BUILDING SUCCESS TOGETHER

INTEGRATED
SOLUTIONS
FOR GLOBAL
PROJECTS

L⌐ **legrand**®

OUR SOLUTIONS –
YOUR
SUCCESS

Global networking, ongoing social change and rapid technological developments all pose new challenges for international project management teams. When it comes to coping with increasingly complex tasks, it helps if you can focus on a single, competent, reliable and dynamic partner.

A real **one-stop shop** for solutions powered by experts, Legrand offers a wide spectrum of products and the kind of expertise you would expect from a truly global player :

• **State-of-the-art solutions** from the globally recognised generalist brands Legrand and Bticino.

• **Special brands** for projects which call **for expert solutions** (e.g. in data centers, healthcare, assisted living or large industrial projects) that allow for seamless integration with other systems.

• **Perfectly networked support and service** teams based both at headquarters and locally, to guide you and your project from the initial quotation, via commissioning, right through to the after-sales service – no matter where you are in the world.

• **Dynamic product development** – for solutions which meet tomorrow's requirements today.

This brochure aims to introduce you to Legrand and the wide range of services it offers for the most diverse spectrum of projects. But with over 200,000 products available in all, this brochure can obviously only provide a first glance.

Your Legrand contact partner will be happy to help if you require more detailed information.

01

L 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 its offering and its leading positions make Legrand a worldwide benchmark.

L7 legrand®

3 MARKETS

RESIDENTIAL COMMERCIAL INDUSTRIAL

AN ACTIVE INTERNATIONAL PRESENCE

ESTABLISHED IN OVER 80 COUNTRIES

OVER 36,000 EMPLOYEES IN 2014

SALES IN CLOSE TO 180 COUNTRIES

CONTINUOUS INNOVATION

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

Integration of NFC* technology into Legrand products is just one example of ongoing development.

*Near Field Communication

LEADING POSITIONS
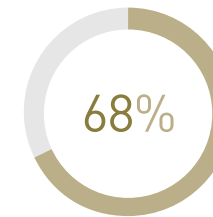
68% of sales are from products that rank first or second in their respective markets (2014).

World leader in the interface for control and connection and in cable management products.

03
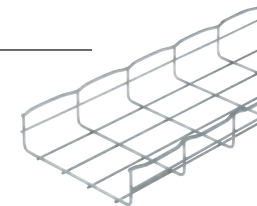
Our business...

From control and connection interfaces to cable management, energy distribution and voice-data-image (VDI) distribution systems, Legrand provides a host of solutions designed to manage lighting, energy, networks and building access.

A WIDE CHOICE BY ANY MEASURE

OVER 215,000 CATALOGUE ITEMS

81 PRODUCT FAMILIES

A PORTFOLIO OF FLAGSHIP BRANDS

Legrand • BTicino • Adlec • Arnould • Cablofil • C2G • HDL • HPM • Indo Asian Switchgear • Inform • Lastar • Middle Atlantic • Minkels • Neat • Numeric UPS • On-Q • Ortronics • Pass & Seymour • Raritan • Seico • Shidean • SMS • Vantage • Watt Stopper • Wiremold • Zucchini and more

4 KEY AREAS OF EXPERTISE

CONTROL AND COMMAND

User interfaces
Home systems
Building systems
Energy efficiency solutions

CABLE MANAGEMENT

Columns
Trunking
Ducts
Floor boxes

ENERGY DISTRIBUTION

Circuit breakers
Distribution panels
Low-loss transformers
UPS

DIGITAL INFRASTRUCTURE

Enclosures & cabinets
Patch panels
VDI
Cooling systems
RJ45 sockets

05

L legrand®

Two growth engines

Ongoing dynamic innovation and acquisitions both on promising market segments and in new economies are Legrand's two growth drivers. They allow to seize new opportunities for lasting growth opened up by major social and technological trends and new consumer requirements.

L legrand®

FLOCOON pixel

Drawing inspiration from the world of connected devices, FLOCOON Pixel gives a taste of the electrical controls of the future.

WIRELESS ENERGY MANAGEMENT
Smart sockets and sensors for easy measurement and control of energy consumption.

SJ MANUFACTURING: a Singaporean frontrunner in racks, VDI cabinets and products for data centers.

NEAT AND TYNETEC assisted living solutions: keeping people safe and avoiding loss of independence.

RARITAN: a frontrunner in intelligent PDUs and KVM switches in the US.

LASTAR: continued expansion in the US with Lastar, a key supplier for pre-terminated VDI and A/V solutions.

A steady stream of new high-value added product launches and carefully targeted acquisitions play a pivotal role in the pursuit of the Group's two-fold ambition:
to strengthen its leading positions in electrical and digital infrastructures for buildings and to become a benchmark for smart electrical devices.

ELIOT - BREAKING NEW GROUND

Exploring new territories and opportunities is a constant priority at Legrand. Convinced that the expansion of the Internet of Things will lead to growth of "smart" solutions for both private individuals and professionals, Legrand launched its Eliot program in 2015 mobilising its teams around the world.

eliot

Eliot drives innovation and aims to connect existing devices by adding gateways, develop new native connected products and imagine ground-breaking concepts to give a taste of the future. For easy identification Legrand connected devices will be labelled "Eliot".

TARGETED SELF-FINANCED ACQUISITIONS

Alongside innovation Legrand strengthens its positions in promising markets by acquiring companies with leading positions or proven technological expertise.

After the acquisitions of SJ Manufacturing and Lastar in 2014, Legrand further strengthened its positions in digital infrastructures in 2015 by acquiring Raritan, Inc., a proven innovator of power management solutions and KVM-over-IP for data centers of all sizes.

Furthermore, Legrand continued its development into the energy distribution and energy efficiency markets in 2015 by acquiring IME, a leading Italian and European specialist in measuring electrical installation parameters.

And Legrand became no. 2 in Europe in the assisted living market by acquiring Tynetec and signing a joint venture agreement with Neat, Spanish leader in assisted living systems and a major player in this market Europe-wide.

OVER

140 COMPANIES ACQUIRED SINCE 1954

07

Committed
to responsible
development

Legrand's corporate social responsibility (CSR) strategy builds on its sustainable development approach in which the company has been engaged for many years. It aims to support profitable long-term growth for the Group.

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Corporate Social Responsibility (CSR) is an integral part of Legrand's development strategy. Its aim is the sustainable use of electricity by everyone, driving improvements for all stakeholders involved in Legrand's activities.

Find out more about Legrand's CSR strategy at www.legrand.com

LEGRAND Corporate Social Responsibility

FOUR FOCAL POINTS
Legrand's CSR strategy is based on 4 aims:

Offer **USERS** sustainable solutions

Commit to our **EMPLOYEES**

Act ethically towards **SOCIETY**

Limit our impact on the **ENVIRONMENT**

COMPLIANCE WITH INTERNATIONAL STANDARDS
Legrand applies the main international standards concerning Corporate Social Responsibility. It has been an active member of the United Nations Global Compact since 2006.

It also complies with the following reference standards:
• The Universal Declaration of Human Rights
• The GRI and ISO 26000 guidelines
• The obligations under Article 225 of the Grenelle 2 law.

A RECOGNISED STRATEGY
Legrand's CSR performance has been recognised and rewarded by its presence in the most important international CSR index ratings, such as the Dow Jones Global Sustainability Index (DJSI) World, the FTSE4Good (London Stock Exchange) and more.

MEMBER OF
Dow Jones Sustainability Indices
In collaboration with RobecoSAM

FTSE4Good

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Social
responsibility
day by day

Social responsibility standards govern
the Group's day-to-day operations.
These encompass focussing on users and
their needs, acting ethically, guaranteeing
health and safety at work, promoting diversity
and enabling sustainable access to electricity,
to name but a few.

Formalised charters on
good business practices.

Systematic awareness and training actions for employees.

In the village of Wonougba–Seva in Togo, 2,500 residents
benefitted from electrical installations in the school and
its canteen, and in the dispensary, powered by solar panels.

S ocial responsibility applies to all the
partners with which Legrand interacts.

RESPECT HUMAN RIGHTS

In all its host countries, Legrand is
committed to the progress of human rights
at work.The Group is also committed
to ensuring the safety and health of all
employees.

BEST BUSINESS PRACTICES

Strict business ethics rules have been
laid down in writing to ensure responsible
dealings with suppliers and customers,
to prevent corruption and fraud, and to
safeguard fair competition.
For its employees Legrand organises
systematic awareness and training actions
to help them to detect and handle potentially
sensitive situations.

ENSURE SUSTAINABLE PURCHASING

Legrand expects its suppliers to meet the
same standards of responsibility that it
imposes on itself. Legrand actively guides
and supports suppliers in deploying an
improvement approach on environmental
issues, fundamental human rights at work
and business ethics.

In 2012, Legrand became one of the
first four companies to be granted
the Responsible Supplier Relations
seal of approval.

SOLIDARITY

Solidarity is another important theme,
driving Legrand's commitment to promoting
sustainable access to electricity for as many
people as possible.

■ Partnership with Electriciens sans frontières

Since 2007 Legrand has been working with
the NGO "Electriciens sans frontières"
to provide access to energy for the most
impoverished populations.

■ Legrand Foundation

In 2014 the Legrand Foundation was created
to combat energy poverty and exclusion
associated with the loss of independence
and to promote education and employment
in the electrical sector.

PROJECTS CONDUCTED WITH
"ELECTRICIENS SANS FRONTIERES"

OVER 70 PROJECTS SINCE 2007

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Limiting environmental impact

Legrand's environmental approach is a continuous improvement initiative.

Environmental concerns apply to both, the Group's sites as well as product design. Action plans focus on various levers: from reducing the environmental footprint of our industrial sites to enhancing the recyclability of our products via limiting the use of hazardous substances. The challenge: innovating to limit the environmental impact of Legrand activities, particularly by favouring the implementation of a circular economy.

88.5% SITES CERTIFIED ISO 14001 BY END OF 2014

REDUCING THE ENVIRONMENTAL FOOTPRINT OF OUR INDUSTRIAL SITES

The Group's efforts are currently focused on reducing its overall energy consumption. They also include careful water consumption, by taking into consideration the local scarcity of water, waste reclamation and continuous educational measures. Legrand sites are being equipped with energy efficiency solutions, lighting management systems, solar panels and electric vehicle charging stations.

Energy management

As part of its ongoing commitment to reducing the energy intensity of its activities Legrand has implemented an energy management system on 25 European sites. In 2015, the performance of this energy management system was certified ISO 50 001.

MEASURING FOR BETTER CONSUMPTION
Built-in measurement units, protection devices with integrated measurement and a smart infrastructure for the display of consumption, even remotely.

PROVIDING SUSTAINABLE SOLUTIONS
Legrand solutions designed to improve the energy efficiency of buildings include products that improve the output of the electrical installation, measuring solutions, connected systems for automated control and monitoring of building applications and more.
PEP* provide customers with product environmental data compliant with ISO 14025. In 2014, 52% of Group sales were generated by products covered by PEP.

In 2014, Legrand created the first PEP ecopassport® profiles for Chinese products.

PEP eco PASS PORT®

ECO DESIGN IN PRACTICE - T.HE TRANSFORMER
The reduction of power dissipation has led to a nearly 30% reduction in environmental impact compared to the previous generation.

INNOVATE FOR A CIRCULAR ECONOMY
Legrand's eco-design approach aims to reduce the environmental impact of its products from design to end of life, e.g. through the choice of raw materials, or the distribution principle. Legrand naturally obeys its obligations under the European REACh regulation and commits to comply with the restrictions of use of substances laid down by the RoHS directive for its entire global offering.

