

SOLUTIONS  
FOR THE

HEALTHCARE  
INDUSTRY



# Global strength

## built on local knowledge

Legrand transforms the spaces where people live, work and meet.

We're meeting the world's technological, social and environmental challenges by pursuing our purpose: to improve lives with electrical and digital infrastructures and connected solutions that are simple, innovative and sustainable.

### Legrand in the UK and Ireland

We have been manufacturing in the UK since 1980 and our six manufacturing sites create mechanical, electrical, electronic and digital solutions. Around 80% of UK sales come from products manufactured in the UK.

With specialist sales people who have a thorough understanding of your industry and our team of engineers on the road to help with project management, commissioning, maintenance and any post-build challenges, we're with you every step of the way.



**At Legrand** we are committed to improving lives and this means creating a more sustainable world for everybody.

To achieve this, reducing our carbon footprint and developing a circular economy approach within our activities are our priorities. In addition, we are committed to promoting diversity and inclusion, while being a responsible business in our day-to-day relationships with all our stakeholders, especially our employees, customers and suppliers.



**CORPORATE SOCIAL  
RESPONSIBILITY**  
LEGRAND

# Solutions

## for hospitals + healthcare

Healthcare is a vast and complicated industry that must continually evolve to meet user needs and rising demand.

However, budget cuts increase the pressure to create environments that operate smoothly and effectively, while encouraging well-being and recovery. Given these challenging circumstances, choosing a partner that can recommend solutions that provide benefits over the lifetime of an installation can reap benefits in the long term.

In addition due to ever demanding timescales, stakeholders need a partner they can trust to offer support throughout the project.

When working with Legrand you have access to a vast range of tried and tested solutions which answer the key considerations for today's healthcare buildings:

- Safety
- Efficiency
- Comfort

### OFFICES

- Micro data centres
- On-desk power
- In-desk power
- Powertrack

### PLANT ROOM

- Transformers
- Busbar
- Switchboard and protection devices
- UPS

### WARDS

- Lighting control systems
- Nurse call point

### SERVER ROOMS

- PDU
- UPS
- Cooling solutions
- Racks & cabinets

### CAR PARK

- Presence detectors
- IP55 cable trunking
- Electric vehicle charging

### OUTPATIENT CENTRE

- Door entry
- Steel perimeter trunking

### PATIENT ROOMS

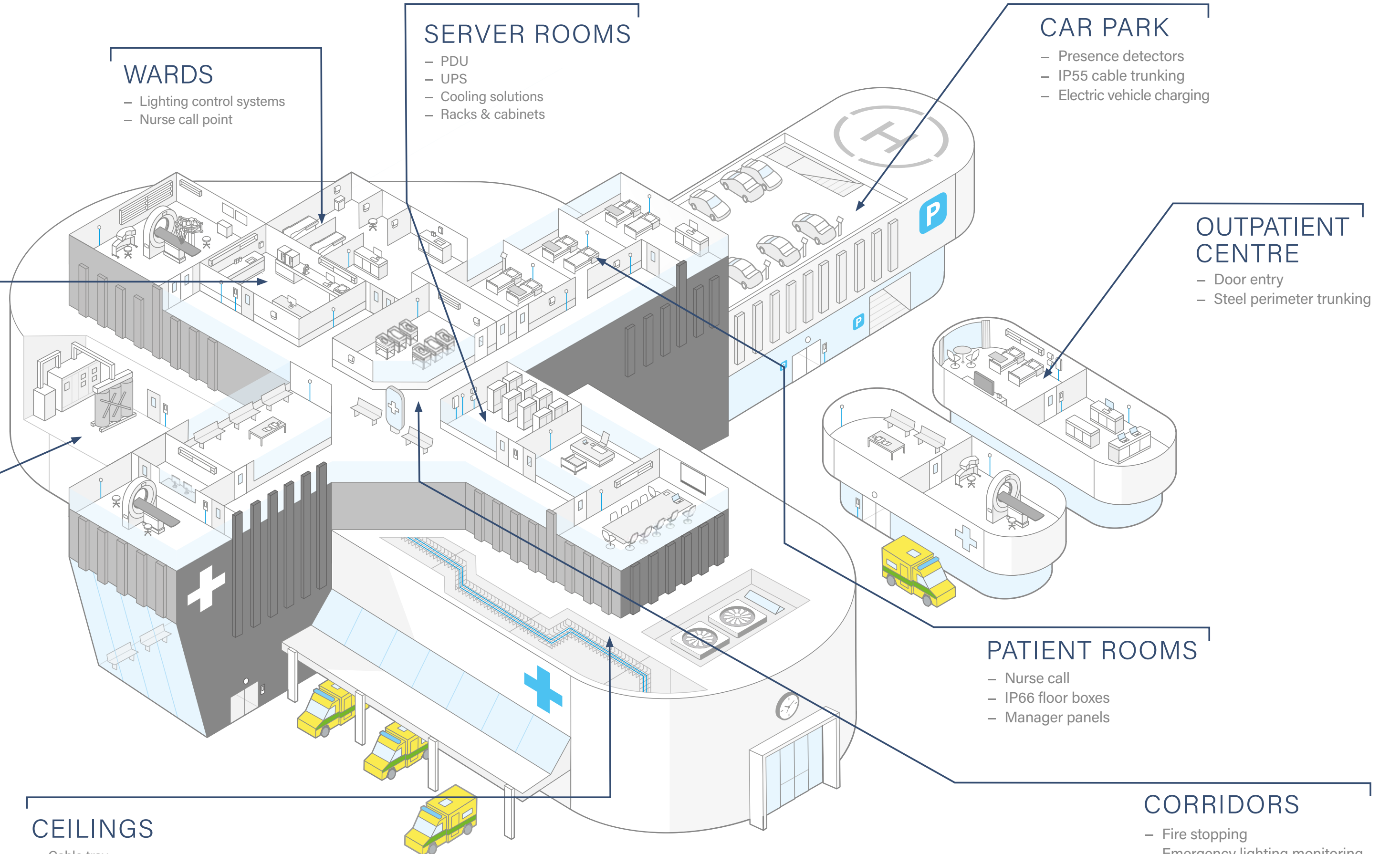
- Nurse call
- IP66 floor boxes
- Manager panels

### CORRIDORS

- Fire stopping
- Emergency lighting monitoring
- Presence detectors

### CEILINGS

- Cable tray
- Steel wire cable tray
- Cable ladder





# UNDERSTANDING KEY ISSUES

## THE REGULATORY LANDSCAPE

The regulatory landscape governing hospitals and healthcare facilities is complex, here are just some relevant standards and regulations to consider:

**The Health Technical Memorandum 06-01 (HTM)** provides comprehensive advice and guidance on the design, installation and operation of specialised building and engineering technology used in the delivery of healthcare.

The memorandum covers lighting control and their operational functionality (**General Lighting point 15.74**) and the ease-of-maintenance and future modification when specifying systems (**General Lighting point 15.75**). It also goes on to emphasise the importance of lighting circuits being unaffected by component failures (**General Lighting point 15.76**).

**BS 8644-1:2022** (Digital Management of Fire Safety Information Part 1) was published in 2022 after lengthy consultation. Its purpose was to digitise the code of practice concerning the flow and presentation of information relevant to fire safety, including handovers, asset management and emergency response measures. Crucially for healthcare facility engineers and consultants, these details will now be summarised within an easily accessible digital document that is part of the UK's drive to provide a golden thread of information on this topic.

**BS 7671:2018**, the standard wiring regulations for Electrical Installations, was updated in May this year in how it applies to medical facilities. Specifically, a new regulation, 710.422.2.201, was added to Amendment 2, which looked at the concept of 'Protected Escape Routes'. It clarified that cables and other electrical equipment could be installed in protected healthcare facility escape routes if they meet two criteria.

