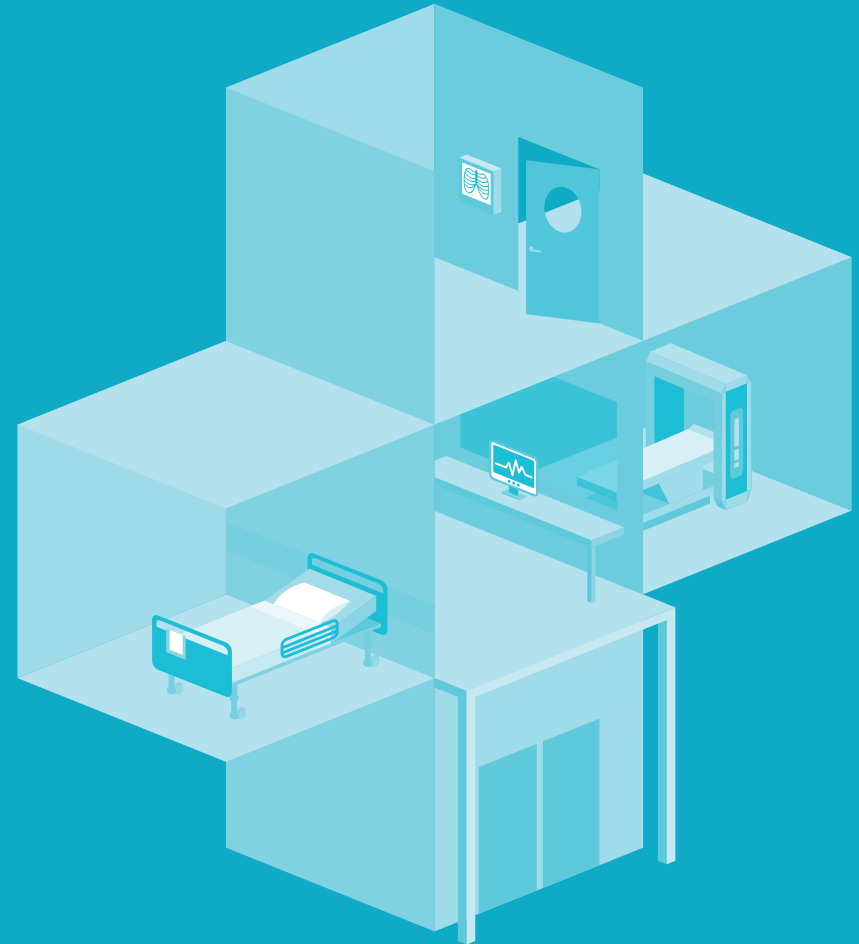


Integrated
Solutions for
Healthcare
Facilities



THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**[®]

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
90 COUNTRIES

OVER 36,000
EMPLOYEES
IN 2019





RECOGNISED AND REWARDED

CORPORATE SOCIAL RESPONSIBILITY

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



FTSE4Good

CONTINUOUS INNOVATION

**4.9% OF
SALES
DEDICATED
TO R&D
EVERY YEAR**



**€6.6 billion
TOTAL SALES
IN 2019**

CONTENTS

Legrand South East Asia	04
Solutions for Comfort and Well Being	06
Assisted Living Solutions	08
Maximising Hygiene	10
Security for People & Data	12
Operating Performance	14

03

legrand

Inside Legrand

South East Asia

Local manufacturing with 6 factories

1 Regional Hub in Singapore managing over 22,000 products

Over 700 employees in 8 countries

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

The Philippine Standard (PS) Certification Mark





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

ENHANCED WELL BEING

Maximising 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 South East Asia, we provide you with a dedicated point of contact to guide you through each stage of your healthcare project.



Branding

Global Logistics Workshop



SOLUTIONS FOR COMFORT AND WELL-BEING

Legrand offers a great variety of products that are particularly suitable for healthcare facilities (senior care centers, nursing homes, hospitals), with features studied to enhance the comfort and the ease of use. Style and practicality make Legrand the right choice whenever these requirements are demanded.