SMART GRID READY
KNX solutions combine optimum management of lighting, shutters, socket outlets and ventilation with the possibility to integrate energy management and supervision.

BRINGING ENERGY EFFICIENCY TO THE FOREFRONT.
In 2014 Legrand North America organised a company-wide competition for employees, the « Energy Marathon ». Over the course of this 26.2-day challenge, Legrand NA achieved a 15.4% reduction in electricity use – amounting to 588,540 kWh of electricity.

* Product Environmental Profiles

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Support
you can rely on

It takes more than just sophisticated technological solutions to manage international projects successfully. What is really needed is the comprehensive and expert support of an experienced partner: from project design and the choice of the right solution through to on-site logistics, installation and configuration, including any subsequent troubleshooting and maintenance.

Legrand is ideally placed to offer this type of support, as all of its products and solutions are developed and produced in close proximity to its customers. It also offers a wide range of special services and support tools which create genuine added value by making customers' day-to-day business significantly easier. This support is available at every stage of the project, whatever the customer touch point.

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01

02 03

01 A diverse range of digital tools including websites, social media and news feeds so that you can contact Legrand at any time and stay up to date with all essential news that is relevant to your projects.

02 Personal advice, technical support and documents, white papers, catalogues and e-catalogues, mobile apps, and software to help with product choice or drawing up bills of materials.

03 Samples which provide an accurate impression of technical capabilities and various design options.

04 Concept and project stores with "live" installations, for a realistic product experience.

05 Training courses covering actual product expertise as well as the latest developments in technology, standards and regulations. Customised training courses available on request, either face to face or in virtual online classes.

06 Configurators, project software and AutoCAD libraries for project design, open for integration into existing software solutions wherever possible.

04

05

06

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Li legrand

TECHNICAL
INFRASTRUCTURES

DATA ROOM

TECHNICAL ROOM

OVERALL
RESPONSIBILITY

Energy distribution and digital networks are at the very
heart of the technical infrastructure of the building.
As buildings get smarter, these systems are increasingly
becoming the brain behind the whole installation, providing
them with the ability to communicate. They not only need
to ensure safety and performance of the installation,
but must also provide a high level of flexibility for adapting
to advancements in technology and changes in regulations
and user requirements.

Ultimately, they determine the long-term profitability
of the building as they stand for:

SAFETY
The highest priority – not only for people, but for the entire building and all
of its equipment.

SERVICE CONTINUITY
Absolutely essential as power supply failures and digital network outages can
dramatically disrupt business operations, with significant financial consequences.
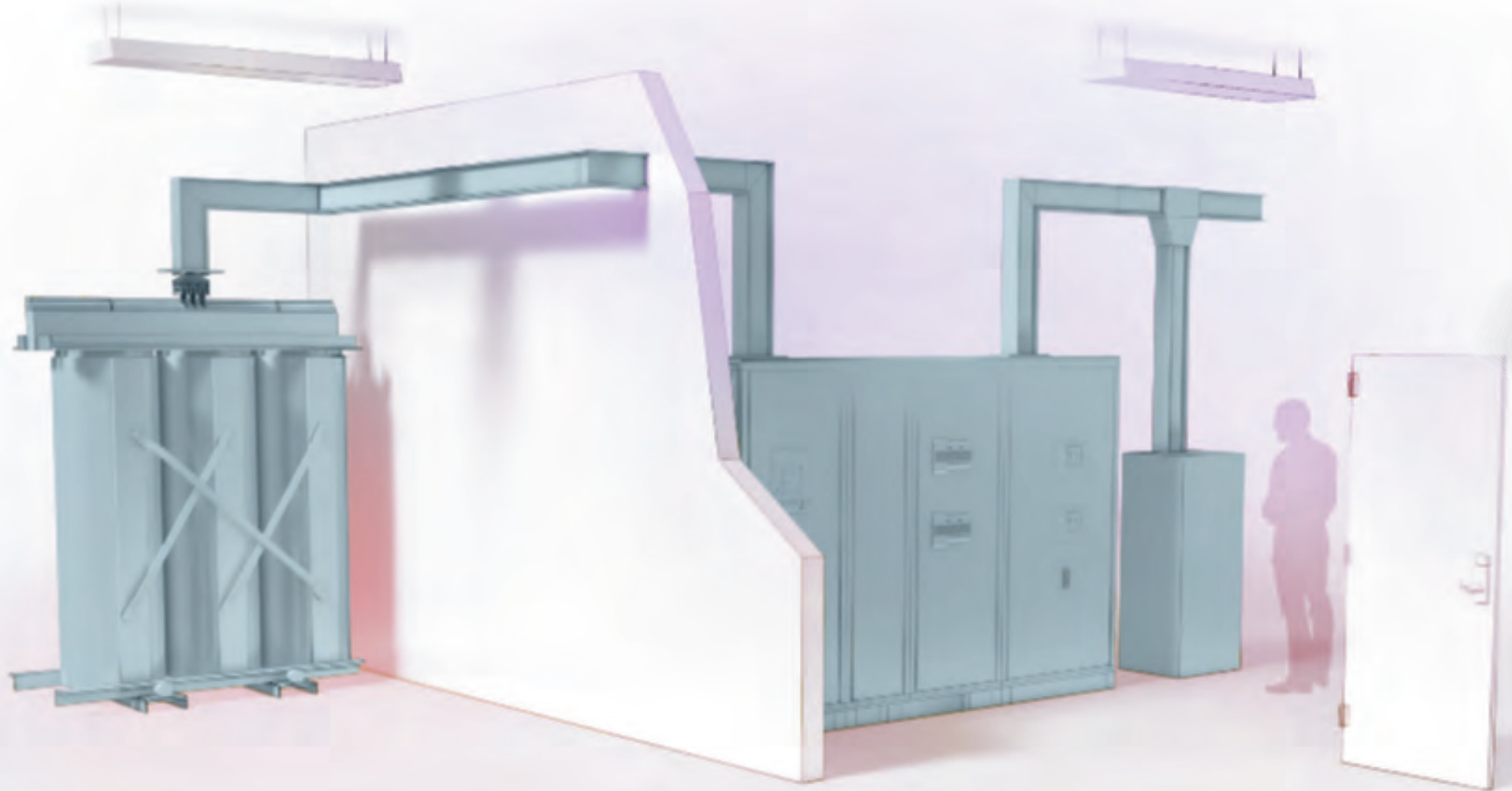
FUTURE-PROOFING
Not just the energy efficiency and sustainability of a building, but also its ability
to communicate and adapt to changing regulations and conditions over time.
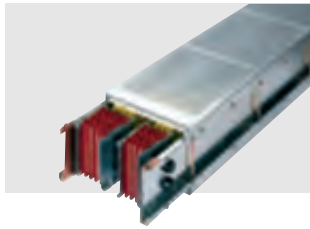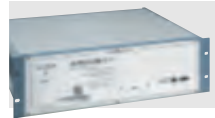
L legrand®

TECHNICAL
ROOM

Zucchini busbar systems offer simplicity, speed and flexibility during planning and installation.

Network analysers for real-time, simultaneous monitoring of all electrical parameters.

Compliant with the EN 50588-1 standard, the Green T.HE high efficiency transformer ensures high energy efficiency while reducing the environmental impact.

Reactive energy compensation systems enable important savings: average ROI of 2 years.

Perfectly integrated systems for safe power distribution from the main board to the final application.

Trimod HE and Archimod HE UPS allow to set high levels of redundancy to ensure maximum service continuity.

Energy distribution is the foundation of the profitability of an entire building.
Legrand power and protection solutions contribute to enhancing profitability by ensuring a reliable and safe energy distribution up to 6300 A, improving energy quality and reducing energy consumption.

RELIABLE ENERGY DISTRIBUTION
From dry type cast resin transformers and busbar systems right through to UPS, power enclosures and protection equipment: Legrand provides market leading solutions for the increasing demands of today's buildings. High efficiency low loss transformers made from high quality material ensure performance and reliability. The Zucchini busbar system ranges from 25 A lighting through to 6300 A high power systems including rising mains. A modern and flexible solution for all applications.

IMPROVED ENERGY QUALITY
Legrand also offers a portfolio of solutions for enhancing energy quality and reducing energy consumption.
Reactive energy compensation systems reduce active energy losses in cables, improve the voltage level at the end of the line and reduce the amount of reactive energy supplied by the source. Network analysers allow for real time analysis of electrical network parameters and remote metrics feedback.

SERVICE CONTINUITY GUARANTEED
XL³ distribution enclosures, DMX³ air circuit-breakers, DPX³ MCCBs, supply inverters, isolating switches... Legrand proposes a set of fast deployable solutions integrating cutting-edge technologies to guarantee efficient power protection and effective service continuity. And with its new UPS range Legrand now offers additional functions to ensure uninterrupted superior performance and energy efficiency for all installations.

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TECHNICAL
ROOM
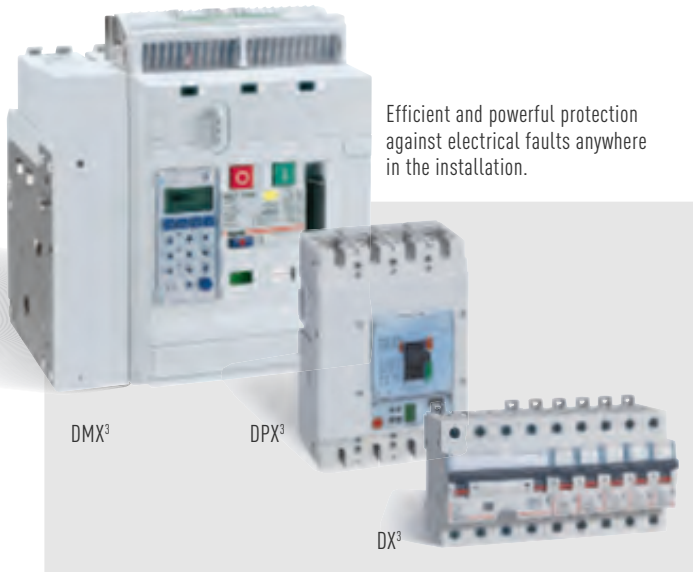
Efficient and powerful protection against electrical faults anywhere in the installation.

DMX³　　　DPX³

DX³

Perfect complementarity for distribution boards up to 6300 A and 100 kA breaking capacity.

INTEGRATED AND CONVENTIONAL MEASUREMENT
Electronic DMX³, DPX³ and DX³ protection devices with integrated measurement for monitoring and protection of the installation save space in the enclosure.

EMDX³ measurement control units display all the essential parameters of the installation.

Electricity meters can be used to monitor consumption per building, floor or application.

SUPERVISION
Measurements can be centralised and displayed remotely on a PC, tablet or smartphone.

Safety for people and property is a priority when it comes to energy distribution. The full range of Legrand protection equipment not only delivers an efficient and powerful solution against electrical faults anywhere in the installation. New electronic protection devices also feature communication options that allow them to be incorporated into a monitoring system.

PRECISE PROTECTION
From DMX³ air circuit breakers and DPX³ MCCBs through to DX³ modular circuit breakers: Legrand protection devices cover all breaking capacities and currents up to 6300 A.
They ensure optimum selectivity with a very high breaking capacity to protect the installation effectively.

MEASUREMENT: ESSENTIAL FOR ENERGY EFFICIENCY
Measurement is the basis of all diagnostics. By simply monitoring the consumption, between 8 % and 12 % savings can be made. The power monitoring system proposed by Legrand enables displaying and monitoring of energy consumption data,

details of disturbance on the system, harmonic distortion, etc., either locally or remotely.

