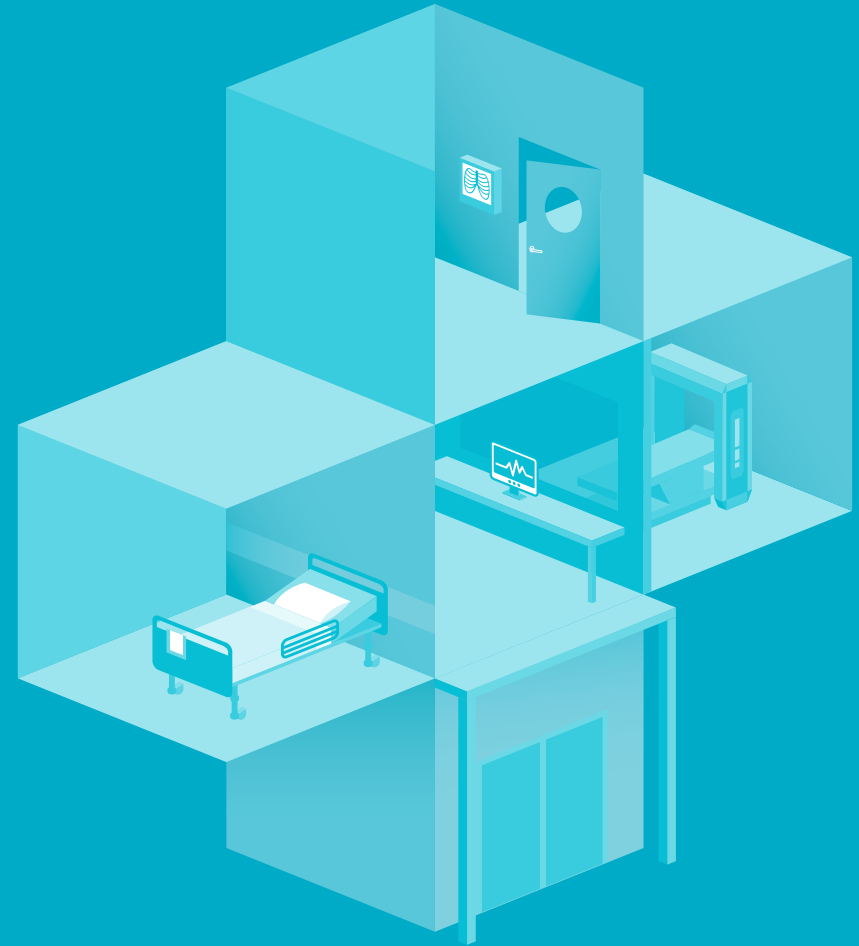


Integrated  
**Solutions** for  
**Healthcare**  
Facilities



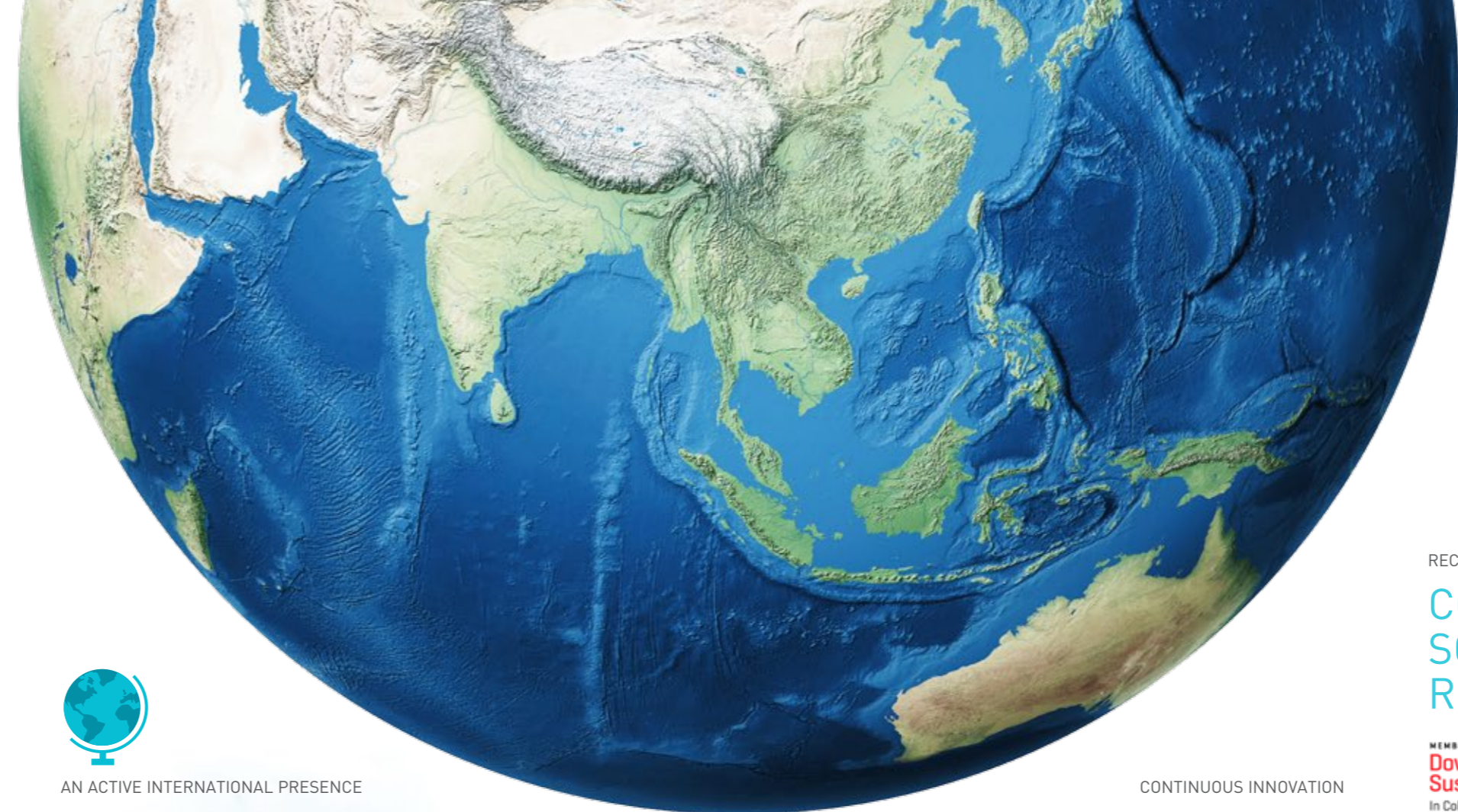
THE GLOBAL SPECIALIST  
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**<sup>®</sup>

# Legrand a global player

Legrand is the  
**global specialist**  
in **electrical** and **digital building**  
**infrastructures**

The Group offers a comprehensive range of solutions and services tailored to residential, commercial and industrial markets. The scope of our offer and leading industry position make Legrand a worldwide benchmark.



AN ACTIVE INTERNATIONAL PRESENCE

**ESTABLISHED  
IN OVER  
80 COUNTRIES**

**OVER 36,000  
EMPLOYEES  
IN 2014**



**€4.8 billion  
SALES IN  
CLOSE TO  
180 COUNTRIES**

CONTINUOUS INNOVATION

**4% TO 5%  
OF SALES  
DEDICATED  
TO R&D  
EVERY YEAR**

RECOGNISED AND REWARDED

**CORPORATE  
SOCIAL  
RESPONSIBILITY**

MEMBER OF  
**Dow Jones  
Sustainability Indices**  
In Collaboration with RobecoSAM



FTSE4Good

## CONTENTS

Legrand Australia	04
TYNETEC Independent Living Solutions	06
NEAT Assisted Living Solutions	08
Medical Solutions	10
Security for People & Data	12
Operating Performance	14



# Inside Legrand Australia



Products & solutions dedicated to the needs of  
**Healthcare facilities**

**Local manufacturing** of over 4,500 products

A dedicated **R&D** team with **over 20 engineers** developing new products

Two **accredited NATA laboratories** to conduct compliance and quality tests

All products comply to the required **Australian standards** of manufacturing quality and electrical safety.