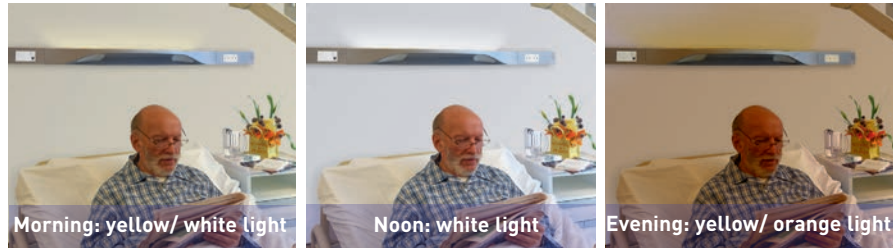


VISUAL COMFORT

LED bedhead strips are designed to give both dynamic reading and room lighting. Some smart functions are embedded, like automatic light comfort adjustment (intensity and color from white to amber). They are made in aluminum with **antimicrobial treatment**, a silver compound applied on the surface of the plate.



Lighting comfort with automatic adjustment



Morning: yellow/ white light

Noon: white light

Evening: yellow/ orange light

INTUITIVE MOVEMENT & FALL PREVENTION

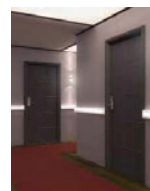
planet wattohm

LED System is an innovative illuminated LED skirting that 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.



Motion sensors



Intuitive light guide



Color options

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.

Wiring devices ranges such as Mallia and Galion provide generous switch surface area and smooth switching action that makes everyday actions easier, allowing greater independence and flexibility in everyday life.

A lot of **color choices**, hundreds possible combinations: better visibility of light points.



Mallia: color combinations to create the optimal contrast



Mallia: LED locators or indicators



Galion: full plate, boarder-less design

Available in: white, champagne, rose gold, dark silver, matt black

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.



Arteor motion sensors



Arteor reading lights



Arteor sensitive switches



All Legrand sockets are available in combination with USB type A, Type C or mixed A & C

EASIER WITHOUT CORDS

The new trend in charging is wireless: Legrand offer responds well to the problems of infrastructure ergonomics, with vertical installation for walls / horizontal for furniture, and with protection indices adapted to the environment (e.g. public areas, in & outdoor).

Wireless charge is convenient, simplify everyday life and is now as fast as USB. With fast charge, Induction Technology is ready to be fit in the building infrastructure.



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.

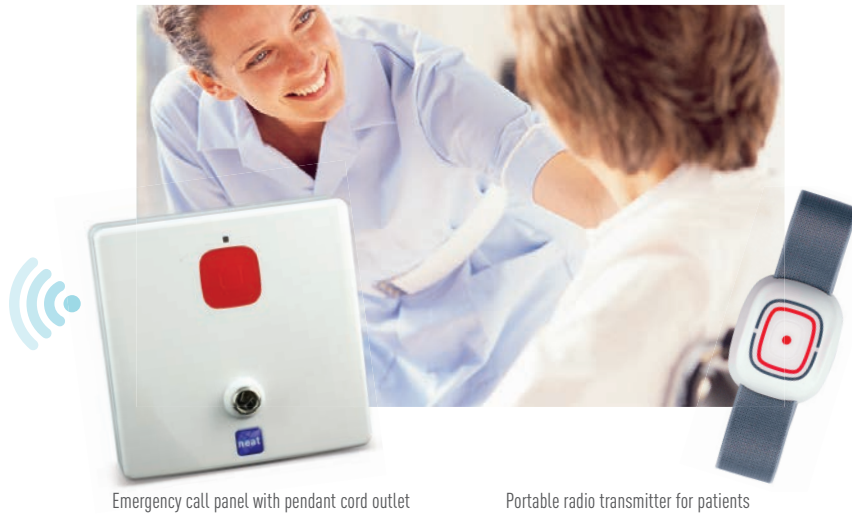


08



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.