Critical points can be identified upstream, to ensure optimum targeted action is taken.
Effects can be monitored downstream and any deviations can be controlled.

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Ⓛ legrand®

DATA
ROOM

TECHNICAL INFRASTRUCTURES

legrand®

Infinium™ High Density fiber optic solutions are ideal for applications where maximum density is required.

Server enclosures: complete accessibility not only via doors and panels but also thanks to rooftop pre-cuts.

LCS² freestanding enclosures, designed for optimised cable and patch cord management.

RJ45 connectors - a fast and perfect connection for optimum performance for the link.
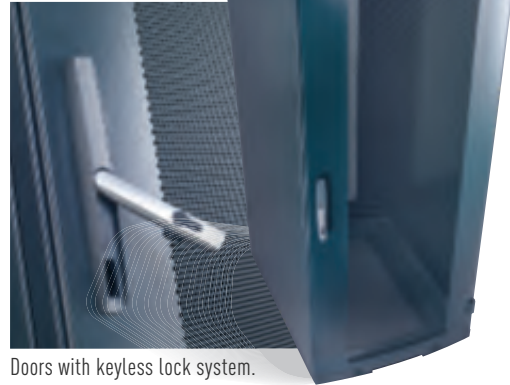
Doors with keyless lock system.

Integrated physical support solutions from racks, cabinets and advanced cable management to underfloor and overhead systems enhance network efficiency.

Modular UPS up to 120 kVA provide maximum safety for applications requiring easy expansion and fast maintenance.

As buildings become smarter and data volumes continue to rise, efficient provision and management of data is ever more vital to the daily operation of today's businesses. Legrand's complete global solutions for data communication perfectly address the key challenges for digital networks: network performance and protection and accessibility of the infrastructure.

NETWORK PERFORMANCE
From connectors, patch panels, patch cords and cables, through to RJ 45 sockets - the LCS² system offers all the components needed to create links with optimum performance. The systems are suitable for fibre optic cables as well as copper cables. LCS² systems come with a 25-year guarantee.

ACCESSIBILITY
LCS² cabinets, enclosures and server enclosures have been designed with network accessibility in mind. Special design features such as removable side and rear panels or dedicated space for cable management facilitate maintenance and scalability.
The proven Cablofil wire mesh cable tray system helps you manage the data installation and its complexity. It allows the cabling systems to evolve easily and meets the strictest safety standards.

NETWORK PROTECTION
Implementing reliable solutions for the protection of the electrical and data systems is critical for maintaining service continuity. Legrand modular, conventional and line interactive UPS ranges provide best performance levels in terms of power and back-up time whatever your requirement.

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L legrand®

COMMUNAL AREAS

CORRIDORS & STAIRWELLS

LOBBY & ENTRANCE

PARKING AREA

legrand®

SAFETY, COMFORT & SUSTAINABILITY FOR ALL

The primary concern in communal areas is safety.
On top of this main issue you can set yourselves apart by offering real added value through special comfort and service provisions for those working in or visiting the building.
However, keeping operating costs to a minimum is a priority.
That's why Legrand offers a wide range of intelligent solutions that have it all:

SAFETY
For all users, in normal use and specifically in an emergency.

ENERGY SAVINGS
Thanks to intelligent monitoring and control features that do not compromise on comfort.

ADDED-VALUE SERVICES
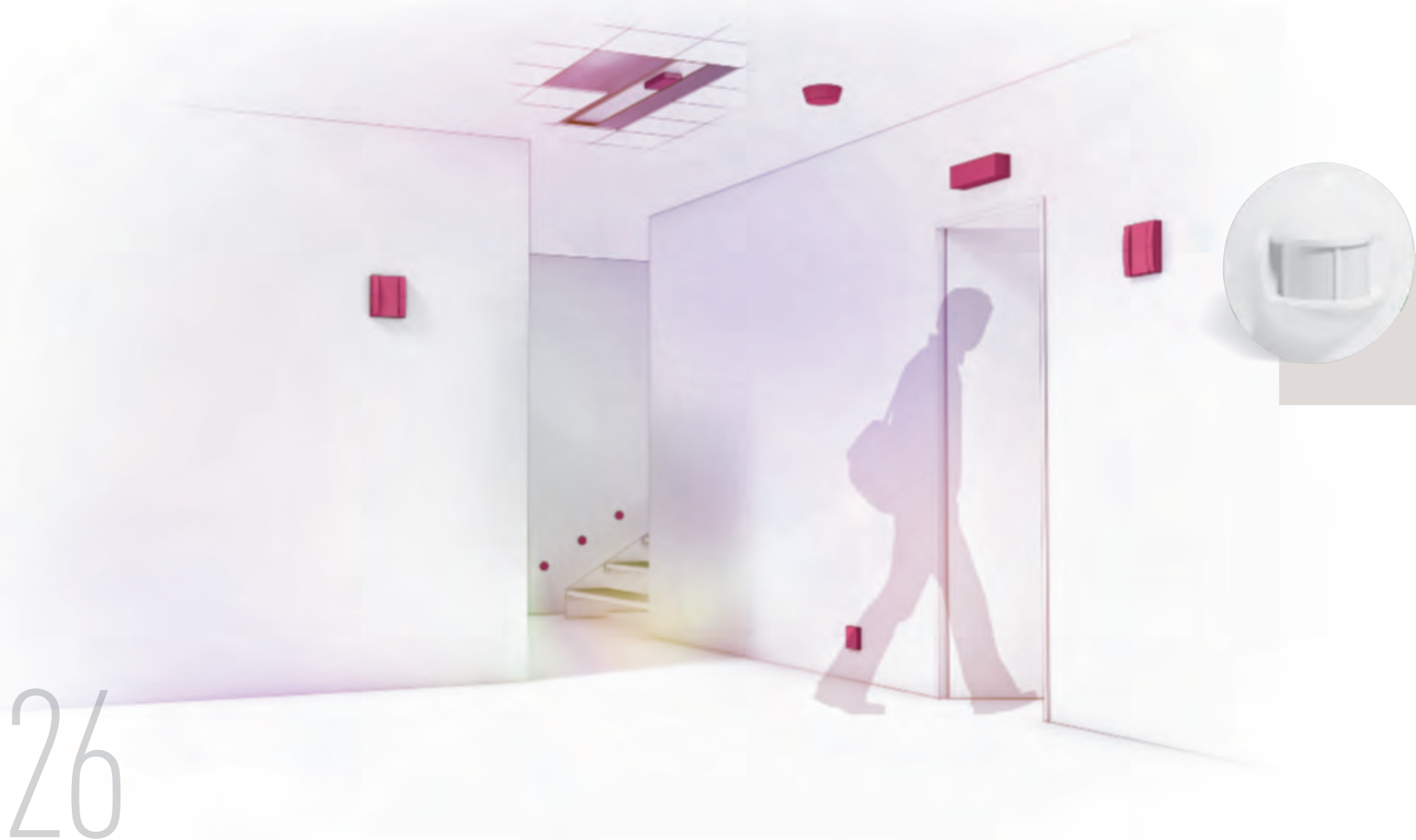For satisfied occupants and greater returns.

ADAPTABILITY
To ensure that you are always at the forefront of technological and social developments to increase the value of the building.

COMMUNAL AREAS

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legrand

CORRIDORS
& STAIRWELLS

Skirting lights with motion detector, Lipso lighting pilots for orientation in the dark and guidance in case of emergency.

Illuminated trunking with low consumption LED lighting to guide people in passageways.

Smart self-testing emergency units equipped with addressable technology. For easy control of the whole installation, locally or remotely.

Enhance sustainability: daylight sensitive PIR sensors for long corridors, dual technology sensors for open areas, false ceiling controllers etc.

Chartres LED based bulkhead light with a built-in sensor. Standard and vandal-proof versions.

Legrand solutions enable you to harness the potential for cost and energy savings of lighting facilities in communal areas without compromising on safety and convenience.

PUTTING A STOP TO ENERGY WASTE THROUGH LIGHTING MANAGEMENT

Legrand's lighting management solutions offer technical compliance with building energy efficiency requirements. Whether you are looking for solutions to control passageways (corridors, stairwells etc.) or the entire lighting system for a specific area: With its various offerings from stand-alone sensors through to a global KNX solution with supervision, Legrand is on hand to help.

GUIDING USERS IN THE DARK

Various lighting options for use in staircases and passageways combine safety with a sophisticated design. These include multi-purpose ranges of LED based luminaires with integrated detection, lighting pilots, which switch from decorative lighting to emergency lights in the event of a power cut, skirting lights with motion detectors, or the LED-illuminated DLP trunking range.

ENSURING PEOPLE SAFETY

Right around the world, Legrand provides standard compliant emergency lighting solutions for any type of building. These include stand-alone emergency lighting luminaires as well as addressable solutions that can be integrated into the building management system. Latest offerings are equipped with long-life, low energy LEDs and Ni-Mh batteries to minimize their environmental impact.

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LOBBY
& ENTRANCE

Evolution™ Series Poke-Thru devices combine high capacity and safety (2-hour fire rating) with compatibility.
The UL approved open system accommodates third party power, communications and A/V devices.

Manageable Wi-Fi access point with guest access: free Internet access for visitors – independent of the main Wi-Fi network.

Pop-up boxes provide desk or floor mounted power and data connections for immediate use.

Turn an open space into a smart, high functioning area: Stylish solutions give you the wire and cable options you need in an infinite number of configurations and design options.

Open and scalable, Kaleïs allows to create highly diverse, functional configurations.

Vista Architectural Columns, designed to complement any decor, allow to hang a flat screen both horizontally and vertically.

First impressions count. This is why modern reception areas place great emphasis not only on an attractive design, but also on their level of functionality.

TURN ANY SPACE INTO A GREAT WORKSPACE
With people constantly on the move, reception areas are increasingly used as a temporary workspace. Legrand's end-to-end solutions for integration of power, communications and A/V allow you to turn any space into a functional workspace.
Power and data connections can be provided through floor boxes, cable columns or trunking systems. Manageable Wi-Fi access points and charging stations for mobile devices ensure that people stay connected.

INTEGRATE DIGITAL SIGNAGE SEAMLESSLY
At the most versatile and stylish end of the spectrum Wiremold Vista Architectural Columns provide an easy way to support and connect digital signage.

ENSURE SAFETY FOR PEOPLE AND PROPERTY
An important function of the lobby is to keep track of people coming and going and to monitor various areas of the building. When it comes to carrying out numerous tasks in the lobby at once, Kaleïs is the perfect

option: this multifunctional, stylish cable management system not only routes cables in spaces without false ceilings. Besides supplying power and data to any desired point, it also allows to integrate complementary functions including CCTV, lighting, emergency lighting, motion sensors or smoke detectors. The Kaleïs system is compatible with many other non-proprietary functions.

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PARKING
AREA

Koreo: architectural bulkheads with integrated detection, vandal-proof version available.
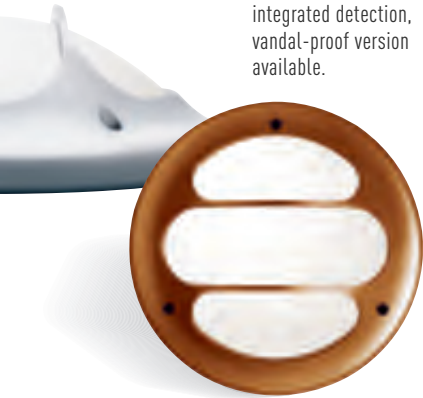
Kalank design range for walls and floors - durable, with integrated detection (HF sensor).