## ENHANCED WELL BEING

Maximizing hygiene and patient comfort whilst ensuring optimal process efficiency.

## SECURITY FOR PEOPLE AND DATA

From access control and door entry systems to emergency lighting and data cabling

## OPERATING PERFORMANCE

Solutions designed to improve the quality of healthcare electrical systems whilst reducing energy consumption.

## LEGRAND EXPERTISE

At Legrand Australia, we provide you with a dedicated point of contact to guide you through each stage of your healthcare project.





# LIVING INDEPENDENTLY FOR LONGER

People are living longer and consequently, social and healthcare services need to adapt in order to support independent living. The Tynetec offer from Legrand offers products and systems designed to extend people's safety and comfort in their homes.



## INDEPENDENT LIVING TECHNOLOGY

### **tynetec** Personal Emergency Response System.

The 3G Reach Plus system provides the user with the security and confidence to live independently for longer. It provides a reliable means to call a nominated responder such as friends and family or link to a health services provider in case of emergency.



Reach Plus system

## FLEXIBLE SOLUTIONS FOR THE INDIVIDUAL

### **tynetec** Connected devices for intelligent monitoring.

Telecare solutions provide a flexible way of integrating multiple devices that can work together to monitor and react to a user's daily activities. Linked to a personal emergency response system, these reactive devices can be turned into more intelligent monitoring solutions that can give carers an opportunity to intervene when necessary.



Bed sensor



Personal pendant



Smoke detector

## MAKING EVERYDAY ACTIONS EASIER

Everyday tasks such as turning standard light switches and powerpoints on and off can often be hard for someone with **limited mobility or decreasing independence**.

The Como range provides a generous switch surface area and smooth switching action that makes everyday actions easier allowing greater independence and flexibility in everyday life.



Como switch



Como fan controller



Como double powerpoint

## INCREASED FUNCTIONALITY

**Multiple electronic functions to enhance safety, comfort and convenience.**

Electronic functions include: no touch switches, skirting lights, movement sensors, USB chargers and emergency safety lights.



