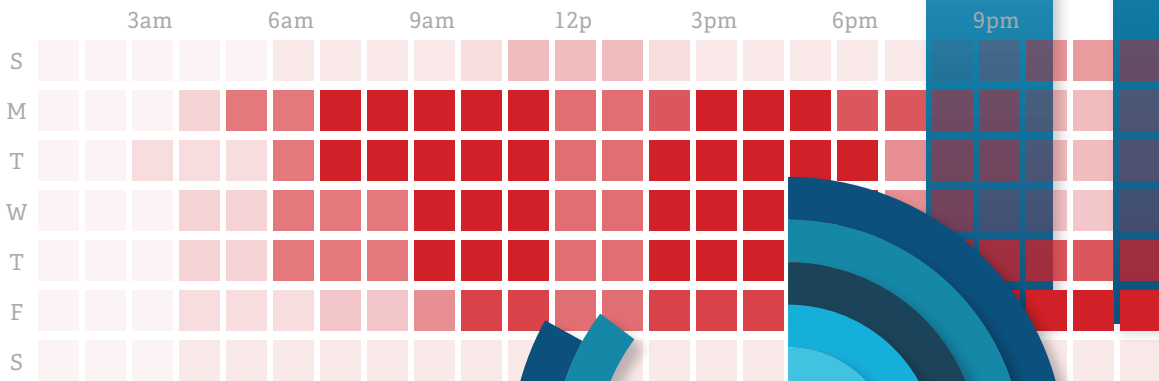




Energy Cost: Occupancy:

Last 7 Days	\$432	19%
Last 30 Days	\$1,913	24%
Last 90 Days	\$5,813	21%



Manufacturing
Loading Dock
Office



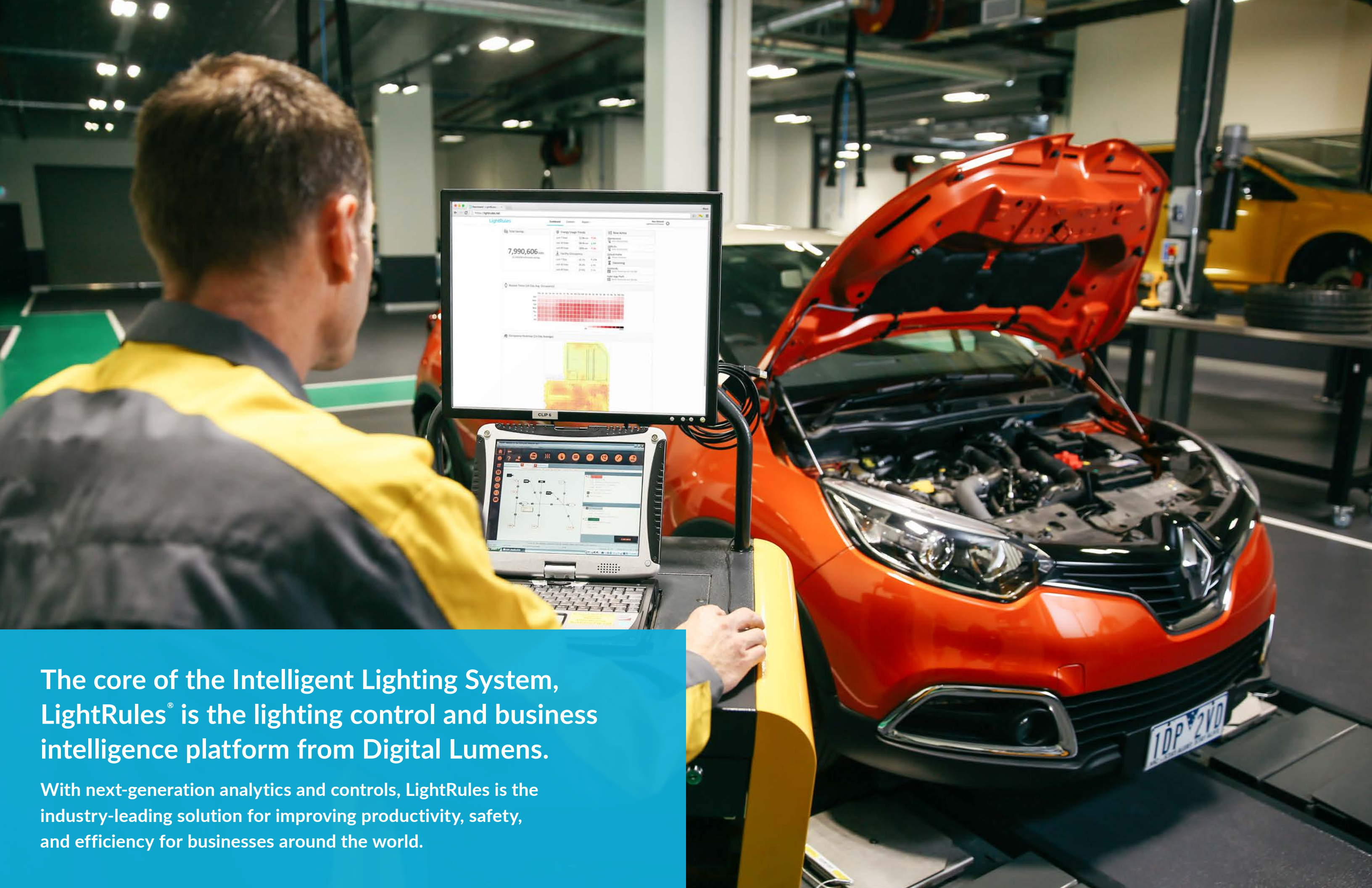
LightRules®

Lighting Control & Business Intelligence Platform



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DOC-001001-00 PR 08-16





The core of the Intelligent Lighting System, LightRules® is the lighting control and business intelligence platform from Digital Lumens.

With next-generation analytics and controls, LightRules is the industry-leading solution for improving productivity, safety, and efficiency for businesses around the world.

01

Software-Based Lighting Control

When it comes to lighting control, intelligence matters. A network of intelligent LED fixtures and standalone sensors communicate to LightRules, allowing you to:

MAXIMIZE & VALIDATE ENERGY SAVINGS

- Software-based control strategies including task tuning, advanced dimming, and scheduling go beyond basic occupancy reduce lighting-related energy use by up to 93% versus legacy lighting.¹
- Validate energy savings while delivering detailed insight into facility operations.

REDUCE DOWNTIME & MAINTENANCE

- Wireless connectivity allows you to perform remote diagnostics without disrupting operations.
- Make on-demand changes to lighting settings from a laptop or mobile device.

ENSURE EMPLOYEE SAFETY & COMFORT

- Reduce forklift accidents with lighting warning indicators.
- Leverage advanced dimming and task-tuning capabilities to accommodate specific lighting needs and reduce lighting-related distractions.
- Guarantee safety and code-compliance with automated testing and reporting of emergency lighting hardware.

¹ PG&E Emerging Technologies Program. 2013. "LED High-Bay Lighting and Controls Project". Pacific Gas & Electric (PG&E) Final Report.