Delta Strut™ installation system for solar panels: lightweight and easy to install on sensitive roofs, yet durable enough to withstand extreme weather conditions.

PHOTOVOLTAIC INSTALLATIONS
Modular solutions for tailored installation protection: surge protection, DC MCBs and switches, cabinets and enclosures.

Electric vehicle charging stations – easy to install and code-compliant. With new EV models rolling out in the next few years, equipping buildings with safe, user-friendly plug-in charging stations makes perfect sense both economically and environmentally.

Analog and IP CCTV systems for monitoring access to buildings or premises. IP solutions are ONVIF-compliant.

O utdoors is where commitment to the safety of personnel and visitors begins, and where businesses can demonstrate their environmental commitment.

EFFICIENT SECURITY
Car park lighting, illumination of pathways and access areas, luminaires designed for special architectural requirements, vandal-proof on request: Legrand solutions for outdoor lighting fulfil a variety of requirements and also make way for all modern possibilities for saving energy: integrated PIR motion sensors and LED lamps ensure their use is particularly efficient.

PROTECTION AND SURVEILLANCE
Security is a top priority not just for people, but for buildings as well. For guarding property and reliable access control, the Legrand range covers both analogue and IP CCTV solutions for all project requirements. As the IP products are ONVIF-compliant, they can be integrated effortlessly with third-party software.

THE PERFECT ENTRANCE: SUSTAINABILITY
Solar panels and electric vehicle charging stations allow businesses to demonstrate their environmental commitment even outdoors. Legrand offers a wide range of charging stations, e.g. for European and American standards, that are secure and code-compliant. Legrand supports the use of renewable energy with its installation systems for solar panels and solar cell equipment protection devices.

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HOSPITALITY
SOLUTIONS

GUEST ROOM

LOBBY & BUSINESS CENTER

MEETING ROOM

INCREASE
LOYALTY &
IMPROVE
PROFITABILITY

The hotel industry today faces various challenges:
High fixed costs are accompanied by ever-increasing
fluctuations in occupancy rates as well as flexible room rates.
Meanwhile, guests are becoming more and more demanding,
selective and internationally minded. To ensure that the high
investments required in hotel buildings remain profitable
in spite of these circumstances, Legrand has developed
solutions designed to improve customer loyalty and to
increase profit through added value services.

CUSTOMER LOYALTY THROUGH BRAND DEVELOPMENT
A distinctive brand image and a clear sense of added value are crucial factors when
it comes to generating loyalty among customers. After all, they know when they're
on to a good thing and can rely on consistently high quality.

A QUALITY EXPERIENCE FOR DEMANDING GUESTS
By offering a more personalised in-room experience, Legrand's products not only win
guests over with improved service, but also keep investors happy thanks to their
added profitability.

FASTER, BETTER, MORE ECONOMICAL
Whether at the check-in desk or on the housekeeping rounds, networked solutions
increase the level of service quality by adding speed and precision.

INCREASE NON-ROOM REVENUE
Having the latest technical equipment in conference rooms, banquet halls or spa
areas increases the hotel's appeal to a wider customer base beyond the usual guests.

HOSPI
TALITY
SOLU
TIONS

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L legrand®

Guest room management system
A specific BUS/SCS based system which helps you to provide a unique customer experience while reducing the total cost of ownership and increasing the efficiency of your building. Can be interfaced with third party solutions.
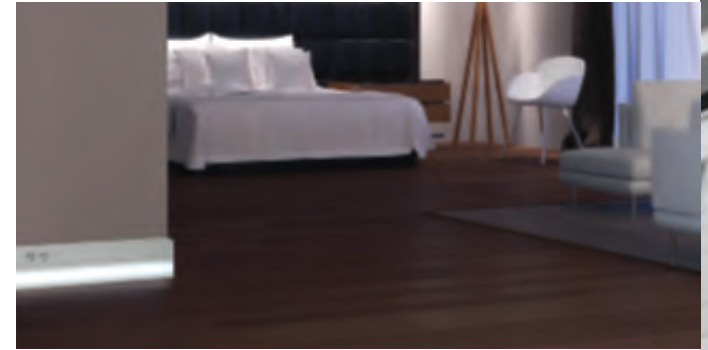
STAND-ALONE
State-of-the-art solutions for in-room comfort, safety and entertainment.

Do-Not-Disturb/
Make-Up-Room

8 push-button control

Nightlight

LED illuminated DLP trunking

Room controller – fully compatible with PMS such as Fidelio Suite and Opera.

External indicator with badge reader

Display thermostat

Bedside unit

Media Hub

Personalised in-room experience and a consistently high service level are two key factors for customer satisfaction. Make your guests feel at home.

PROVIDE A UNIQUE EXPERIENCE
The Legrand Guest Room Management System offers guests maximum ease of use while enabling real time supervision and control of the room status for the hotel staff. Room settings can be altered to suit the customers' requirements. Guests can select from pre-set scenarios creating a bespoke environment incorporating various room functions: temperature, lighting options, air conditioning, and curtains, "Do-Not-Disturb" etc.

FULLY INTEGRATED CONTROL AND MONITORING
Legrand's highly flexible open solutions use standard protocols such as KNX® and BACnet™ over IP. For global management of the hotel's operations the Guest Room Management System can be integrated into any Building Management System (BMS) or Property Management System (PMS).

ENHANCE GUEST COMFORT
Legrand also provides stand-alone products designed to meet the highest standards for comfort in hotels. The range includes bedside panels for convenient, centralised control of various light sources, blinds and curtains and multi-standard or multimedia sockets to ensure hitch-free mobile device usage. Nightlights and LED illuminated trunking ensure greater safety as they enable guests to easily find their way in the dark.

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Custom-built solutions make the difference:
Special markings, glass controls customised with symbols,
laser engraving or products totally made-to-measure.

An unparalleled choice of designs
offers virtually infinite possibilities
for creating a style that perfectly
mirrors the brand image you have
in mind.

International socket outlet	International shaver socket	French	British	German	Italian	American	Chinese

Hotels that value the importance of a clear brand identity also set the highest design standards for their electrical installations. Particularly when it comes to switches, sockets and other visible details.

ENHANCE YOUR BRAND IDENTITY
With around 100 ranges of wiring devices for all major international standards and attractive designs that blend harmoniously into the overall look, Legrand products certainly meet all requirements, whatever the project, wherever in the world.

THE ULTIMATE CHOICE
Whether you're on a budget or going for a more luxurious feel, Legrand offers you the widest possible variety of different finishes, shapes, colours and materials – from standard finishes right through to top-quality leather, glass, stone or woven metal. And with around 200 functions for all modern applications, you can make practically all of your equipment ideas a reality.

THE SKY'S THE LIMIT
The portfolio even extends to end-to-end custom-built solutions, whether exclusive materials, special markings or engravings, personalised touch screens or totally made-to-measure solutions. In close cooperation with you, our teams strive for the best solution to bring truly unique projects to life.

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LOBBY
& BUSINESS
CENTER

legrand®

KNX lighting management systems for greater energy efficiency.

Skirting lights provide orientation in the dark.

Improve customer service through Guest Room Management and through supervision software with badge programming.

Bring connectivity where it's needed: floor boxes, columns, trunking equipped with power and data connection points.

Minimalist LED Edgelight for architectural projects.

Sarlam LED based indoor design luminaires.

Hotel lobbies are no longer simply reception areas. Travellers increasingly expect them to be a place to socialize, work, and relax - all in a warm and inviting atmosphere.
As a result, the requirements for lighting, flexible access to power connections and the Internet become more demanding.

INCREASE CUSTOMER SATISFACTION – REDUCE OPERATIONAL EXPENSES

Deploy staff more efficiently, while improving the service quality for the customer with the integrated Guest Room Management system: The supervision software allows to clearly monitor and control room status and to program badges for access control.
For greater efficiency the system can also be integrated with the lighting management and the access control system.

CREATE INVITING, MULTI-FUNCTIONAL LOBBIES

Legrand's solutions include luminaires that perfectly complement the hotel design as well as connection options for charging various mobile devices and accessing the Internet.
From floor boxes and trunking with Wi-Fi access through to Wiremold Architectural Columns and USB chargers – they all serve to significantly enhance the customer experience in areas beyond the bedrooms.

ENSURE COST AND ENERGY EFFICIENT GUEST SAFETY

For added safety, emergency lighting offerings with long-life low energy LEDs are available for a variety of fixing modes, along with skirting lights or illuminated trunking that integrate seamlessly into the building's overall look.

HOSPITALITY SOLUTIONS

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MEETING
ROOM

legrand®

Set the right lighting mood with just one touch: presentation, meeting, conference...

Multistandard socket outlets – no need to bring adaptors.

Power and data within easy reach: Multi-outlet extension for meeting rooms with a central table.

Multi-user video projector switch – allows multiple users to connect simultaneously to the video projector without detaching the projector cord.

Extra-slim pop-up boxes blend discreetly into furniture.

USB charger, Wi-Fi access points, A/V connectivity, seamlessy integrated into wiring device designs.

Workstations meeting all connection needs.

For conference rooms to appeal to external customers and thereby increase the hotel's overall profitability, they have to be fully equipped to hold a successful business meeting.
What's more, the level of integration between the technical equipment and the overall hotel design is a key factor for promoting customer loyalty.

HIGH CLASS STYLISH BUSINESS ENVIRONMENTS
Technical equipment in conference rooms essentially includes the latest media technology, wireless Internet access and sufficient connection points for power and data, not to mention a convenient and energy-saving lighting control system.

Whether data, AV and power sockets, various workstation solutions for integration or central lighting and roller blind management - Legrand solutions enable you to create the perfect meeting environment.

READY TO ADAPT
The flexibility and ease with which products can be adapted to suit various room layouts – depending on the size or type of event – is yet another feature that makes Legrand solutions so attractive.

HOSPITALITY BUILDINGS

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RESIDENTIAL
SOLUTIONS

BED
ROOM

KITCHEN

LIVING
SPACE

GARAGE
& STORAGE

TERRACE
OUTDOORS

legrand®

PREPARED FOR THE FUTURE
OF LIVING

Constant change has not only become a defining factor in how we live our lives, but also in how we use our homes. Trends such as demographic change, professional flexibility, the increasing number of connected devices, and changes in the way we use our energy and resources all have to be considered when fitting technical facilities in homes.
To ensure that buildings retain and even increase their value, they need to adapt to future developments.
Having developed smart solutions for every aspect of modern residential buildings, Legrand is well placed to live up to these expectations by offering:

INDIVIDUALITY
Allowing you to adapt your living environment at any time to suit changing situations and lifestyles.

COMFORT, SAFETY AND ENERGY EFFICIENCY
Modern homes must meet these essential requirements.

INDEPENDENCE IN OLD AGE
The use of connected solutions enables keeping people safe and avoiding loss of independence later in life.

FUTURE-PROOF INSTALLATIONS
Allowing people to benefit from upcoming technologies and ecological developments, such as electromobility or smart grids.

RESIDENTIAL SOLUTIONS

L legrand®

LIVING
SPACE

Ilegrand®

Braid Decor Chased Decor Orange Snake Violet Irisé

Woven Metal Galuchat Formal Tattoo Carbon

Carrara Marble Brushed Chrome Teak Wood Coffee Leather Cherry Wood Swarovski

Formats, colours, finishes and functions: from standard to luxury, Legrand's wiring device ranges meet all your needs, whatever your project or geographic location.

Universal dimmer for dimmable CFLs and LEDs.

Shutter control - Automation of daily tasks increases living comfort.