Como No Touch switch



Como skirting light

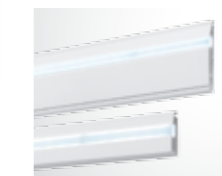


Como USB charger

## INTUITIVE MOVEMENT, VISUAL COMFORT & FALL PREVENTION

**The illuminated DLP LED skirting provides a visual reference point to guide users intuitively at night.**

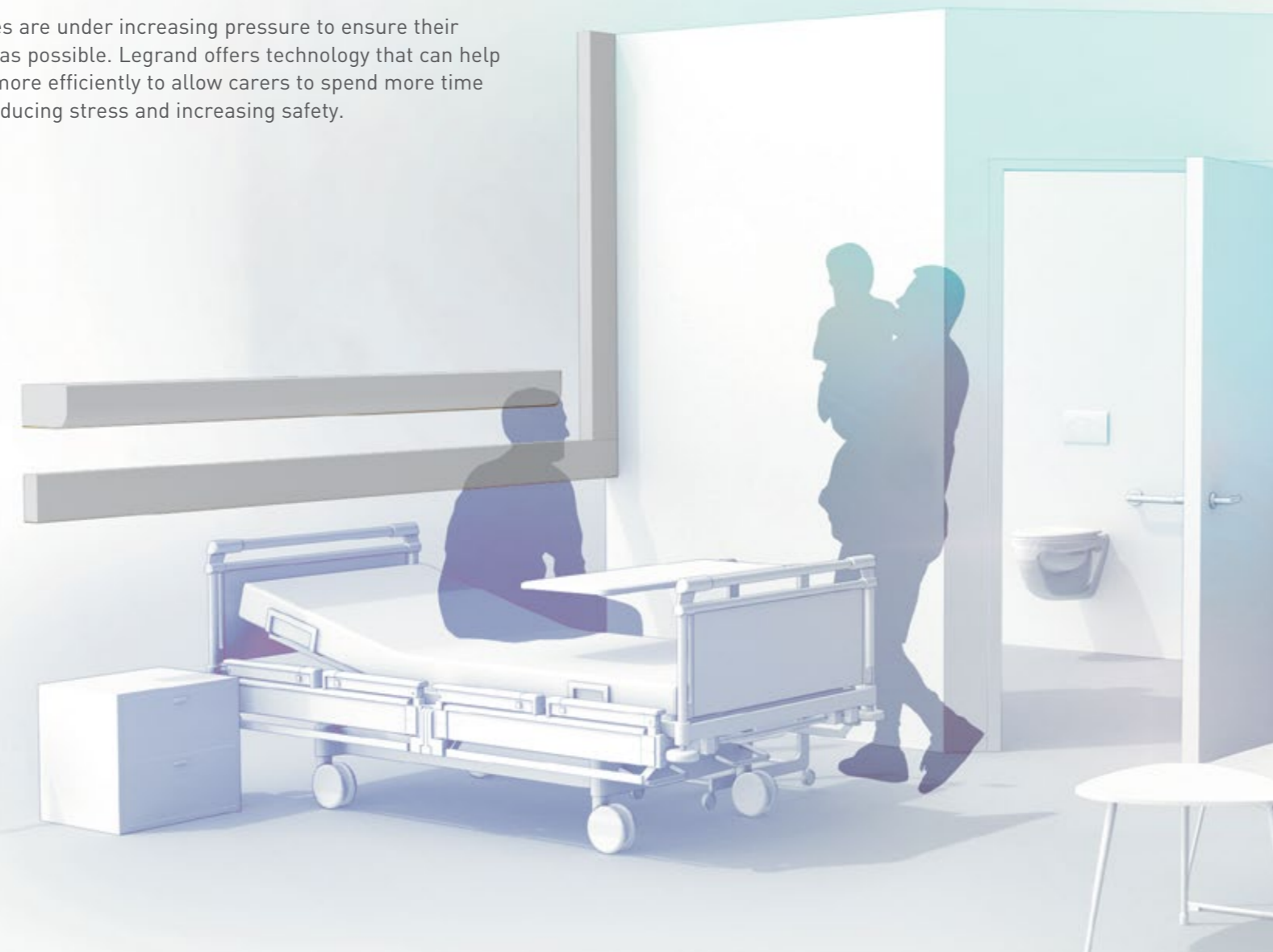
The soft lighting of the illuminated pathway allows trips to amenities without switching on general lighting. Combined with movement sensors, the skirting automatically lights up as soon as movement is detected.



DLP LED trunking

# ASSISTED LIVING SOLUTIONS HELPING STAFF & PATIENTS

Hospitals and care facilities are under increasing pressure to ensure their processes are as efficient as possible. Legrand offers technology that can help organise daily workflows more efficiently to allow carers to spend more time with individual patients, reducing stress and increasing safety.



## WIRELESS NURSE CALL SYSTEM

**Providing care staff with real-time information to address patient needs efficiently.**  
The NEAT wireless nurse call system sends an alarm to a connected care phone system at the push of a button. Specific staff can be directed where needed, enabling a more productive care facility and better patient care.



Nurse call unit

Portable radio transmitter for patients



Nurse call unit with extra pear button



Dual radio repeater



Pull cord alarm



## DEMENTIA SYSTEMS

**Providing a high-level of care for dementia patients with an unobtrusive alarm system.**  
The NEAT dementia system is combined with the portable alarm receiver for the caregiver and the portable radio transmitter worn by the patient to unobtrusively monitor the behaviour of dementia.  
Once the patient crosses a defined area the bracelet transmits an alarm with positioning data allowing nursing staff to react.



Portable radio transmitter for patients



RFID position transmitter and antenna



Portable alarm receiver for carers



## ALARM MANAGEMENT SYSTEM

**The NEAT D-server determines who activated an alarm, at what time and for what reason.**  
When the D-server receives an alarm call it is forwarded to the appropriate caregiver in accordance with an individually configured scenario. It can also monitor parameters such as alarm source, alarm type or time of day. This makes it possible to distribute alarms in an efficient and targeted manner to relevant staff.



