The background of the advertisement is a photograph of a modern building's interior, featuring a prominent glass-enclosed staircase. The staircase is illuminated with vibrant, multi-colored lights (blue, green, and red) that create a dynamic and futuristic atmosphere. A woman in a dark dress is seen walking up the stairs. The building's facade is composed of large glass panels, reflecting the interior lights and the surrounding environment. In the top left corner, there is a close-up of a modern, cylindrical light fixture.

**PHILIPS**  
dynalite 

Networked Controls

System Software

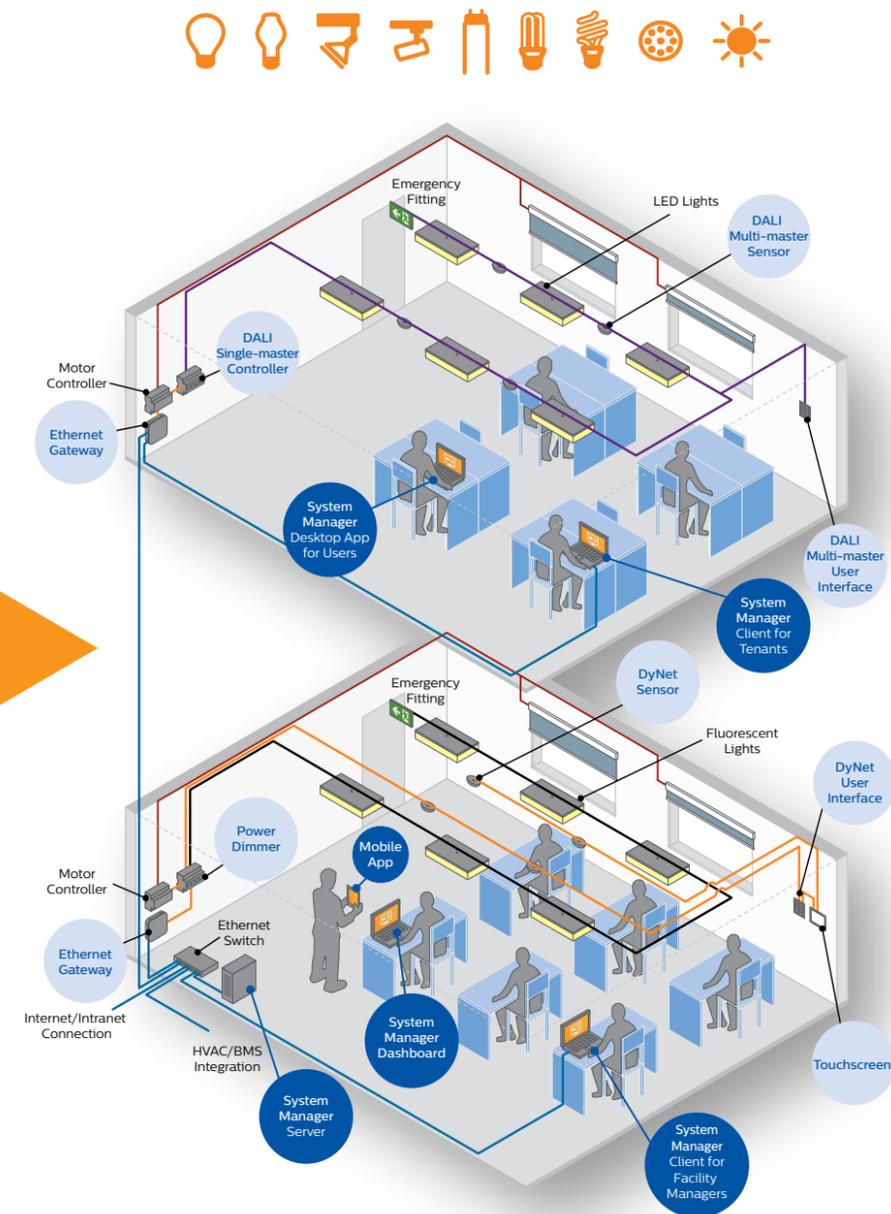
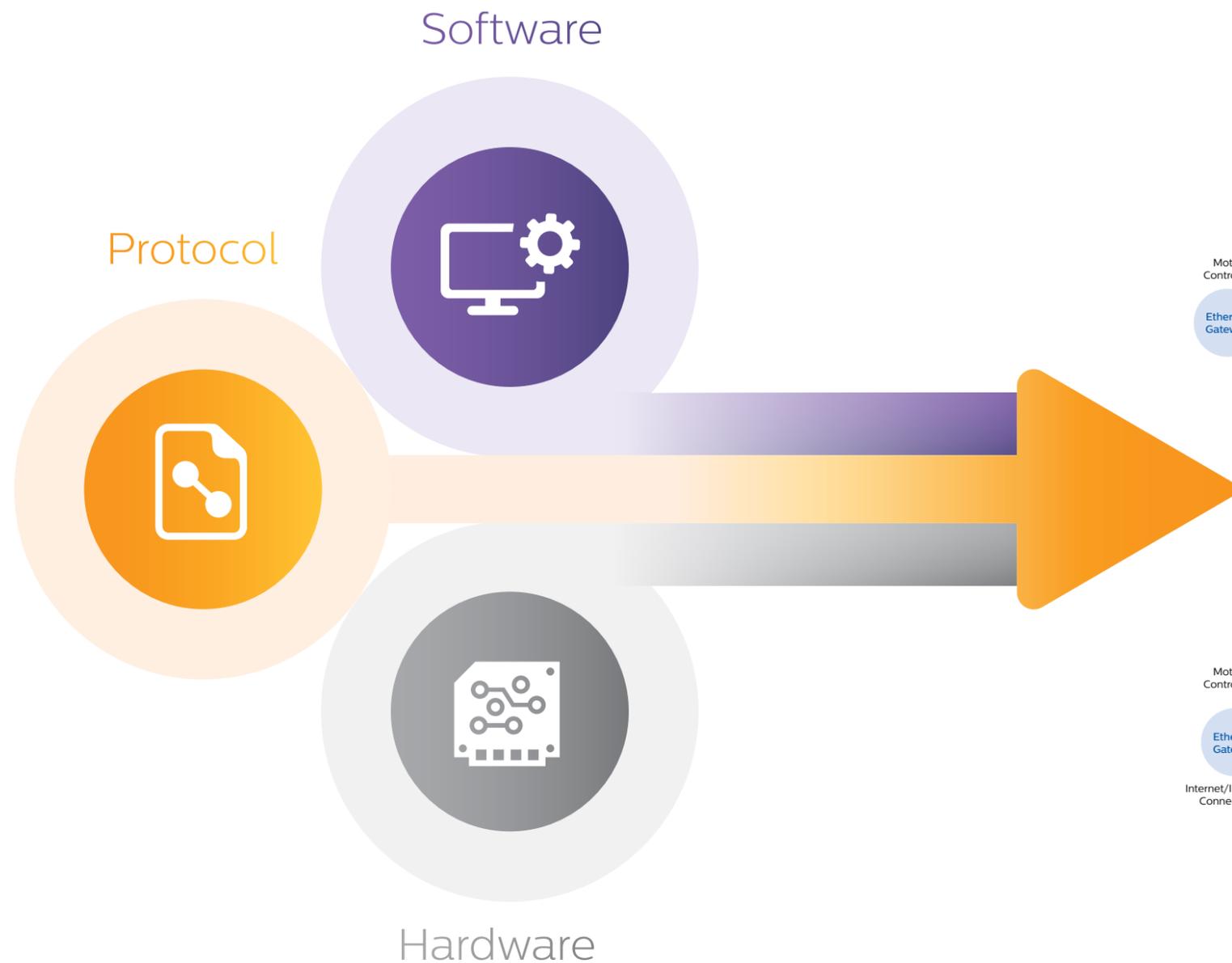
# See your building in a new light