Emergency call panel with pendant cord outlet

Portable radio transmitter for patients



Nurse call panel with pendant cord outlet



Radio repeater



Pull cord alarm

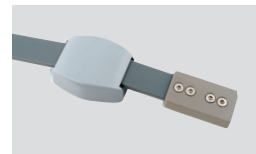


DEMENTIA SYSTEMS

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.

A complete solution for access control, wandering system, panic system, and indoor location.



Portable radio transmitter for patients. Available also with special fastener and cut resistant bracelet



RFID position transmitter and antenna



Portable alarm receiver for carers



ALARM MANAGEMENT SYSTEM



Generating reports and dashboards, Neat D-TECT ALARM software provides critical intelligence for healthcare/aged care providers. Logging every nurse calls and response time by carers, it enables KPI monitoring and assist with team management.

MAXIMISING HYGIENE & COMFORT

Mosaic Antimicrobial range, featuring antimicrobial technology, offers unprecedented protection for patients and staff against infectious bacteria. Mosaic Antimicrobial integrates seamlessly with the rest of the Mosaic offer enabling a consistent style across the whole healthcare facility.



MOSAIC ANTIMICROBIAL

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 power points.



Mosaic call units to be equipped



Door unit



Call unit



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%*.



Antimicrobial switches and plates



SEAMLESS INTEGRATION

Offering an integrated and consistent solution across the range.

Mosaic Antimicrobial 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.



Charger USB type-A + type-C



Socket RJ45 Cat. 6

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.



Motion sensor



Sensitive switch



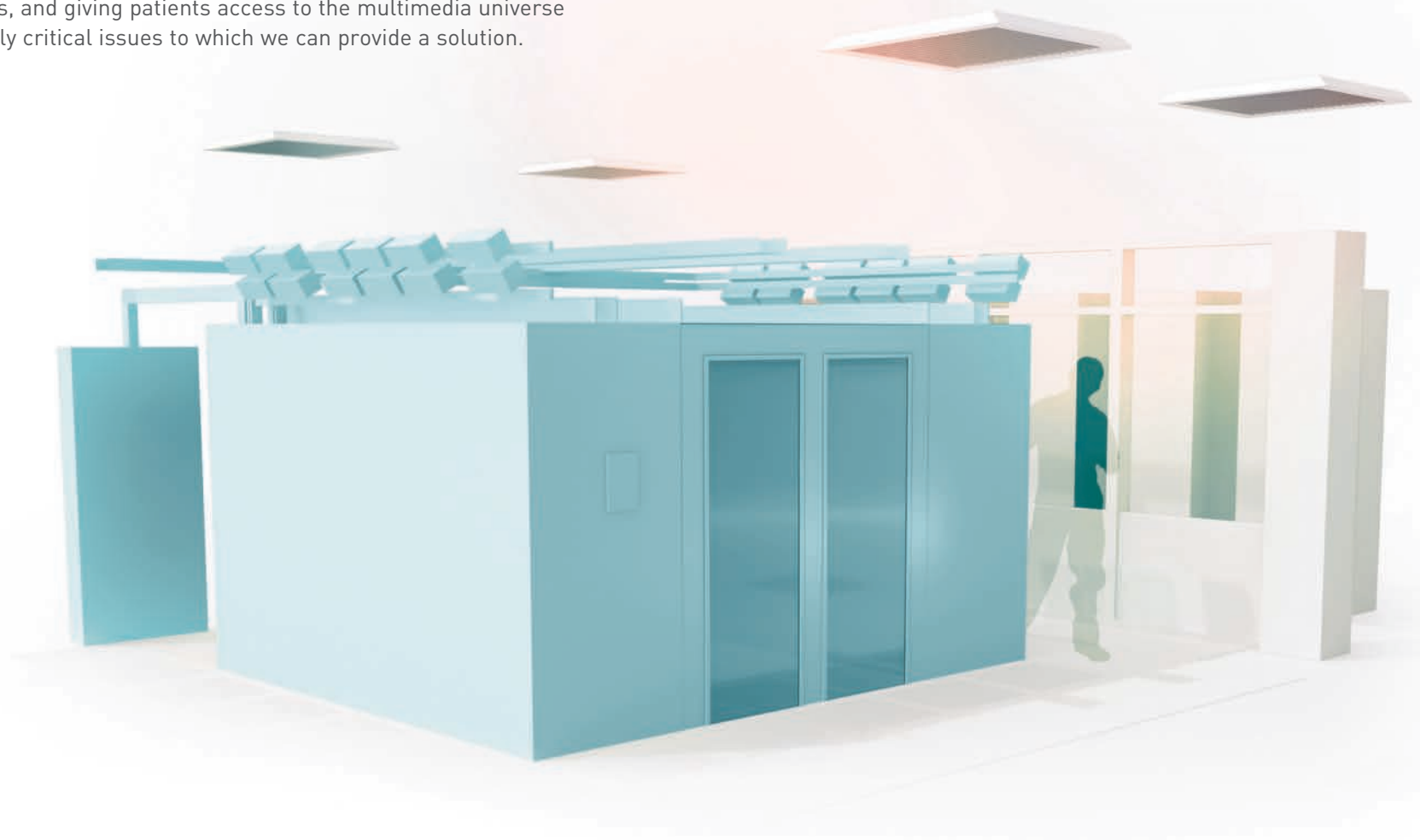
Magnetic connection socket for hand-held remote control unit