Data, RCA, HDMI, loudspeaker sockets – all the multimedia connections needed for a perfect home cinema experience.

From luxury villas, detached houses and apartments right through to granny flats and studios – the diversity of lifestyles is reflected in the home. This also has an effect on the electrical installations in use, as design and functionality requirements have dramatically increased.

DESIGNS AS INDIVIDUAL AS YOU ARE
Legrand allows everyone to set up their home exactly as they want to, thanks to around 100 ranges of wiring devices to suit every segment and virtually every standard, in finishes from classic, functional plastic right through to more unusual materials such as leather, concrete or Swarovski crystals.

FUNCTIONS TO SUIT ANY MODERN LIFESTYLE
These include functions that make life safer and more comfortable while also saving energy. Universal dimmers for lighting control combine convenience and energy efficiency, while shutter control units make tedious manual processes a thing of the past.

IN SYNC WITH TODAY'S TECHNOLOGY
Modern home cinema connectivity means every night can be a movie night, while the home network ensures that - thanks to Legrand - you always stay connected and up-to-date.

RESIDENTIAL SOLUTIONS

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LIVING
SPACE

RESIDENTIAL SOLUTIONS

legrand®

MyHOME_Screen 10 – an intuitive control centre for your home, fully customisable.

Radio solutions – easy to install, ideal for renovation.

Tynetec telecare solutions enable people to remain independent in their own homes for longer. The at-home alarm unit alerts the monitoring centre if any of the telecare devices are triggered.

Equinox interfaces from Vantage offer the ultimate control experience for luxury spaces.

Personalise scenarios according to your requirements.

Door entry systems – specialist offers from the villa to compounds. Stand-alone or integrated into wiring device ranges such as Celiane, Axolute or Arteor.

Enhance safety and facilitate everyday gestures: Switch with illuminated crown, easy-connect socket.

Turning a house into a smart and comfortable home just gets easier with Legrand's various home automation solutions:
From simple wireless solutions and fully networked BUS systems, right through to the luxury-space solutions offered by Vantage, the benchmark in home automation.

A CONNECTED, COMFORTABLE, ECONOMIC HOME
A wide range of features can be controlled individually via scenario switches, keypads, touch screens or mobile apps, including lighting scenes, lights and shutters, temperature, music, video door entry phones and monitoring functions. These features also include energy management functions for checking valuable resources and ensuring that they are being used efficiently.

ADAPTING TO YOUR LIFE
The systems remain flexible once installed: whether in children's bedrooms or in living spaces suitable for the elderly, they can be perfectly adapted to suit new requirements, family circumstances or legal regulations.

OPEN TO THIRD PARTY SOLUTIONS
Legrand's radio and BUS solutions allow for interoperability with third party home automation systems.

STAYING INDEPENDENT IN YOUR OWN HOME
We might be living longer than ever before, but this doesn't mean we have to give up the independence of living in our own homes. Even small solutions such as a switch with an illuminated crown or an easy-connect socket make life that little bit easier and safer for the older generation. Dedicated assisted living solutions offer even more safety.
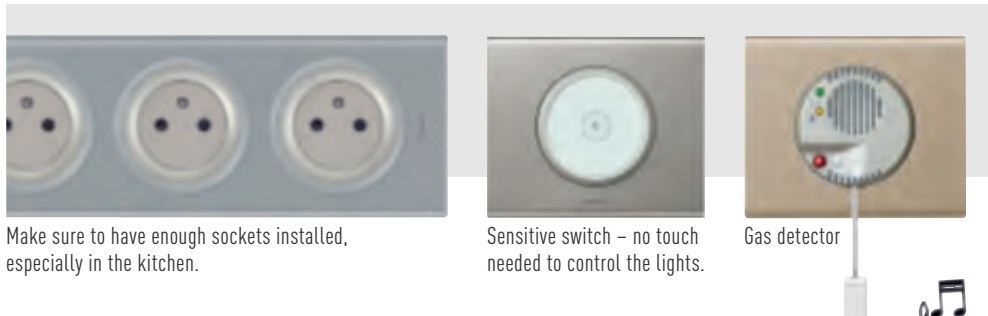
RESIDENTIAL SOLUTIONS

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KITCHEN

A video door entry unit in the kitchen allows to easily get in touch with visitors.

Make sure to have enough sockets installed, especially in the kitchen.

Sensitive switch – no touch needed to control the lights.

Gas detector

Tynetec gas, heat and flood detectors can transmit an alarm message directly to the monitoring centre.

NUVO® whole home audio systems allow access to both networked music libraries and the near-infinite variety of internet radio. They also offer intuitive app control through smartphones or tablets.

The Adorne® Under-Cabinet Lighting System is a fully customizable and modular solution for eliminating kitchen clutter. It is compatible with any kitchen layout.

From workspace to living space: today's kitchen is the social hub of the family home, which is why it is no longer simply a functional area – it also has to offer smart, networked facilities. Legrand allows you to equip modern kitchens with Internet access and music systems, central lighting controls and door intercom systems – all within easy reach.

MAKE YOUR KITCHEN A GREAT WORKPLACE...

Under-Cabinet solutions provide users with extensive connection points for all devices throughout the workspace. Whether it's lighting, power for kitchen appliances and mobile devices, data, or music, it is all at your fingertips and can be reconfigured again and again.

...WITH CLEVER FUNCTIONS

NUVO® streams music wirelessly into the kitchen while the video door intercom unit allows you to welcome guests without taking your eye off the cooker. A further practical detail comes in the form of the sensitive switch, which responds to movement rather than touch to make greasy switches a thing of the past.

KITCHEN SAFETY FIRST

Modern kitchens place great emphasis not only on comfort and convenience, but also on safety. For this reason, gas detectors are there to ensure that the gas supply is disconnected automatically in the event of a leak so that no one comes to any harm. Dedicated devices such as heat and flood detectors, door contacts or smoke alarm kits for the hard of hearing increase home safety for the elderly.

RESIDENTIAL SOLUTIONS

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BED
ROOM

Intervox Quiatil Easy and personal pendant – allow to alert a remote assistance platform and to trigger automated processes in the home in case of an emergency.

Skirting light with motion detector. Placed at the foot of the bed, it enables safely moving around at night.
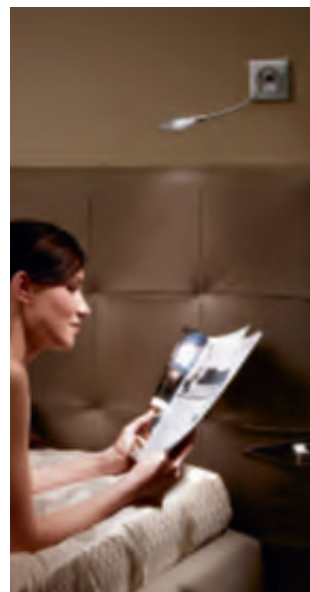
Lighting/
shutter control

Central ON/OFF
Panic switch

Whisper dimmer
with accent nightlight

Display thermostat

Add your personal touch!

Celiane reading light creates the right mood to immerse in a good book.

The bedroom is a personal retreat where individual comfort is of the utmost importance. The Legrand range is specially designed to meet these requirements and offers added safety for the whole family, including the elderly.

CREATE A FEEL-GOOD ATMOSPHERE
Select the desired temperature using a room thermostat, centrally control the light from your bed, use the dimmer to read in the perfect light, and the nightlight function to doze off peacefully. It all makes life so much easier.

ENJOY PEACE OF MIND
People who feel safe and secure have a better night's sleep. Skirting lights with motion detectors or anti-glare and downlit pathway lighting will help to prevent any accidents at night. A nightlight can also provide orientation in the dark.
A central shutter control for the whole house can help to promote this feeling of security, while a panic scenario switch can also provide reassurance if you hear any suspicious noises.

FEELING CONNECTED IS REASSURING
Whether they're set up to respond automatically or at the touch of a button, Legrand assisted living solutions offer a greater sense of independence for the older generation in the event of an emergency.
This feeling of security is heightened by the knowledge that the emergency services will be notified in the event of an incident, for example by a fall detector or by triggering the conspicuous emergency switch.

RESIDENTIAL SOLUTIONS

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GARAGE
& STORAGE

Pratibox, Plexo³, Drivia: Various cabinet solutions cover any type of installation: from flush-mounting and surface mounting distribution cabinets to FTTH ready multimedia cabinets.

Visibility drives savings: integrated into the distribution board, the connected eco-meter allows to measure consumption of electricity, gas and water and to display it directly on the device, via web pages or through the MyHOME_Screen 10.

Ready-fit cabinets for protection of residential photovoltaic installations include AC/DC protection and surge protection. They combine simplicity of choice, implementation and safety.

Circuit breakers, RCDs, surge protection devices, STOP & GO auto-reset, time switches... Reliable and safe when it comes to distributing energy and protecting people across residences.

Reliable and code-compliant: safe, user-friendly plug-in charging stations make sense, economically and environmentally speaking.

The more extensive modern technologies become in the home, the more important it is to have a safe and energy-efficient power supply. And when it comes to future-proofing your home, data networks and interfaces for communicating with electricity suppliers are absolutely essential.

SAFETY FOR PEOPLE AND PROPERTY
Legrand provides a fully comprehensive range of modular devices including circuit breakers, residual current protection devices, surge protection devices, auto-resets etc. They are designed to protect reliably against short-circuits, overloads and residual current faults.
The offer is rounded off by various ranges of functional and stylish modular cabinets for power and data distribution.

FOR A CONNECTED FUTURE-PROOF HOUSE AND ...
Whether you want to create a home network allowing automatic distribution of telephone, internet, data and IPTV, or whether you are looking for energy measurement solutions and digital interfaces to display consumption: Legrand has what it takes to turn your house into a smart connected home.

... SUSTAINABILITY AT HOME
The use of renewable energies has become commonplace in today's society and Legrand offers appropriate technology in this domain to ensure systems are operated safely. As for the electric car – the future of mobility – you can be safe in the knowledge that Legrand provides charging stations to the highest market standard.