ADVANCED DIMMING & CONTROLS



WIRELESS COMMUNICATION



OCCUPANCY SENSING



CUSTOM LIGHT SCHEDULES

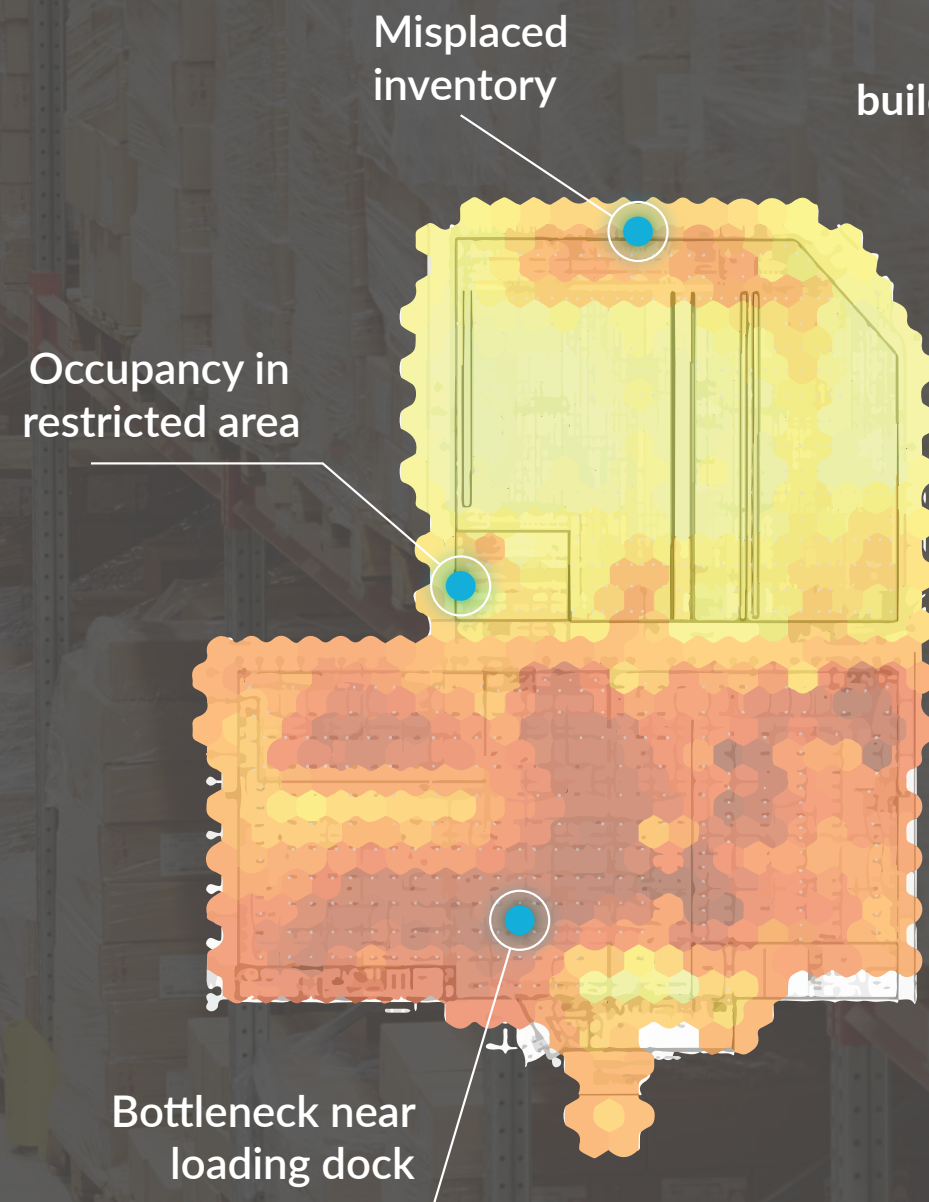


DAYLIGHT HARVESTING

02

Space Optimization

Beyond lighting control, LightRules is a platform for building intelligence, delivering insight into operations and driving informed decisions to optimize your facility.



OPTIMIZE TRAFFIC FLOW

- See how employees travel throughout the facility and design travel paths for increased safety and efficiency.
- Optimize product layout for reduced pick times and forklift travel.

MANAGE FACILITY LAYOUT

- Use occupancy data to re-purpose underutilized real estate.
- Optimize layout of machinery and flow to reduce production bottlenecks.

INCREASE SECURITY

- Leverage occupancy reports to identify and locate activity during off-hours or in restricted areas.