Adaptable lighting management for an ever changing world

# Building control made easy

Scalable hardware and software designed to work together from the ground up, liberates your project to be able to deploy intuitive, energetic, and creative environments that empower occupants and reduce lighting running costs.

No matter the size of your system, our software is ready to help you take control.



Dynalite systems provide a complete control solution for your building. Our hardware and software combine seamlessly, simplifying end-to-end project delivery, optimizing your time and reducing ongoing maintenance costs.

All Dynalite system components – hardware, protocols and software are developed together in-house by our dedicated research and development teams. This ensures they directly complement each other granting every device on the network access to all the system features and functions as needed.

- Dynalite's software suite consists of:
- **System Builder** for design, quotation, device configuration and diagnostics.
  - **System Manager** for ongoing control, management and maintenance of your lighting control and building automation system.

These two applications are the result of decades of both innovation and continuous improvement, built from the ground up to focus exclusively on the Dynalite product portfolio. This ensures consistent configuration and operation across our entire hardware range, with full visibility and control of every device on the network.



# System Builder

Streamline end-to-end delivery with features for every market segment. Build layers of functionality with area and scene control, add user interfaces, sensors and timeouts, create dynamic area joins, scale your project, and enjoy seamless integration with other systems.

System Builder is an all-in-one system design and configuration tool, taking you from planning and quotation all the way through to your completed system.

Within this single powerful application, is everything you need to directly configure each component of the Dynalite system and define the interconnections between them.

This software tool will assist you to create a design for your project, including device selection, component counts and

cable layouts. It will then build the configuration file to deploy on site and provide System Manager with everything it needs to know about your project.

This seamless transition between the design and commissioning and head-end software, ensures a streamlined process from your first ideas to a fully implemented systemwide solution.



**Area management:** Assign multiple lighting fixtures into area collections, for coordinated group control.



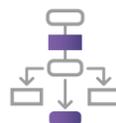
**Schedule creator:** Create scheduled events for the system to execute autonomously.



**Diagnostic tools:** Gain insights into system performance and test functionality.



**Project quotation:** Apply inbuilt pattern recognition software to project plans to create a network design while automatically generating foundation files for commissioning.



**Conditional logic engine:** Build and deploy distributed logic specific to your project's needs, using inbuilt templates or a custom design.



**Multidimensional view:** show systems in both building or network format to gain the perspective you need to reveal simple and straightforward solutions.



**Integration:** Coordinate with a range of third-party services to bring true automation to your project, including sharing statuses and control with building management systems.



**DALI emergency:** Specialized emergency lighting management, set up, testing and reporting.



**DALI addressing:** Apply our unique method of rapid DALI addressing to take the guesswork out of DALI enumeration.



**DALI toolbox:** Ensure that both DALI and non-DALI components work seamlessly across the system with intelligent alerts and maintenance tools.



**Project templates:** help fast-track system commissioning with the ability to create, save and reuse specific configurations.



**User interface editor and touchscreen UI designer:** Create your ideal interface to give end users access to advanced lighting functionality with simple touch.



**Scene editing:** View and manage available channels within an area in real time to set the perfect scene, regardless of the control type.



**Editable dimming curves:** Adjust fade times to match any lamp type for a smooth, consistent response when changing scenes.



**Sensors:** Remotely manage Dynalite network sensors with dynamic response to occupancy and ambient light levels, as well as scheduled events and time-dependent behaviors.

# System Manager

Multilingual, rapid deployment end-user software helps facility managers to keep the building 100% functional at all times.

System Manager is the dedicated head-end software for Dynalite systems. With direct access and oversight across the entire system, this application presents the most advanced and powerful features in an intuitive and representative format, enabling true end user ownership of system operations.

System Manager is completely oriented around the ultimate end user experience, and restricts exposing them to the

system's complexities, by providing an intuitive and easy to follow step-by-step process for each operation.

System Manager includes detailed reports of energy usage, lighting status, and system performance, paired with an easy-to-use console and clear and concise floor plans. This powerful feature set enables you and your staff to make changes to the system, plan maintenance and room cleaning, and respond quickly to faults with minimal training.



**Real-time status and control:** Adjust and save lighting scenes for any area. Tag any combination of areas for group control.



**System visualization:** Bookmark your favorite locations and zoom level views on the floor plan.



**Intuitive interface:** Quickly change lighting levels, blind/curtain positions, and temperature setpoints anywhere in the system.



**System monitoring and reporting:** Create custom reports for any or all parts of the system.



**User management:** Set user access profiles and role-based permissions. Enable facility managers and tenants to easily control and manage system behavior in any defined part of the building.



**Customized pages for each user:** You can customize page layouts, backgrounds, console buttons and attach multiple actions to a button. Dynamic console buttons update in realtime.



**Energy usage reporting and analysis:** Compare different areas and historical statistics with interactive energy usage graphs. View system health, energy usage, upcoming scheduled events, and recent alerts on the dashboard.