Skirting light

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.



12

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

Galaxy, an innovative connected emergency lighting testing system

The Galaxy Connected Emergency Lighting System makes compliance—simple. As a state-of-the-art emergency lighting monitoring system, it is suitable for installation in smart buildings; streamlining the whole process from specifying and install through to day-to-day monitoring and testing—all in one simple solution.

The system can be installed using existing IT infrastructure meaning there is no backbone cable duplication; commissioning and operation are simpler than with other systems; and labour and maintenance costs are kept to a minimum.

Incorporating a simple plug and play system that is designed to operate on any smart device or operating system, the platform provides the option of remote access.

Its innovative tri-wireless platform defines future proof Internet of Things (IoT) developments.



LEGRAND DATA CENTER SOLUTIONS

Legrand Data Center Solutions brings you the convenience of a one-stop, customized source for rack infrastructure solutions with the added flexibility of choosing a specific product or brand that best meets your requirements.

Legrand data center solutions uniquely combines the individual strengths of award winning global specialist brands with the global expertise of the Legrand Group under one team to deliver a power packed data center infrastructure portfolio.



Cablofil – cable management

Legrand cable duct and wireway systems are available for all applications.

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, and are future ready for expanding cabling requirements or changing configurations rapidly with drop-out features, rounded corners, tray intersection cross overs, etc.

Racks, containment, PDUs

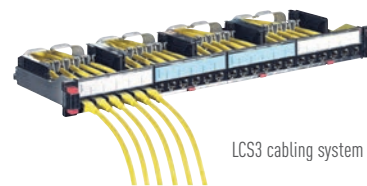
A comprehensive offer of racks and accessories, containment solutions, cages and PDUs. An experienced in house project management team ensures that projects are delivered without the hassle of coordinating multiple stakeholders.



Ezrack 2.0



Raritan intelligent PDUs



LCS3 cabling system

LCS3 Structured cabling systems

LCS3, the new Legrand structured cabling system, ensures high performance and reliability for the installation via zero fault solutions and routing systems that are ideal for copper and optical fiber cables.