03

Energy Management & Planning

Expand the power of the network by monitoring all equipment and processes in your building.

INCREASE OPERATIONAL VISIBILITY

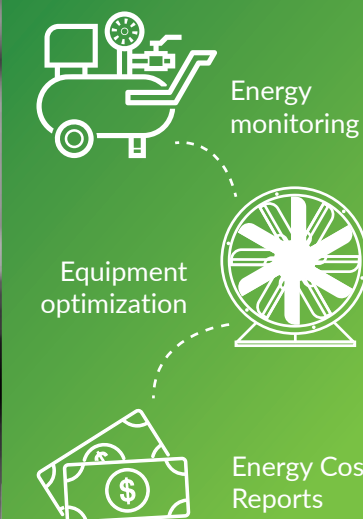
- Unveil true production costs that include complete energy usage data from all equipment in the production line.
- Use real-time data to curtail energy usage during peak times.

IMPROVE BUSINESS PLANNING

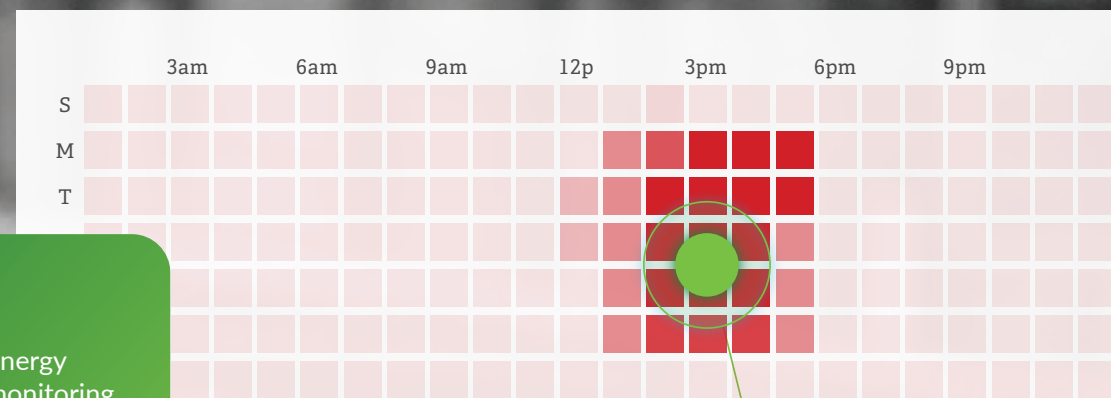
- Monitor energy trends over time, forecast usage and budget.
- Track progress toward energy savings goals or project ROI.
- Allocate production costs to departments or product lines.

REDUCE DOWNTIME

- Identify deteriorating equipment and perform preventive maintenance.
- Optimize equipment usage schedules to avoid production bottlenecks.

