenance

Insightful Energy Dashboard

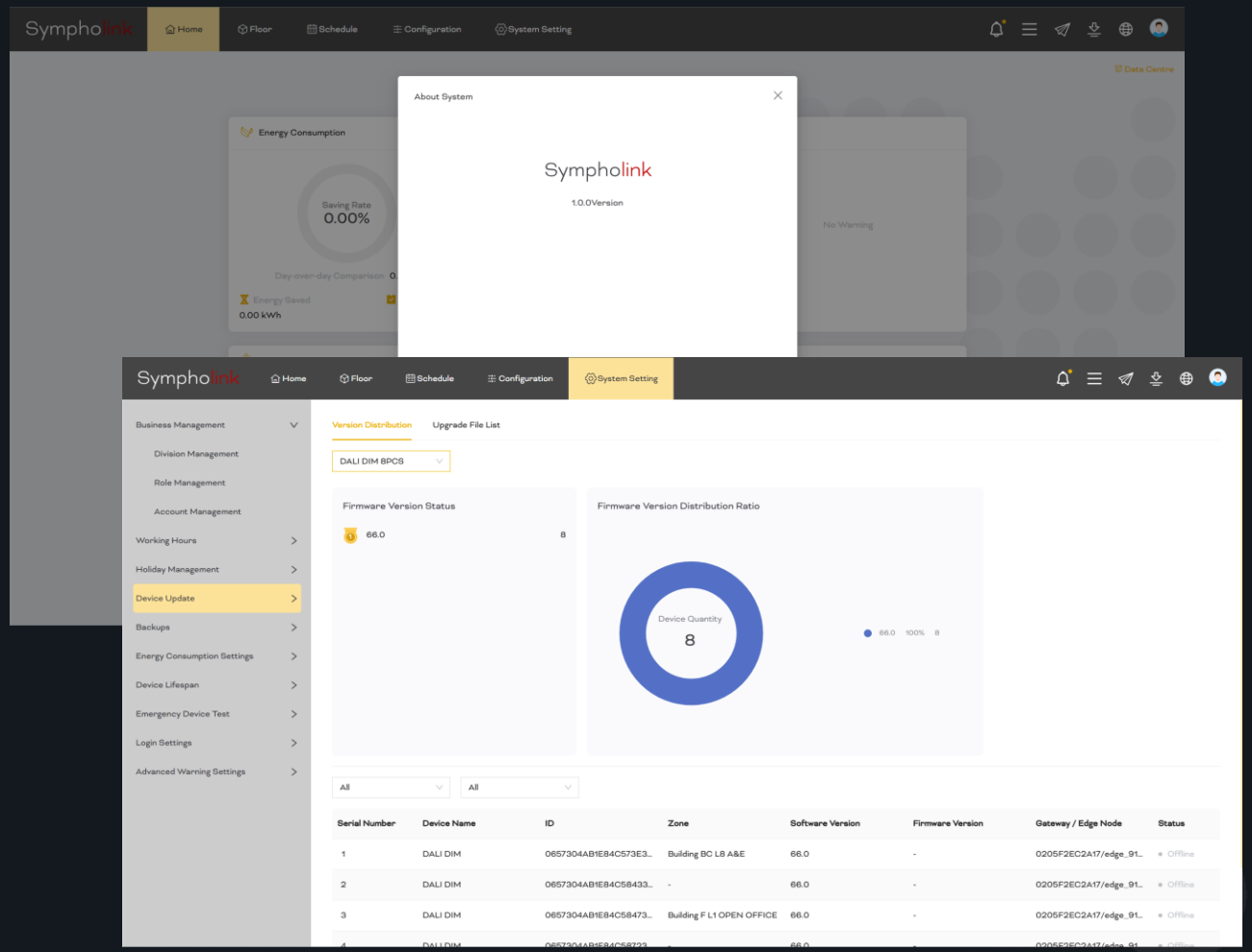
Prompt Technical Support

- Effortless Upgrades with Endless Potential

Scalable System Design

Key Features | Prompt Technical Support

Symbolink



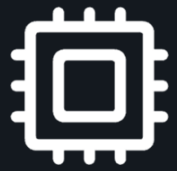
Effortless Upgrades with Endless Potential

- Always Up-to-Date
  - Latest software and firmware updates will be available for improved performance and new features.
- Smart Version Control
  - With ensured compatibility, track and verify updates for reliable system performance across all connected devices.

Key Features

Symphonlink

Beyond Lighting Management



Unified Management Platform

Smart & Friendly Interface

Predictive Maintenance

Insightful Energy Dashboard

Prompt Technical Support

Scalable System Design

- Multiple Deployment Methods
- Multi-site Monitoring

Key Features | Scalable System Design

Symphonlink

Single-site use, on-premises deployment, stable, safe, and reliable

Unified management of multiple projects, private cloud deployment

Key Features | Scalable System Design

Symphonlink

Symphonlink
Output Device

Status, Time,
Energy Consumption,
Power

Symphonlink
Input Device

Status, Time,
Sensor Data

Symphonlink
Gateway

Ethernet

Responding and
Synchronizing Data

Network
Switches

Building A

Building B

Building C

More...