Starline track busway

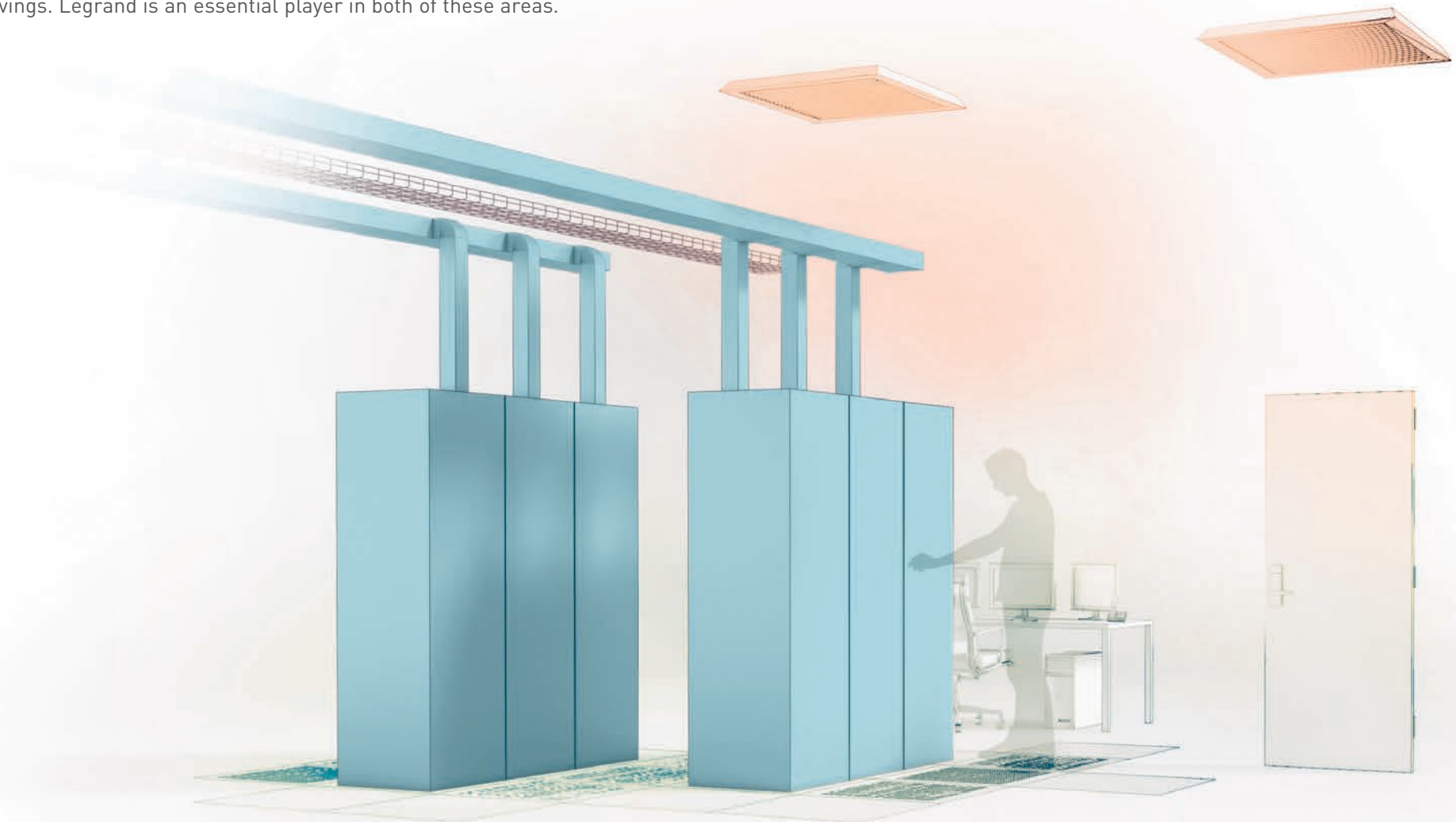
Ideal choice for DC power needs: it's the simple, versatile, fast and economical solution for supplying power to electrical loads. It allows the unique feature to tap into the busway at any location, with a variety of plug-in units.