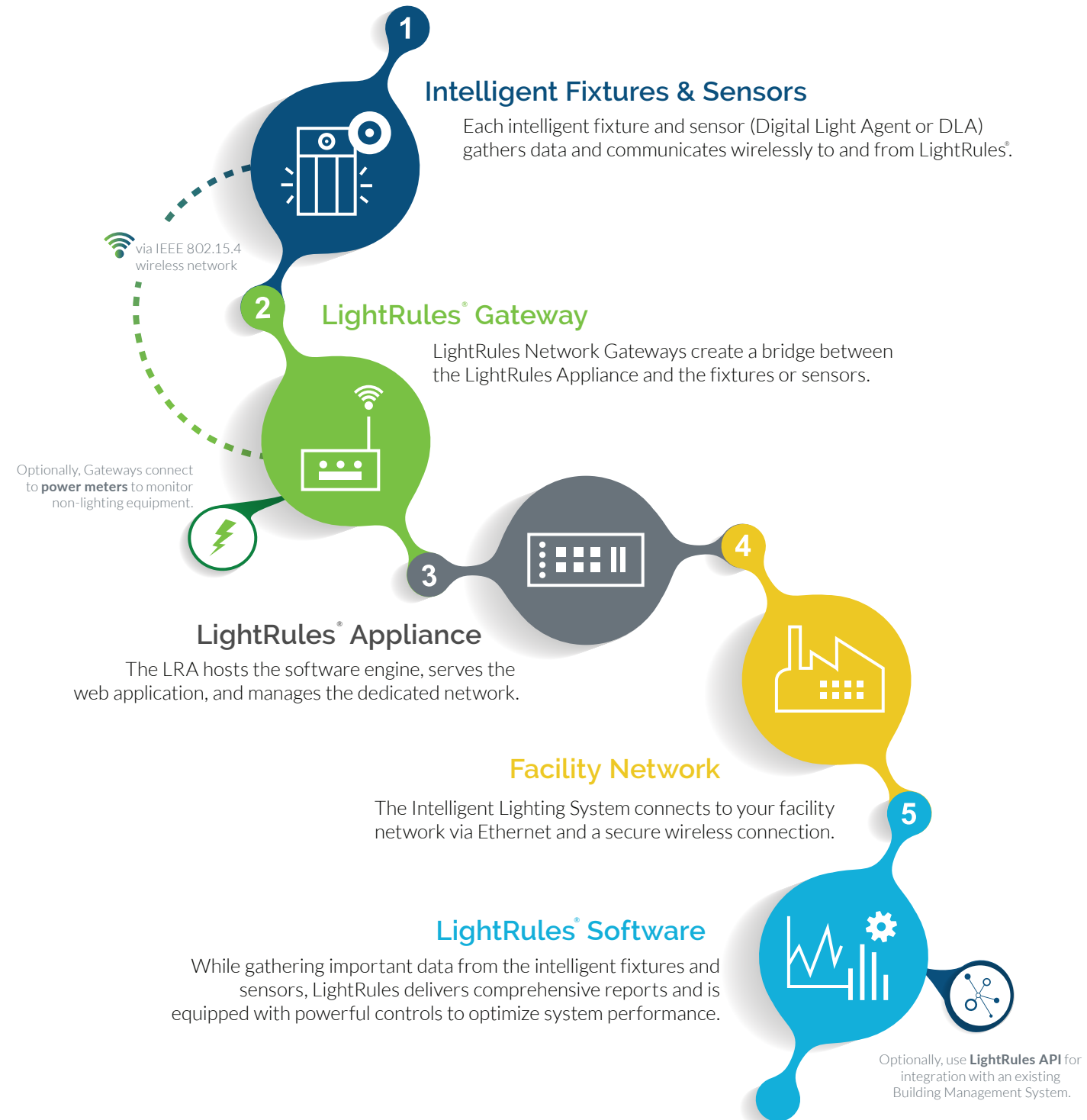


Unlock true production costs



Peak equipment usage

The Intelligent Lighting System:



Standard LightRules Features:

- Occupancy & daylight sensing configuration
- Advanced dimming capabilities
- Coordinated lighting control
- Automated lighting profiles & scheduling
- Permission-based user roles
- On-demand control via LightRules Mobile
- System health & diagnostics reporting
- Automated, code-compliant emergency lighting tests
- Analytics dashboard
- Interactive energy and occupancy reports
- Automated LightRules email report
- One-year subscription to Maintenance & Support plan.

Integrations & Add-Ons:

A suite of add-ons and integrations work to maximize the power and performance of LightRules and the Intelligent Lighting System.

LightRules® Mobile
Make on-demand adjustments to lighting settings from a smartphone or tablet.

LightRules® Power
Monitor all electrical equipment in your facility and view downloadable reports in LightRules.

Software Maintenance & Support
Ongoing support package, including software updates and remote diagnostics.

LightRules® Insight
Manage multiple facilities at the enterprise-level in a single interface.

LightRules® API
Integrate with third-party software, including Building Management Systems.