**System upgrades:** Self-installed software and firmware upgrades to ensure you always have access to the latest features.



**Lamp management:** Change the shape of control zones and regroup fixtures with a few clicks – no technicians needed.



**DALI management:** Automatically run regular DALI emergency ballast tests and generate test reports. DALI ballast replacement wizard makes maintenance simple enabling the replacement one or many DALI fittings simultaneously.



**Seamless integration:** Extend control and monitoring functions to other integrated systems with a choice of gateways and APIs.



**Improved maintenance, planning, and execution:** Share alert notes to streamline troubleshooting. Get notified via email when lamps and ballasts are close to end-of-life, reducing maintenance and service call-out costs.



**Energy optimization:** Automatically change the behavior of lights, window coverings, and HVAC based on occupancy and light levels. Schedule shorter sensor timeouts after hours than during trading hours to save energy.



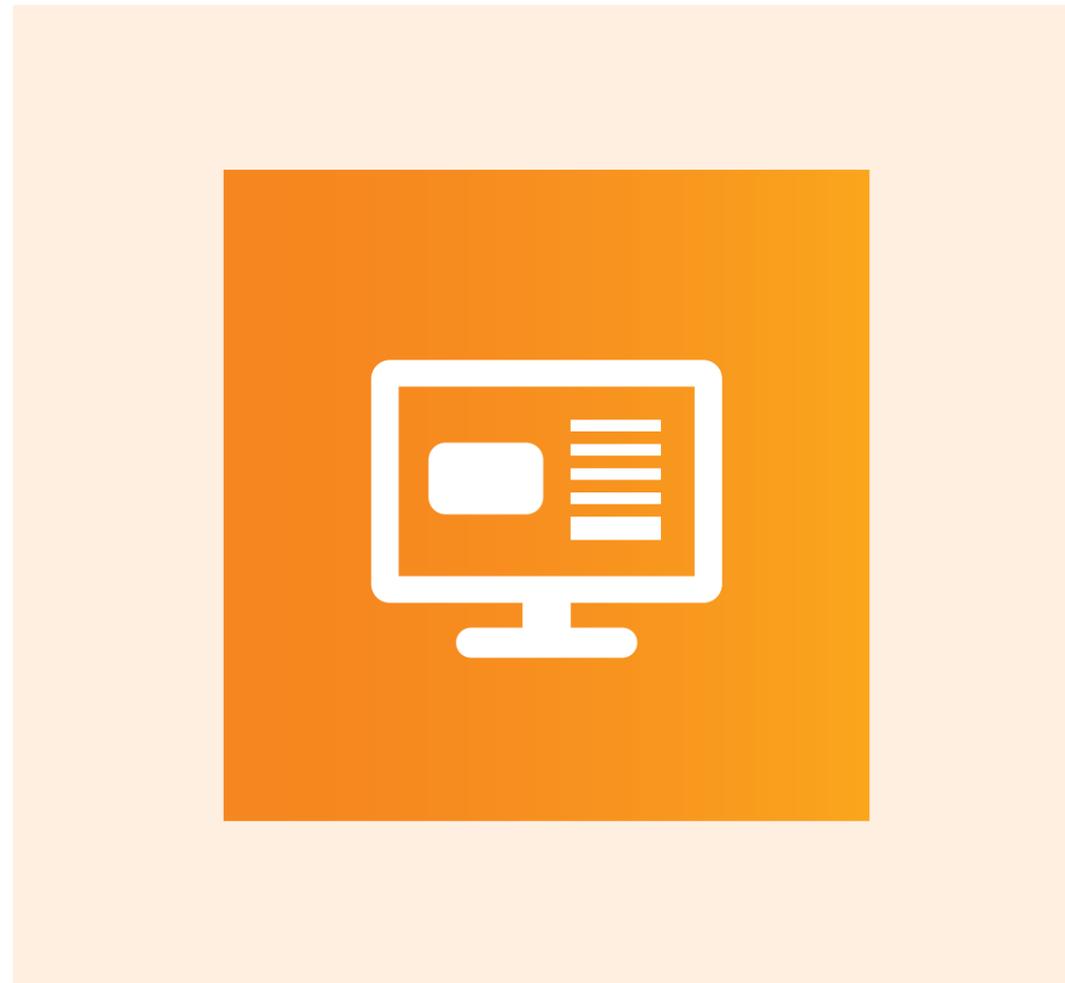
**Simple overviews:** See the current state of all lights in real time on the floor plan view. Occupancy heat maps show how often spaces are used.