Private Cloud
Server

Data Storage

Internet

Symphonlink

Managing and
Monitoring Devices

Ethernet

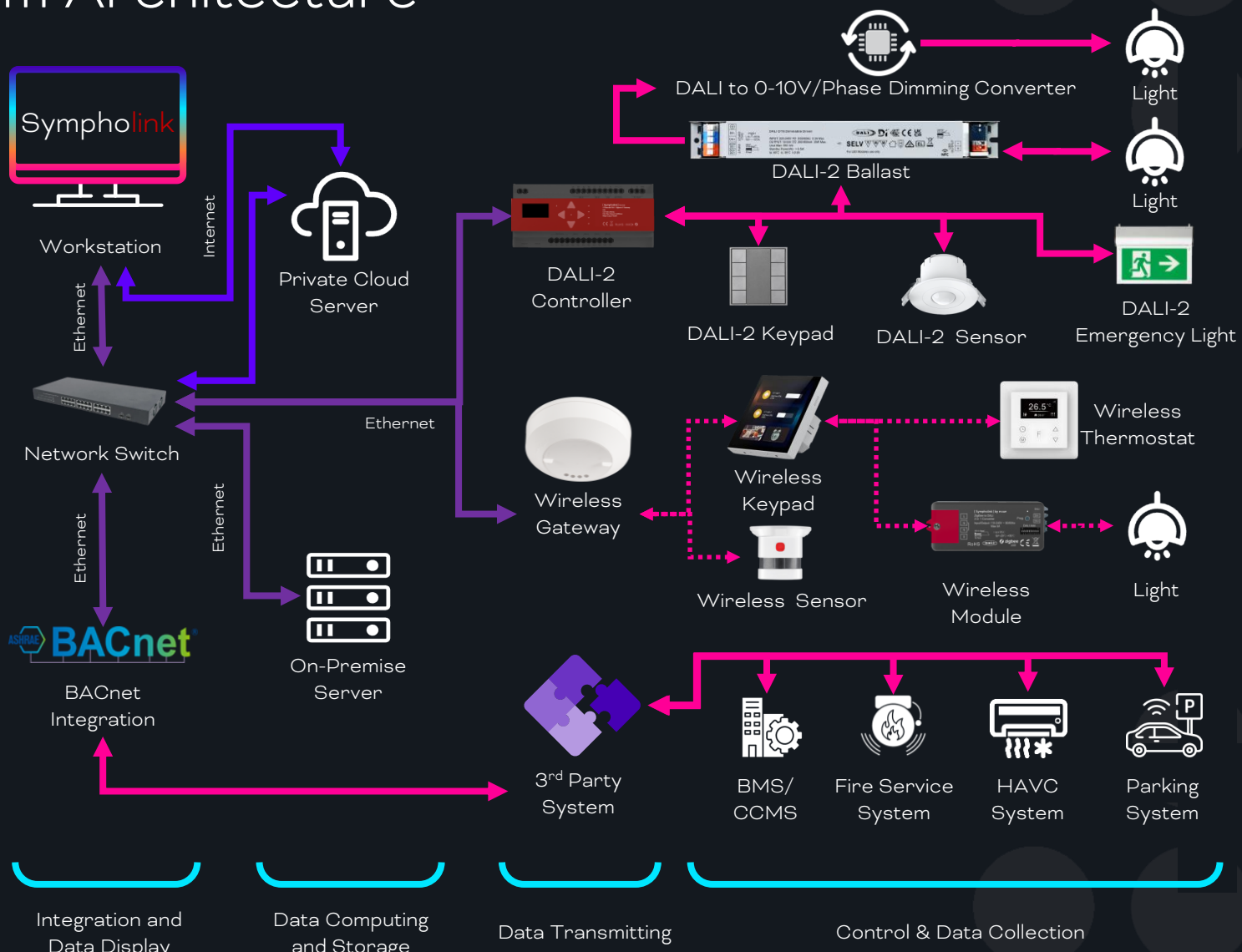
On-Premise
Server

Data Storage

Ethernet

Sympholink System Architecture

System Architecture



Symphonlink

Wired

DALI 2

KNX

Wireless

zigbee

DALI+

Bluetooth MESH

Communication

BACnet

Modbus

API

Note: Protocols marked with an asterisk (*) are coming soon.

Intelligent Illumination for

a Connected, Sustainable, and Adaptive Future

Contact us

Symbolink

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Symphonlink

Thank you