RESIDENTIAL SOLUTIONS

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L legrand®

TERRACE &
OUTDOOR AREAS

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L legrand®
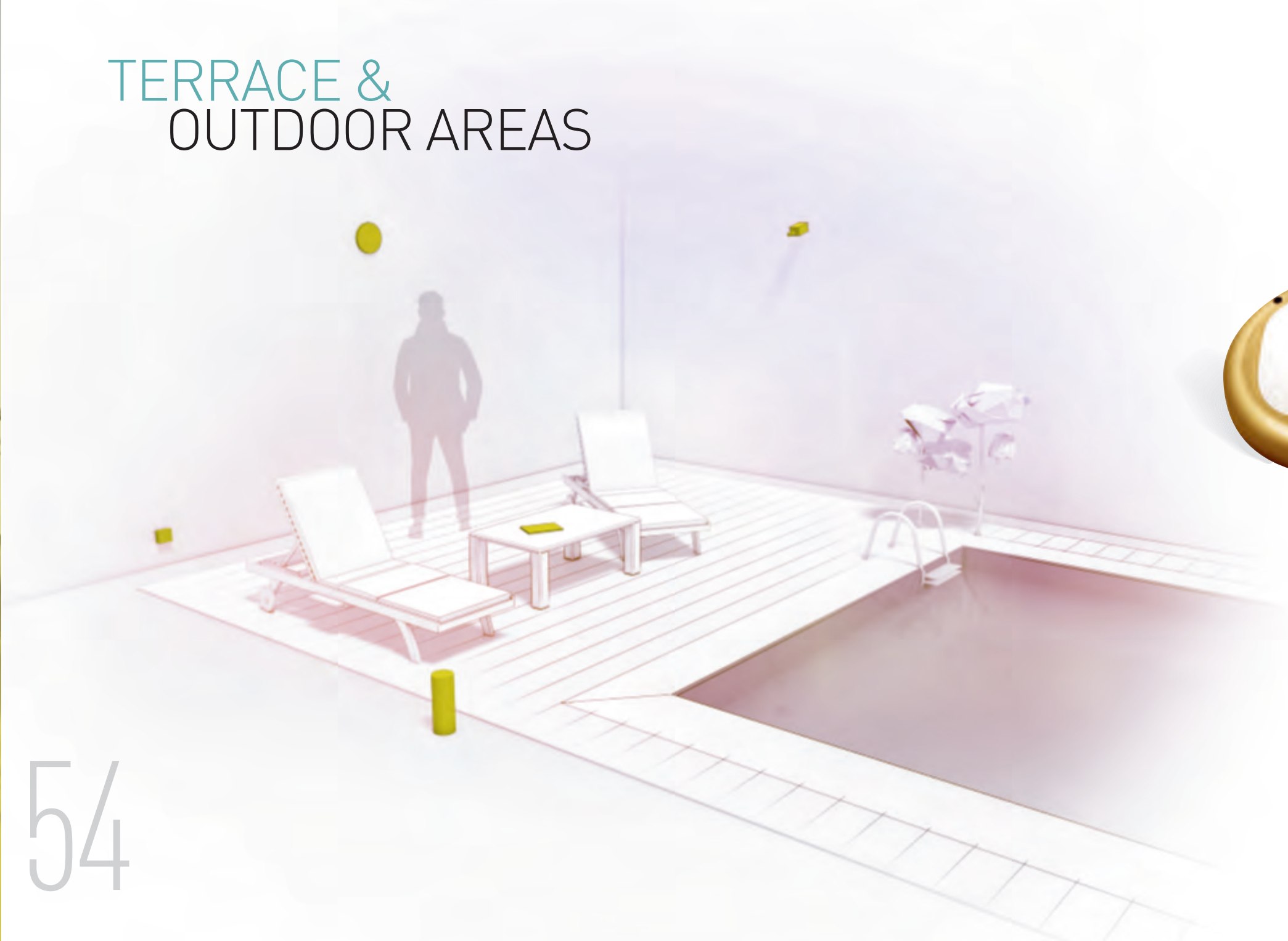
Enhance exterior walls and pillars with architectural LED bulkheads with built-in motion sensor and slimline, discreet LED luminaires.

Whether for illuminating paths or stairs, highlighting features or creating ambience: Sarlam and HPM steplights, slim bollards and recessed lighting for walls and floors are an in vogue choice for those with an eye for detail.

Soliroc weatherproof switches and sockets, a perfect match for the Group's outdoor luminaires.

Astro-timers for daylight dependent management of outdoor lighting.

Greater peace of mind: the use of outdoor cameras allows to supervise outdoor areas. Images from these cameras can be displayed on the MyHOME_Screen 10.

Manage and supervise your home, even from a distance.

Outdoor lighting not only highlights your home's architectural details and landscape, but, strategically placed, it also provides greater safety and security. By including outdoor areas in your home automation system you can easily increase the comfort and safety of your home.

OUTDOOR LIGHTING – ADDED SAFETY AND APPEAL
A well-lit property deters potential burglars and well-placed outdoor lighting contributes to create a soothing ambience and highlight certain features. Innovative outdoor lighting solutions from Legrand include LED based luminaires with built-in motion sensors, stylish bollards, pathway lighting and steplights etc.

INCLUDE OUTDOOR AREAS IN HOME AUTOMATION
Using a home automation system, you can set ambient lighting moods, the right music and a trickling fountain, all at the touch of a button. Depending on the weather, you can even ensure automatic control of water sprinklers, pool cover and awnings.
In combination with outdoor cameras the system allows you to monitor your outdoor areas, even remotely.

COMBINE SAFETY WITH SAVINGS
Daylight-dependent astro-timers or motion sensors automatically control pathway lighting to save energy and offer safety in the dark. Of course, it makes sense to automate the entire outdoor lighting network so that atmospheric lighting can be provided in the most energy-efficient way. Legrand's range of safe and secure electrical installations for outdoor areas is completed by its range of weatherproof wiring devices.

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Ⅼ┓legrand®

HEALTHCARE
SOLUTIONS

PATIENT
ROOMS

NURSES'
ROOM

ASSISTED
LIVING

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legrand®
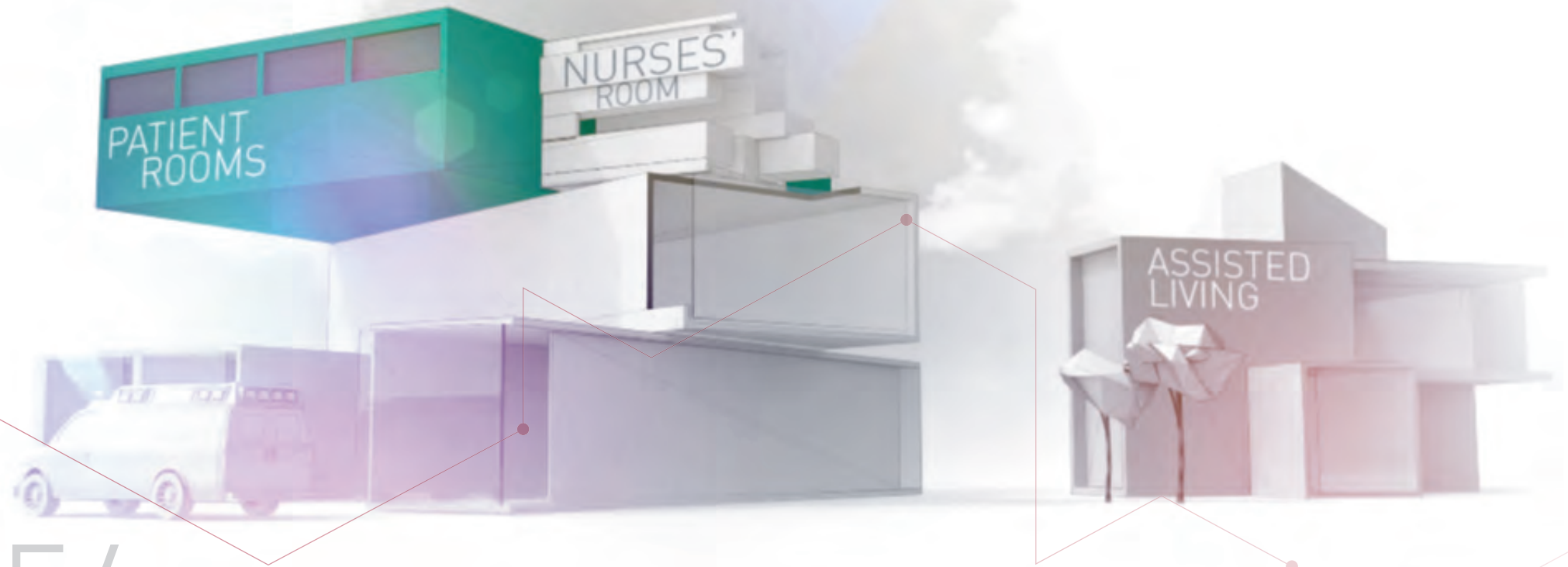
TECHNOLOGICAL CHALLENGES OF DEMOGRAPHIC CHANGE

The number of countries home to aging populations is on the rise, and so too is the need for medical services and care facilities to cope with them. These range from assisted living via care homes through to hospitals. The concept of home care and telecare is gaining significance as it not only reduces the costs associated with care and support, but also allows people to remain independent within their familiar home environment for as long as possible.

Legrand, Europe's second-largest player in the assisted living market, offers advanced solutions that meet the high standard of requirements relating to safety, continuous operation and hygiene for all kinds of medical environments.

PATIENT SAFETY
This is a priority in all environments – from home care and nursing homes through to hospitals.

GREATER EFFICIENCY FOR STAFF
Special equipment makes work easier for care staff and ensures an enhanced level of support.

IMPROVED QUALITY OF LIFE
Patients, relatives, staff and visitors alike can benefit from these new technological advances.

GREATER AUTONOMY
Modern technology is capable of fulfilling the fundamental human need for independence in ever more creative ways.

legrand

Trusted solutions for secured contact with telecare platforms fitting with local regulations (Intervox, Neat, Tynetec).

Connected gas, smoke or flood detectors.

Pill dispenser with alarm function.

Neat's TeleMedCare health monitor measures key vital parameters such as pulse frequency, blood pressure or blood-sugar levels accurately and reliably and transmits this information via the internet.

Securing living places by lighting up passages, providing easier access to lighting control devices or helping to avoid unnecessary movements.

Connected pendants or fall detectors on wrist bands allow to trigger an alarm.

Sensor mats for beds, chairs or on the floor for remote activity monitoring.

The market for electrical installations for serviced elderly residences and care and nursing homes is constantly growing. With its three specialist brands Intervox, Tynetec and Neat, Legrand is a key global provider for assisted living solutions from home care solutions through to telecare and telehealth solutions and networked systems for nursing homes.

PREVENTING FALLS
Trips and falls can frequently lead to critical injuries for the older generation. Dark areas represent a particular hazard; however, skirting lights, switches with a luminous crown, presence sensors, automatic switches and illuminated trunking provide a simple and effective way of reducing this risk.

ALERTING AND LIMITING CONSEQUENCES
To allow older people to remain independent in their own homes for as long as possible, it's important to secure living places extensively. Detectors can be fitted that not only trigger alarms in the event of gas, fire and water related emergencies, but also cut off the appropriate supply automatically in each case.

LIVING INDEPENDENTLY FOR LONGER
Legrand, European No.2 in telecare infrastructure, offers advanced and comprehensive systems in 30 countries that provide secure communication with care staff, alerts for relatives or emergency call centres, monitoring services for activities and remote diagnosis and analysis of medical values.

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L'I legrand

PATIENT
ROOMS

Excel Life™ Electresafe powerpoints with a built-in 10mA RCD which has a more sensitive tripping threshold to enable greater personal protection and fault detection of critical equipment.

Colour coded products easily identify different services giving the medical staff reliable access using IP connected devices for patient care.

The nurse call door unit makes it easy for patients to stay in contact with care staff.

Call devices for bathrooms for rapid help in emergencies.

Antimicrobial medical bedhead strips combine innovative connectors and lighting components to ensure comfort for the inpatient and efficiency for the staff. Possibility of integration with trunking for medical gases.

The ergonomic, antimicrobial handheld remote control for nurse call and easy control of shutters and lighting can be connected to the bedhead strip or secured to clothing.

More than 50 functions available with antimicrobial action.

In healthcare environments it's just as important to guarantee safety and comfort for patients as it is to make work easier and more efficient for care staff.
Legrand solutions for patient room equipment and staff assistance enhance the well-being for patients while also alleviating the increasing cost pressure within the sector.

PATIENT SAFETY FIRST
Electrical safety requirements are paramount for installations in medical environments. Circuits for critical devices have to be specially protected and clearly identified. Patients' safety is further enhanced through nurse call systems and emergency call points within reach in as many areas as possible.

COMFORT FOR INPATIENTS
Patient comfort improves quality of life and can speed up recovery times. To enhance well-being it's important to make sure that essential functions such as emergency call, lighting, shutters and Internet access are all within easy reach. Antimicrobial medical bedhead strips combine innovative connectors and lighting components to ensure comfort for the inpatient and efficiency for the staff.