**System integrity:** Monitor network messages and connections to maximize system uptime.



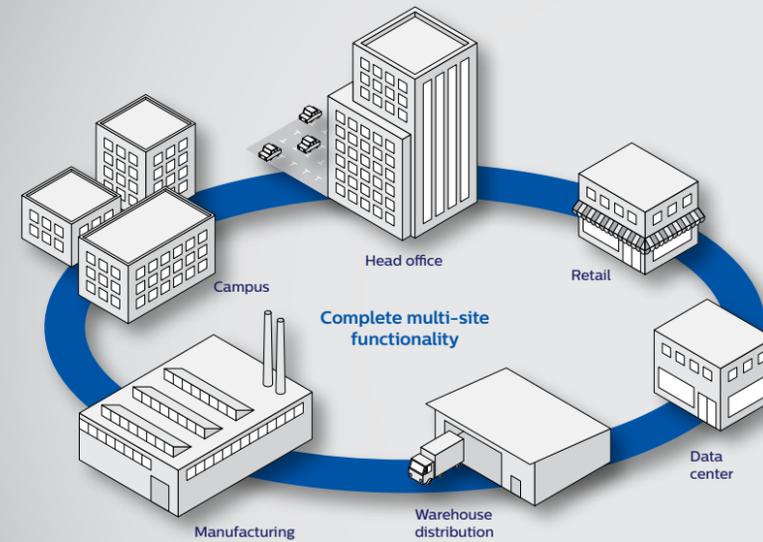
**App control:** Give occupants control over their environment with our end-user apps, or use our API to make your own apps.



# A Connected World

The world is more interconnected than ever, necessitating secure access to data and centralized monitoring of multiple sites. With our combination of dedicated hardware and supporting software, Dynalite is ready to deliver secure interconnected systems.

Both our hardware and software have passed some of the industry's strictest security tests, enabling confidence that only authorized users can access the system.



## The power of scale

Our software is able to handle thousands of control zones for any size building and is capable of multi-site applications to manage lighting for a national or even global property portfolio from one location.

The size of a Dynalite system is practically unlimited. If your project needs to span the world, we are ready to make it happen.

## Multi-site management

With over 150 remotely connected sites across the United Kingdom, one Dynalite customer is using System Manager to remotely monitor and manage each store as if they were standing onsite.

## Mission critical applications

Dynalite technology powers the lighting for the smooth day-to-day running of airports and hospitals across the globe.