Alarm Server



# MAXIMISING HYGIENE & COMFORT

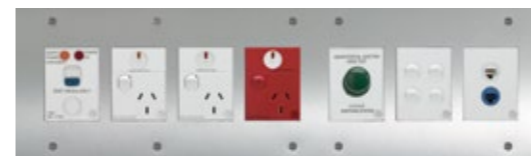
The award winning Excel Life medical range featuring antimicrobial technology offers unprecedented protection for patients and staff against infectious bacteria. Excel life medical integrates seamlessly with the rest of the Excel life offer enabling a consistent style across the whole healthcare facility.



## EXCEL LIFE MEDICAL RANGE

Legrand offers a comprehensive and innovative wiring devices and accessories solution especially designed for medical applications.

This range is suitable for healthcare facilities such as hospitals, clinics, laboratories, patient waiting rooms and aged care facilities. The wide variety of solutions include Medical Service Panels, RCDs and colour coded powerpoints all which meet the Australian and New Zealand Electrical Standards for patient areas - AS/NZS 3003:2011.



Excel Life Medical Service Panel



Excel Life Equipotential Node

## ANTIMICROBIAL TREATMENT

Maximising hygiene is one of the main concerns of healthcare facilities.

Legrand acknowledges this issue right from the design of our solutions. To reduce the risk of transmission of nosocomial infections, an antimicrobial treatment has been developed based on silver ions that reduces the presence of Escherichia coli and Staphylococcus aureus bacteria between 99.72% and 99.9999%\*.



DLP trunking



Excel Life Multigang Medical Panel



## SEAMLESS INTEGRATION

Offering an integrated and consistent solution across the range.

The Excel Life Medical range integrates seamlessly with the rest of the Excel Life offer. This enables a consistent style and look across the whole facility whether in a medical or office environment. This range is functional, attractive, safe, easy to install and meets the specific requirements of every department.



Excel Life antimicrobial powerpoint

Excel Life powerpoint with USB charger

## INCREASING PATIENT WELLBEING

Multiple functions to enhance safety as well as comfort and convenience.

Key features include internal safety shutters and RCD protection for powerpoints, lighting solutions to assist patients and prevent injury, 'No Touch' switches to maximize hygiene as well as convenient USB charging solutions to make the patients stay more comfortable.



Electresafe RCD powerpoint



Automatic skirting light



No Touch switch

\*Refer to technical datasheets for further details at [www.legrand.com.au](http://www.legrand.com.au) or [www.legrand.co.nz](http://www.legrand.co.nz)

# SECURITY FOR PEOPLE & DATA

Observing safety and security requirements for patients and staff healthcare facilities is essential. Facilitating the preservation of data in medical files, and giving patients access to the multimedia universe are increasingly critical issues to which we can provide a solution.



PEOPLE

## ACCESS CONTROL AND DOOR ENTRY SYSTEMS

Protecting sensitive areas of the healthcare facility using safe and effective access control and door entry systems.

Legrand supplies an easy-to-use, low-maintenance access control system offering performance and upgradeability, that accepts up to 500 users in standalone mode and 10,000 users in centralised mode.



Biometric reader and badge reader



Door Entry System Sfera Robur



Access control and supervision software

## EMERGENCY LIGHTING

Stand-alone or Axiom (monitored) solutions for evacuating people quickly and safely.

More than ever, Legrand combines safety and energy savings with our emergency lighting solutions. These safety systems are available all over the world. They comply with our environmental commitments and incorporate an eco-design approach and low maintenance.



Securit tamper resistant emergency lighting



Flush-mounted emergency lighting



LED Satellites

DATA

## CABLE MANAGEMENT

Legrand cable duct and wireway systems are available for all applications. EZ-Path and Cablofil are suitable for applications requiring fire resistance.