Starline plug-in unit

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.

EMDX³ meters can be used to display and monitor energy consumption per building, and per application. With the Legrand communication interfaces (RS 485, IP) supervision software and Web servers, measurements can be displayed remotely on a PC, tablet or smartphone.



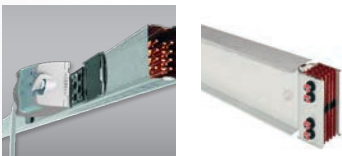
Door-mounted measuring unit

Legrand supervision software

BUSBAR TRUNKING SYSTEMS

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

Legrand offers complete trunking systems from 25 to 6300A. The busbar is the most modern solution for the distribution of energy in an installation for power equipment and light fittings. Legrand's busbar is available in 3-segment range: low, medium and high power.



Busbars

UNINTERRUPTED SERVICE

POWER CIRCUIT BREAKERS

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

Legrand 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. Legrand 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

ENERGY SAVINGS



Transformers

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.



E2
Environmental tests



C2
Climatic tests



F1
Fire resistance

High security

Low fire hazard, designed to withstand the most severe conditions, possibility of installation inside buildings

YOUR CONTACT IN INDONESIA

PT Legrand Indonesia

JL Pantai Indah Selatan Komplek
Pergudangan, Sentra Industri
Terpadu Blok A No. 6 RT. 003 RW. 003,
Kamal Muara Penjarangan,
Jakarta Utara DKI Jakarta 79111.
Tel: +62 21 525 06 08
Fax: +62 21 525 59 35
www.legrand.co.id

YOUR CONTACT IN CAMBODIA

Legrand (S) Pte Ltd Cambodia Branch & Showroom

#20b Samdach Louis EM (St.282),
BKK1, Phnom Penh
Kingdom of Cambodia
Tel: +855 0 16 6477 00
Fax: +855 0 968 579 354

YOUR CONTACT IN MALAYSIA

Megapower Legrand (M) Sdn Bhd

Lot 1888, Jalan KPB 7,
Kawasan Perindustrian Balakong,
Bukit Belimbing,
43300 Seri Kembangan Selangor
D.E. Malaysia
Tel: +60 3 8962 3333
Fax: +60 3 8962 3322/ 3388
www.megapower.net.my
www.legrand.com.my

YOUR CONTACT IN MYANMAR

Legrand (S) Pte Ltd Myanmar Branch Showroom

MICT Park, Room No (304), Level 2,
Building (15), Hlaing Township,
Yangon Myanmar 11051
Tel: +95 12 30 52 40
www.legrand.com.mm

YOUR CONTACT IN PHILIPPINES

Bticino Philippines, Inc.

G/F All Seasons Bldg.
112 Aguime St., Legaspi Village
Makati city, 1229 Philippines
Tel: +63 2 892 89 72
Fax: +63 2 892 89 71
www.bticino.com

YOUR CONTACT IN SINGAPORE

Legrand Singapore

Southeast Asia Regional Office
17 Neythal Road,
Singapore 628582
Tel: +65 6416 1550
Fax: +65 6416 1580
email: customerhub.sg@legrand.com.sg
www.legrand.com.sg

YOUR CONTACT IN THAILAND

Bticino (Thailand) Limited

10/F Ploenchit Center, 2
Sukhumvit Road,
Kwaeng Klongtoey,
Khet Klongtoey,
Bangkok 10110
Tel: +66 2 656 9162-7
Fax: +66 2 656 9197
www.bticino.co.th

YOUR CONTACT IN VIETNAM

Legrand Vietnam

Central GardenTower, 7th floor
328 VoVan Kiet Street,
Co Giang Ward, Dlst. 1, Ho Chi Minh City
Tel: +848 39 207 674
Fax: +848 39 207 675
www.legrand.com.vn

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