## Flexibility and responsiveness

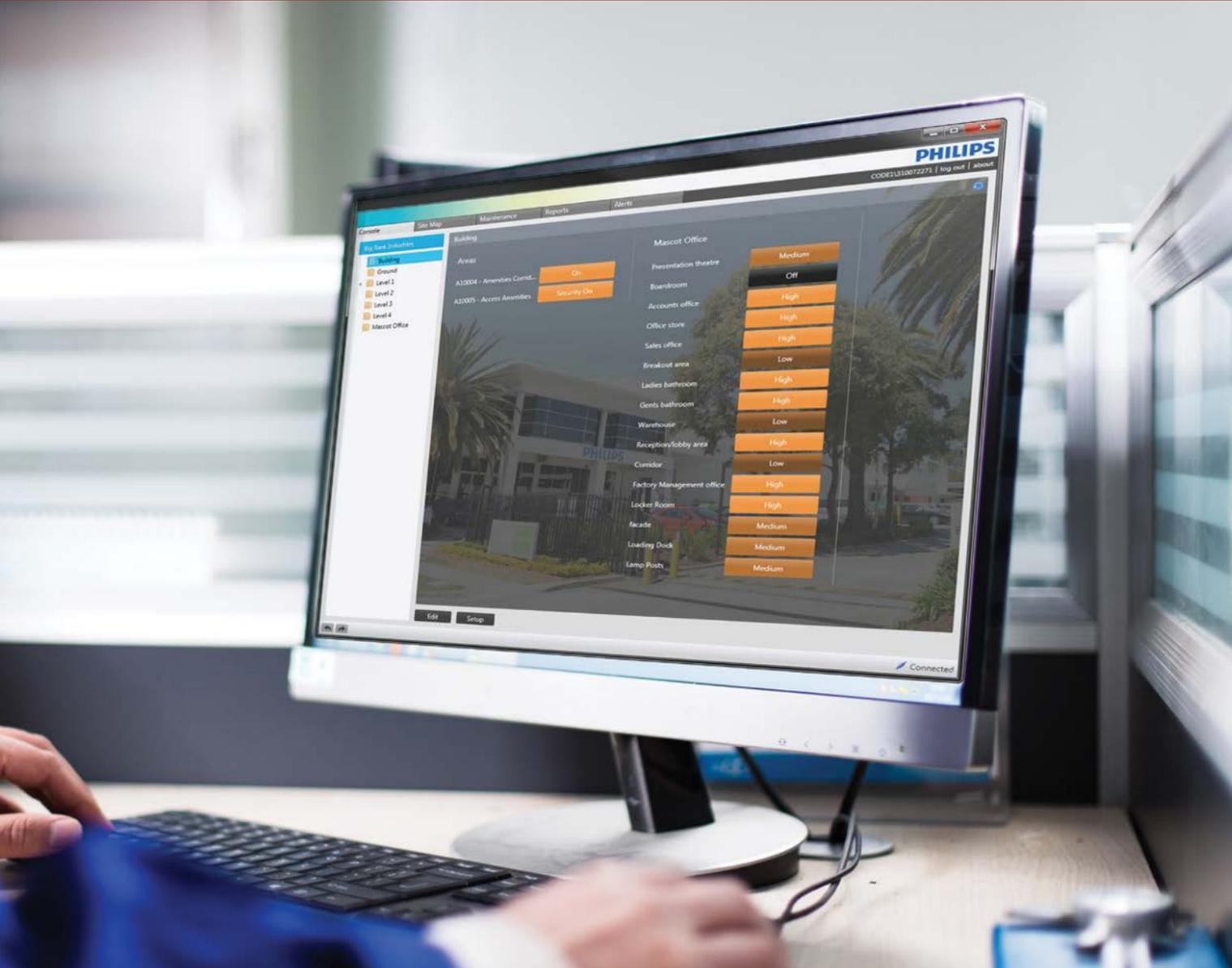
With 150,000 square meters of floor space, over 280 retail outlets, and 50 eateries, attracting 20 million visitors a year. A London shopping mall uses System Manager to control and monitor over 5,500 lighting groups, including DMX fixtures for events and shows.

## Energy monitoring

The system controls HVAC, lighting, and electrical sockets in hundreds of apartments and common areas at a Saudi Arabia University. System Manager monitors the electricity usage of each apartment, successfully reducing energy consumption by up to 30% through occupancy control, scheduling, and daylight harvesting.

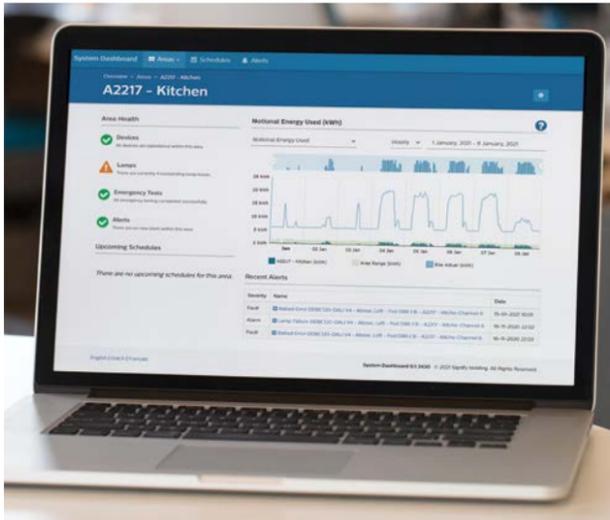
# The future of high performance buildings

Management tools labeled in plain language and graphical representations of the system bring all features to the customer with point-and-click simplicity.