As a world leader in cable management, we offer complete ranges for both copper and fibre optic cables that are safe to install. These solutions combine mechanical and electrical performance characteristics. Safety is reinforced by a fire propagation prevention system. AS/NZ3013:2005 fire rated wire cable tray systems.



DLP Trunking



EZ-Path - fire protection



Cablofil - cable management

## LEGRAND CABLING SYSTEM<sup>2</sup> (LCS<sup>2</sup>)

A complete data solution with fast RJ45 outlets.

This structured wiring system offers copper solutions (Cat. 6a up to 500 MHz, Cat. 6 up to 250 MHz, and Cat. 5e up to 100 MHz), fibre optic solutions for backbone and inter-building connections, Wi-Fi and VDI enclosures. The LCS<sup>2</sup> range was designed to optimise the performance of data centers.



LCS<sup>2</sup> enclosure



# OPERATING PERFORMANCE

In healthcare facilities, operating performance is the guarantee of continuous service for critical processes and the monitoring of energy savings. Legrand is an essential player in both of these areas.



## METERING, MONITORING AND SUPERVISION

**Control energy consumption and quality.**

EMDX<sup>3</sup> meters can be used to display and monitor energy consumption per building, per floor and per application. With the Legrand communication interfaces (RS 485, IP) supervision software and Web servers, measurements can be centralised and displayed remotely on a PC, tablet or smartphone.



Door-mounted measuring unit

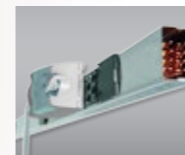


Legrand supervision software

## BUSBAR TRUNKING SYSTEMS

**The Busbar Trunking System is a safe, reliable solution for power distribution.**

Legrand offers complete distribution systems from 16 up to 5000 A. Whether for transformer-LV panel connections, power supply to lighting units or server racks, busbar trunking is quick to install and offers great flexibility by enabling reconfigurations without any interruption.



Busbars

## POWER CIRCUIT BREAKERS

**Ensuring the safety of people, goods and continuity of service.**

The Legrand DX<sup>3</sup>, DPX<sup>3</sup>, and DMX<sup>3</sup> circuit breaker ranges cover all breaking capacities and currents up to 6300 A. By ensuring the highest performance levels, they facilitate operation and maintenance, as well as installation upgrades. DPX<sup>3</sup> and DMX<sup>3</sup> circuit breakers with integrated measurement control provide a genuine response to requirements in terms of safety and energy control.



Power enclosure



DMX3, DPX3 and DX3 - circuit breakers

## UPS (UNINTERRUPTIBLE POWER SUPPLY)

**Whether modular or traditional, a correctly sized and highly efficient UPS is essential.**

The UPS product offerings help to reduce electricity consumption. They also improve overall installation efficiency, reaching 99% in ECO mode and 95% in Online mode.



Modular or traditional UPS enclosures

UNINTERRUPTED SERVICE

## ENERGY QUALITY

**Reactive energy compensation and harmonic mitigation improve the performance of the electrical installation.**

The capacitor banks and harmonic filters compensate for the reactive energy and mitigate harmonic currents, limiting potential damage in the protection chain by improving quality of the main electrical supply. They lower energy costs and have a positive impact on the environment by contributing to energy efficiency.



Capacitor bank

## DRY-TYPE TRANSFORMERS

**High efficiency and reduced maintenance costs.**

Legrand cast resin transformers can reduce electricity consumption during off-peak activity in healthcare facilities. Due to construction and an intrinsic Legrand design, they offer low losses, good resistance to short circuits and minimised maintenance costs.



Transformers

ENERGY SAVINGS





**HPM Legrand Australia**  
Building 4 Nexus Industry Park  
43-47 Lyn Pde Prestons NSW 2170  
☎ 1300 369 777  
[www.legrand.com.au](http://www.legrand.com.au)

**HPM Legrand New Zealand**  
106-124 Target Road Glenfield  
Auckland 0627 New Zealand  
☎ 0800 476 009  
[www.legrand.co.nz](http://www.legrand.co.nz)