MAXIMISING HYGIENE
Infections present a considerable risk to patients, making it vital to ensure maximum hygiene and avoid cross contamination. Legrand's dedicated solutions for healthcare environments from a wide range of wiring devices through to nurse call units come with an antimicrobial treatment which allows the majority of bacteria, fungi and viruses to be eliminated.

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L legrand

NURSES'
ROOM

Desk unit for the nurses' room for centralised emergency call management and handling.

The Touchsafe® Pro Wireless Nurse Call system from Tynetec is infinitely changeable and expandable.

Patients' secure wandering system for monitoring movements and notifying staff.

Corridor signalling devices and LED hall displays indicate where the emergency call is coming from.
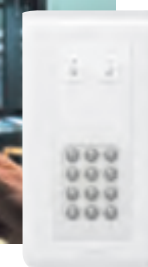
Access control devices for securing critical areas.

Legrand nurse call systems provide care staff with real time information and allow them to handle calls with optimum efficiency. They not only maximise staff efficiency, they also contribute to improving the overall quality of care offered to patients.

CENTRALISED INFORMATION
For maximum efficiency, all incoming emergency calls are managed centrally from the nurses' room. The desk top control unit enables forwarding calls to a DECT device or contacting patients via integrated interphone function. It also provides the option to make a general announcement.
For enhanced safety, the actimetry software allows to centrally monitor a patient's activity in the room during the night and to take immediate action if required.

TWO SYSTEMS AVAILABLE
In addition to its BUS/SCS based nurse call system which is compliant with VDE0834 standards, Legrand also offers a wireless system from Aid Call, a division of Tynetec. Aid Call's Touchsafe® Wireless Nurse Call is a secure, reliable professional system that meets the highest Class 1 European safety critical accreditation. It offers advanced safety and security features, complete flexibility and can be installed and updated with minimal disruption. Offerings are tailored to meet individual requirements and needs.

SECURITY IN THE PATIENT AREA
Critical areas such as pharmacies or offices containing patient records must be secured against unauthorised access. Various control mechanisms – from badge readers to biometric access control – are in place to ensure that only authorised persons may access certain areas. In case patients need to be monitored for their own safety (such as those in Alzheimer facilities) secure wandering systems track movements and notify care staff if a patient leaves a defined area.

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L legrand®

OFFICE
SOLUTIONS

INDIVIDUAL OFFICES

MEETING ROOM

OPEN SPACE

GREATER FLEXIBILITY BOOSTS PRODUCTIVITY

The way we work is constantly changing and so are the technical requirements that modern office buildings have to fulfil: areas for people to work independently are just as important as spaces for collaborative activities. Easy and flexible access to data and the Internet anywhere, any time, are mandatory to enable seamless transitions between all modes of working at all times. And given the economical and ecological challenges we face, the overall way of designing, constructing and renovating buildings needs to be increasingly sustainable. Thanks to the solutions offered by Legrand, these challenges are no longer an issue.

ADAPTABILITY
Energy and data networks can be easily adapted to new room layouts and extended cost-effectively with minimal time and effort.

BOOSTING PRODUCTIVITY
The range of connection options for all types of modern office technology enables easy access to reliable data networks.

ENERGY EFFICIENCY
Operating costs can be reduced by monitoring and measuring energy consumption levels, and by implementing lighting management systems and intelligent control of selected power circuits.

L¬ legrand®

INDIVIDUAL
OFFICES

Cable spines create neat, tidy work spaces by concealing cables between the floor and the desk.

Room thermostats or scenario controls for easy adjustment of temperature and lighting to individual requirements.

Desk grommet for convenient charging of mobile devices and access to data.

Available ready to use or as a customisable solution, desktop multi-outlet extensions are ideal for on-the-go and flexibility needs.

Increase energy efficiency through the use of motion sensors, daylight responsive lighting controls or dimmers for dimmable LEDs or CFLs.

Wherever your project – Legrand provides the suitable standard.
Mini columns fitted with Arteor mechanisms supply workstations with power and data.

Trunking solutions available in different materials and colour options: PVC, steel or aluminium, in white, alu or black.
Can be fitted with various wiring accessories.

Team work is becoming the basis of day to day business.
But this doesn't mean that individual offices are a thing of the past.
Indeed, whether they're used for independent working, private meetings or even for status reasons, individual offices are still very much a necessity.

CREATE A PRODUCTIVE WORKING ENVIRONMENT
Modern electrical installations help to create a convenient and productive working environment, which is enhanced by a range of pre-programmed scenarios for lighting, blinds and temperature.
At the same time, energy bills can be reduced through the use of daylight-responsive and/or motion-controlled lighting, dimmers for all types of modern loads (including dimmable CFLs and LEDs), or intelligent room thermostats.

FLEXIBLE ACCESS TO POWER AND DATA
Trunking is a fast-fitting and cost-efficient scalable solution for supplying workstations with power and data. It can be adapted to suit any room layout and it is easy to retrofit or move. Fitted with wiring devices such as Arteor or Mosaic it can suit different standards. What's more, to ensure that the necessary connection points are available right where you need them, office furniture can be fitted with desk grommets for data connection and

mobile charging. Desktop modules with power and data sockets, as well as a Wi-Fi connection provide a high degree of flexibility as they adapt to any configuration without the need for drilling through the furniture.

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L legrand®

OPEN
SPACE

Manageable Wi-Fi access points for false ceiling – for network extension up to 600m^2 free space.
LCS^2 area distribution boxes for copper and fibre optic: easy consolidation and redistribution close to the workstation.

Kaleïs cable management systems, technical flooring, busbars - complete solutions that adapt easily and facilitate change.

Wi-Fi access point

LCS^2 area box

Vertical distribution through columns.

Flush-mounting office modules are made-to-measure and factory assembled according to your specifications.

Steel perimeter trunking from Legrand – flexible, fast-fitting and safe. Tough enough for high traffic environments.

Optimised control with BUS/KNX solutions : Presence/movement detection, light level measurement, dimming, heating, air conditioning.

Green sockets combined with a time switch allow for automatic disconnection of the power supply for office equipment such as printers or photocopiers during the night or at weekends.

Carefully designed, open-plan office concepts cater perfectly to the needs of the millennial workforce, for whom workspaces that promote cooperation are essential for boosting creativity. Also, they are highly adaptable, and allow office interiors to easily accommodate the constant and rapid change in today's business processes and organisation.

END-TO-END SOLUTIONS FOR DISTRIBUTING CURRENTS
Legrand offers a wide array of systems for distributing power and data depending on the building infrastructure: false or open ceiling, concrete floor or raised access floor and perimeter.
Kaleïs, a multifunctional and stylish cable management system for buildings without false ceiling brings power and data where users need it.

For efficient distribution through the floor, the Soluflex floor system can be combined with Cablofil wire mesh cable tray, ultra-compact powertrack busbar systems and floor boxes fitted with Arteor power and data sockets.
The overall modular design allows all connections to accommodate new digital equipment to be fitted within easy reach.

LIGHTING MANAGEMENT FOR A SUSTAINABLE USE OF ENERGY
Energy management using scheduled or presence based lighting, temperature and appliance control reduces energy consumption and increases savings. Legrand offers an extensive range of products covering everything from stand-alone solutions to BUS/KNX systems, designed ideally for low consumption accredited constructions.

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L7 legrand

MEETING
ROOM

70

InteGreat™ A/V table boxes extend communication and A/V to the meeting presenter's point of use.

OFR Series Overfloor Raceway. Perfect when feeding cables from the floor below is not possible.

The Vista Point5 table leg can nestle into the centre of a contemporary conference table or double as one of the support legs.

A/V Credenza rack with built-in thermostatically controlled cooling for housing key equipment for video conferencing and multimedia presentations.

Evolution™ Series Ceiling boxes. Designed to house, manage and maintain A/V and technology equipment.

InteGreat™ Series. A complete system to create a single and secure pathway for cables and wires from the infrastructure to the point of use.

Rapid Run® in-wall A/V solution, carries multiple signals over a single cable. Superior signal transfer rates and flexibility.

L egrand's worldwide meeting room solutions answer today's rising demand for more flexible and productive work environments. Through its US specialist solutions from Wiremold, Middle Atlantic and Lastar, the Group offers a stunning range of options for fitting out state-of-the-art meeting rooms which are well-organised and can be easily adapted to a wide range of uses.

PERFECT INTEGRATION WITH BUILT-IN FLEXIBILITY
The current trends in workplace design to allocate more and more space to meetings present a challenge for routing and managing cables from the infrastructure to the point of use. The InteGreat™ Series from Wiremold® is designed as a single system to manage cabling over the "last metre" to the work surface: from Meeting Room Transition Channel, via Under Table Cable management through to AV table boxes.

A SMARTER CONFERENCE TABLE
Vista Point5 Multi-service Conference Columns provide power, voice, data and A/V connections to the conference table without disrupting conference space. Access to outlets and jacks keeps the floor free from running cords and cables.

SUPPORTING PRODUCTIVITY ENHANCING TECHNOLOGY
A/V equipment, interactive whiteboards, video conferencing equipment and more. Legrand not only offers integrated connection solutions for presentation technology, but also technical furniture for housing key equipment for video conferencing. For smaller spaces, where credenzas and racks won't fit, plenum approved ceiling boxes for localized mounting of A/V and IT technology are a perfect option.

OFFICE SOLUTIONS

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Legrand®

DATA CENTER
SOLUTIONS

WHITE
ROOM

SAFETY
& SECURITY

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DATA
THE NEW
ECONOMIC
CURRENCY

Big data, cloud computing, Internet of Things:
The IT infrastructure is as vital for business as electricity itself. They need to cope with constantly increasing levels of data density and ever faster capacity upgrades. Through its specialists such as Minkels, SJ Manufacturing or Ortronics, Legrand perfectly addresses the key challenges of data centers: energy efficiency, uninterrupted data availability, scalability and security.
As a real one-stop-shop, the Group also offers comprehensive technical support every step of the way, from project planning and implementation right through to after-sales service.

EFFICIENCY
Improving the energy efficiency is an absolute priority as this allows the reduction of both operating costs and CO_2 emissions, while ensuring ever higher performance.

AVAILABILITY
Constant accessibility to a reliable high performance network is a decisive competitive factor, as the cost of an outage can be very substantial.

SCALABILITY
A modular approach is essential for future-proofing server rooms that need to adapt to massive growth in data volume.

SAFETY AND SECURITY
Protection of data against loss and unauthorised access is crucial for any business.