This included assurances that the facility itself complies with the HTM and healthcare fire safety guidance, and that the particulars of the electrical installation within the protected escape route are documented as part of a fire strategy.

## FIRE SAFETY CONSIDERATIONS

The same need for clarity applies in areas where specific standards may not exist. For example, there is no requirement or product standard that manufacturers of metallic cable management systems and supports can test their products to or against for fire safety.

Those involved in the specification of fire safety solutions and looking to better guarantee product performance may therefore be left with questions on fire ratings that cannot be easily answered without further research. However, hospital stakeholders with multiple demands and pressing facility issues to address should not be expected to look for more information to fill this blind spot. Instead, by leveraging Legrand's extensive experience, these under-pressure professionals can be better reassured over component fire ratings and performance.

Find out more about fire safety:

[www.legrand.co.uk/en/solutions/fire-safety](http://www.legrand.co.uk/en/solutions/fire-safety)



**TRAINING  
ACADEMY** 

We have developed a range of courses to provide further learning opportunities for those who want to deepen their understanding of key issues, product specification and more.

Visit the Training Academy: [www.legrand.co.uk/en/tools-and-resources/training-academy](http://www.legrand.co.uk/en/tools-and-resources/training-academy)

# SIMPLIFYING HEALTHCARE BUILDING DESIGN

Advancements in technology and legislation puts further pressure on healthcare facility stakeholders to ensure buildings meet user needs. With multiple industry standards to meet and tightening budgets, consultants, specifiers and facility teams have a lot to consider when creating and maintaining a comfortable and safe healthcare environment.

Legrand has vast experience in meeting these challenges and the required expertise to support all stakeholders throughout the entirety of a project.

A broad range backed by specialist expertise



CABLE  
MANAGEMENT



LIGHTING  
CONTROLS



DIGITAL  
INFRASTRUCTURE



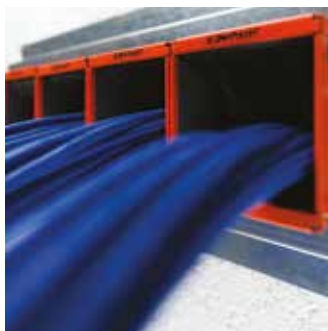
POWER  
DISTRIBUTION



UNINTERRUPTIBLE  
POWER SUPPLY (UPS)



FIRE  
STOPPING



ELECTRIC VEHICLE  
CHARGING



DOOR  
ENTRY



## Contact details

### United Kingdom

Great King Street North,  
Birmingham, B19 2LF

### Customer Services:

Tel: +44 (0) 345 605 4333

E-mail: [legrand.sales@legrand.co.uk](mailto:legrand.sales@legrand.co.uk)

### Quotations and Technical Support:

Tel: +44 (0) 370 608 9020

E-mail: [legrand.sales@legrand.co.uk](mailto:legrand.sales@legrand.co.uk)

### Republic of Ireland:

Tel: 01 295 9673 Fax: 01 295 4671

E-mail: [legrand.sales@legrand.co.uk](mailto:legrand.sales@legrand.co.uk)



FOLLOW  
US AT



[www.legrand.co.uk](http://www.legrand.co.uk)  
[www.legrand.ie](http://www.legrand.ie)



[www.youtube.com/legrandtvuk](http://www.youtube.com/legrandtvuk)



[www.twitter.com/legranduk](http://www.twitter.com/legranduk)



[www.linkedin.com/  
company/legranduk](http://www.linkedin.com/company/legranduk)



### Head office (UK and Ireland):

Legrand Electric Limited

Great King Street North, Birmingham, B19 2LF

Tel: +44 (0) 370 608 9000 Fax: +44 (0) 370 608 9004

Website: [www.legrand.co.uk](http://www.legrand.co.uk)