With a single software suite supporting our entire product portfolio we offer a truly consistent approach to lighting management. This allows your team to focus on delivering reliable lighting controls and building automation systems. The same winning combination of hardware and software has been applied to many different segments including hospitals, offices, retail outlets, hotels, car parks, warehouses, private homes, and even fisheries, each with its own unique

challenges, requirements, and scale. With over 25 years of experience in software-configurable network lighting control. Dynalite systems have been performance-tested in thousands of real world applications across six continents. Our software is continuously evolving to adapt to the latest technologies and feature needs and is ready to take on any challenge the market can dream up to build better buildings.



# Case Studies



## Pudong Airport – China

World's largest satellite terminal at 622,000 m<sup>2</sup> with 83 jet bridges and 90 boarding gateways.

Project delivered by Shanghai Hitop Technology.

### Functionality requirements:

- Monitor and manage all lighting via System Manager
- Scheduled and manual lighting override for each gate's waiting area
- Ethernet backbone connecting multiple DyNet networks

### System:

- 38 x DALI universes
- 11,000+ relay switching channels
- 700+ sensors
- Integration with airport management systems



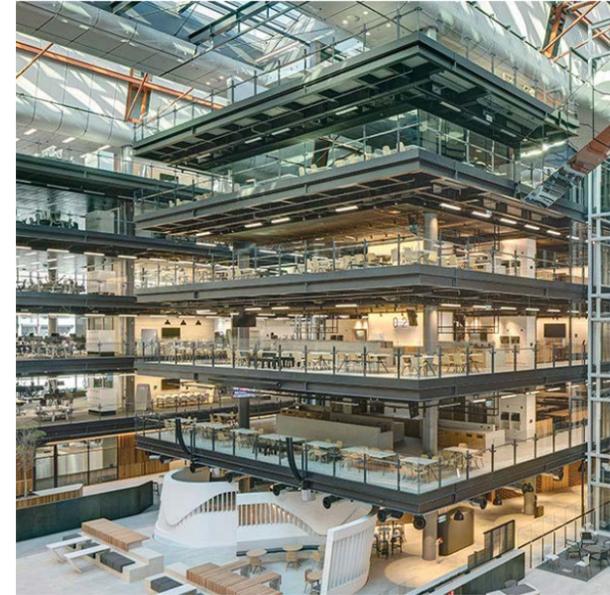
## Perth Stadium – Western Australia

60,000 seat capacity around a 165x130 m field.

Built as a multipurpose stadium to support multiple sports and events, the entire complex is a versatile entertainment precinct.

### Lighting Statistics:

- 650 RGB LEDs for halo roof effect
- 1.4 km of RGB strip lighting for the façade
- 621 RGB fittings within the 500m arbor
- 22,000+ LED fittings System
- 368 DALI universes coordinated together
- 1,300 sensors
- 350 Antumbra control panels
- BACnet BMS integration and AMX AV system in corporate booths
- System Manager software
- Automated scheduled events
- Override and editing of scenes
- Active monitoring of lamp health and lamp life expectancy for proactive maintenance



## Commonwealth Bank Campus – Sydney, New South Wales

Spread over two buildings covering over 93,000 m<sup>2</sup> intended to house 11,500+ staff in a sustainable and inviting office space that takes advantage of the natural sunlight through large internal atriums.

Project delivered by Automated

### Functionality requirements:

- DALI lighting control
- BACnet integration for emergency lighting monitoring and management
- Daylight harvesting on external and atrium areas
- AV integration
- System Manager running schedules, emergency testing, and 96,000 OPC integration points

### System:

- 750+ DALI universes
- 3,200+ Sensors
- 450+ Antumbra
- 1,500 BACnet points



## Swissôtel – Singapore

Swissôtel is a five-star hotel committed to providing an outstanding guest experience and enhancing employee satisfaction with smart room control technology, while maximizing operational and energy efficiency.

### Project overview:

- 1,261 Rooms
- Integration to HVAC, blinds, and Oracle Opera
- All rooms monitored via industry-leading Interact Hospitality Dashboard, giving staff easy access to all of Interact Hospitality's advanced features

### Hardware and feature details:

- Custom finish Antumbra user interfaces with unique labelling
- Each room individually connected to the LAN
- Sensors monitor guest movement to detect occupancy, trigger anti-stumble nightlights, and manage bioadaptive wake-up lighting



[www.lighting.philips.com/dynalite](http://www.lighting.philips.com/dynalite)

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