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WHITE ROOM
& TECHNICAL ROOM
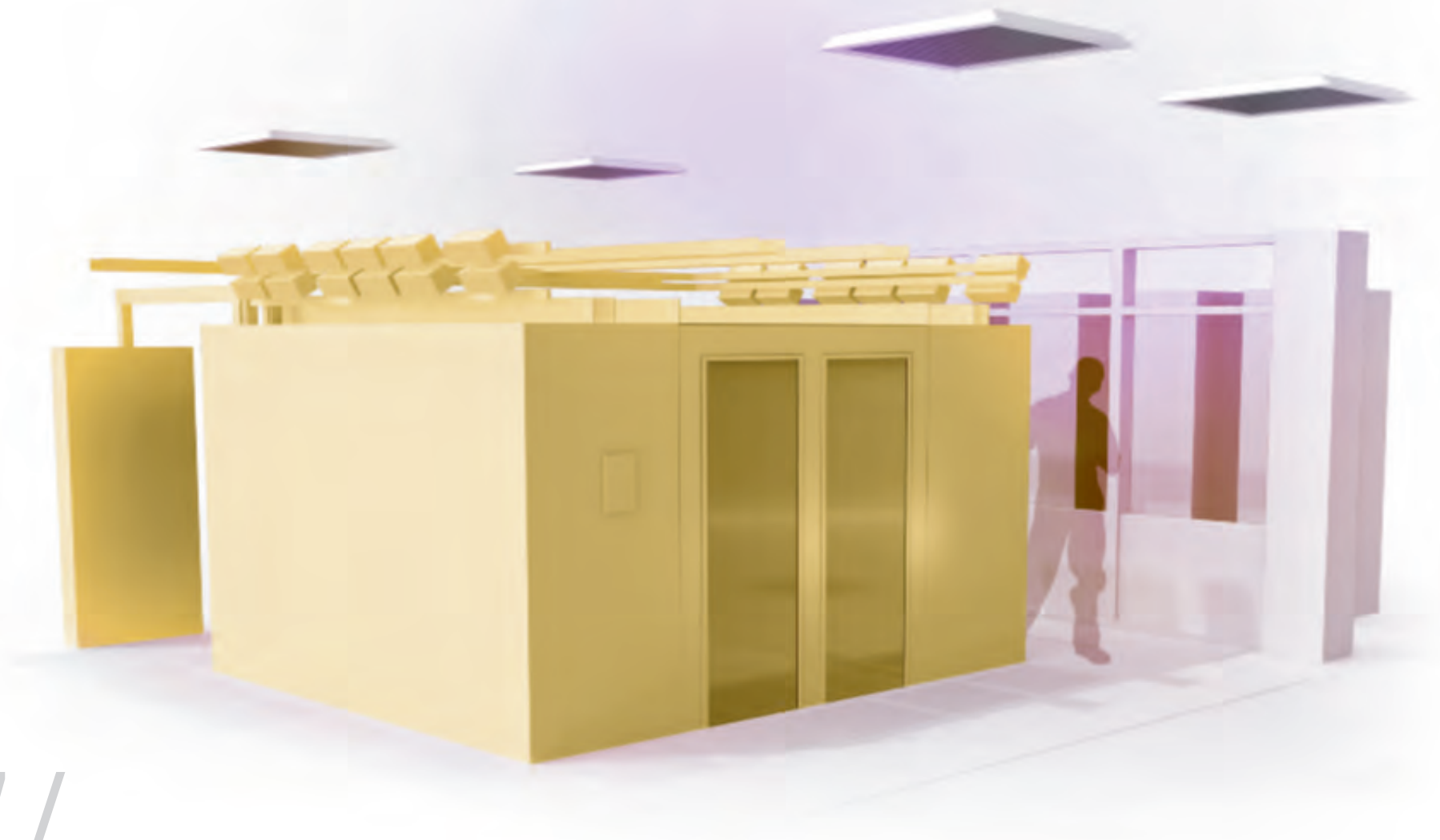
Minkels VariCondition Cold Corridor® provides an average of 30 % energy savings. The modular structure of the containment system perfectly adapts to suit new requirements and integrates with cooling systems, cable management, security and monitoring systems.

The VariCondition-H_2O row-based water cooling system is designed to solve high density challenges in the most energy efficient and cost effective way.

Ortronics Mighty Mo®
More cooling with less energy: honeycomb side rails offer better equipment ventilation, while airflow baffles isolate cold and hot corridor air effectively.

Legrand Green T.HE transformer - ensures a consistent reduction in energy consumption.

Raritan Intelligent PDUs
They not only ensure reliable power distribution to servers, but also provide advanced features like power metering, environmental monitoring and remote outlet control.

Monitorable capacitor banks improve the voltage level at the end of the line.

As data centers have huge energy requirements, operators face the need to optimize operating costs by increasing energy efficiency levels and harnessing all energy saving options. Meanwhile they also have to maintain high performance levels and ensure uninterrupted data availability. Legrand provides state-of-the-art responses to the need to improve the PUE (Power Usage Effectiveness) and thereby the data center efficiency.

OPTIMIZED COOLING SOLUTIONS
Cooling plays a key role within data centers, as any kind of overheating could cause servers to fail.
And as cooling requires a great deal of energy, choosing the appropriate cooling system is one of the key concerns in today's data center design. Legrand's efficient cooling systems range from row-based solutions which provide cooling as close as possible to the server to ultra-modular free-standing aisle containment systems.

REDUCING POWER LOSSES AND CARBON FOOTPRINT
Approaches to increase energy efficiency levels also include solutions for reducing power losses and improving energy quality.
The Green T.HE transformer provides high energy efficiency with a lower environmental footprint. Capacitor banks allow to increase the all-round output of the electrical installation and also reduce electricity costs.
To size your capacitor banks correctly the Legrand Group offers a service to assess your actual needs.

EXPERT SUPPORT EVERY STEP OF THE WAY
Thanks to its worldwide network of partners, Legrand supports you during the decisive stages of your project: the selection of the right cooling system when defining the white room's design and its correct sizing in relation to the power of the servers.
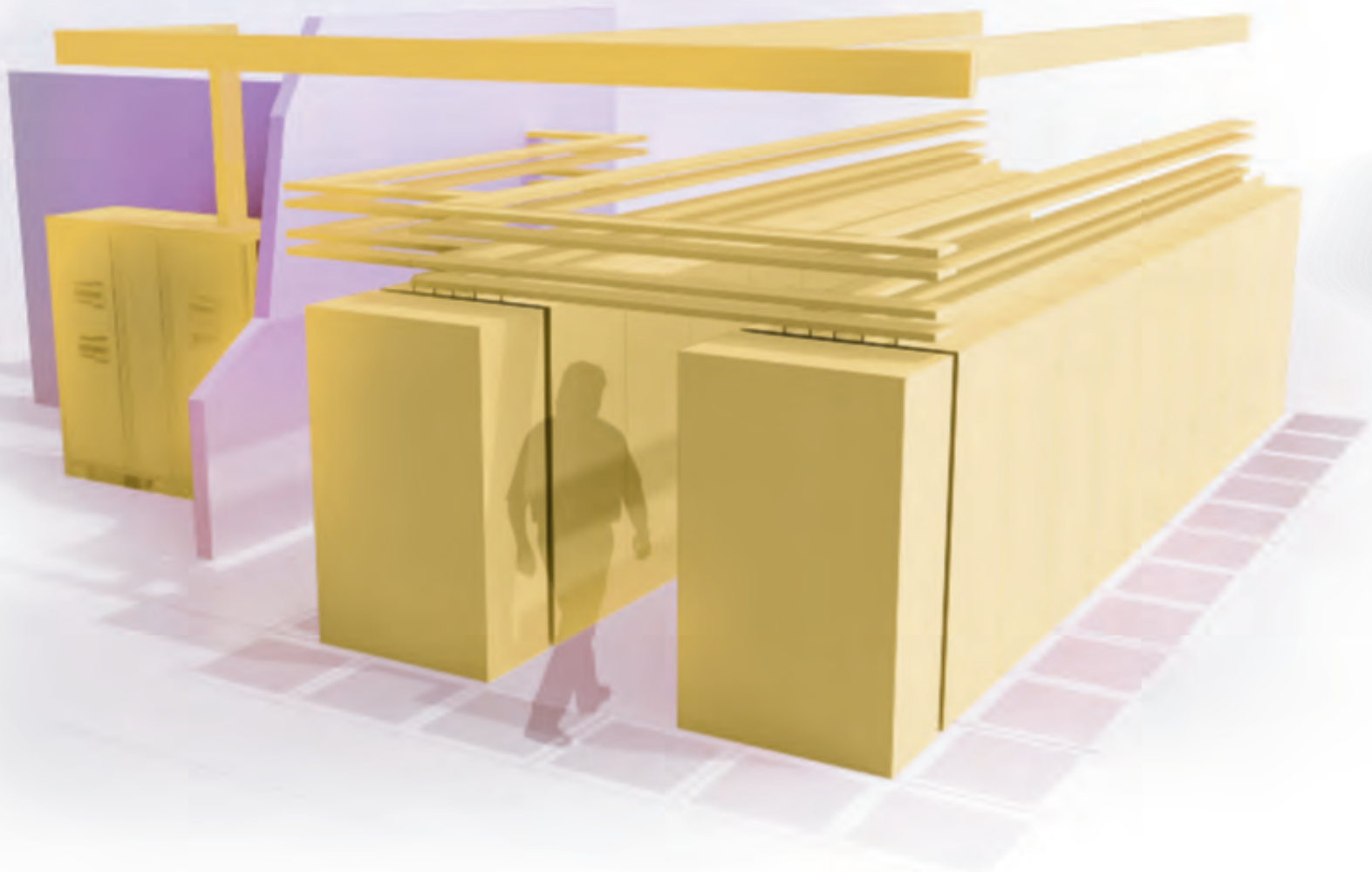
DATA CENTER SOLUTIONS

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WHITE ROOM
& TECHNICAL ROOM

Hot swap system – components can be added or replaced in an installation while energized with no break in service.

"Hot plug" energy distribution solutions – optimized availability guaranteed.

Busbar equipped with smart tap-off boxes: entirely modular it offers the flexibility needed to respond to dynamic and evolving power requirements.

Archimod HE: a top-performing modular UPS featuring certified efficiency up to 96% and a unity power factor.

Superior performance, designed for space-constrained installations: High Density copper and fiber optic solutions from Ortronics.

LCS[2] fibre optic drawer – entirely accessible for ease of use and maintenance.

Mighty Mo racks and cabinets come with higher weight thresholds for adding equipment as necessary. Overhead cable pathway racks provide a cable routing alternative, as well as room for additional patch panels.

Anyone who invests needs peace of mind. In data centers this equates to the certainty of constant access to a high performance network and the adaptability of installations to suit future requirements. Not to mention protection against data losses during operation.

OPTIMUM SERVICE CONTINUITY
A continuous clean power supply with no electrical disturbance is absolutely essential for ensuring reliable operations. Legrand's range of UPS meet the highest standards in terms of efficiency and flexibility. Modular UPS such as Archimod HE feature an expandable architecture and enable components to be changed with no break in service.

HIGH PERFORMANCE
Data volumes continue to grow exponentially and data center infrastructures need to follow suit. Copper and fiber optic structured cabling solutions such as LCS[2] or High Density solutions from Ortronics offer superior performance and reliability while saving space.

SCALABILITY AT ALL LEVELS
Modern server rooms need to adapt easily and quickly to constantly changing requirements. Expansions and upgrades need to be feasible without any interruptions to ongoing operations. To ensure the flexibility needed, an overall modular approach in server room design is essential. Legrand solutions enable to anticipate needs and provide an infrastructure that is scalable at all levels: from energy distribution and back-up power supply through to the cooling and the network itself.

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L7 legrand®

SAFETY
& SECURITY

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Cablofil wire mesh cable tray protects network performance by safeguarding the integrity of the cable.

EZ-Path® certified mechanical firestop system – durable, fast, adaptable.

CCTV systems include supervision tools and can be integrated with third party software.

Locking systems on each cabinet ensure rack level security. Solutions inlude HID based rack security with centralised access management and remote administration.

Specifically designed for data centers, the P31 OFT range of cable trays for optical fiber and copper cables provides optimum protection for cables against the risk of crushing or cutting.

SJ Manufacturing IMsuite - The Modular Suite System enables the effective and secure segregation of customers and equipment while retaining unlimited scalability.

Solutions suitable for third-party integration – from centralised badge and fingerprint readers to supervision systems.

D ata centers and the strategic data they host have to be protected against a variety of hazards, from unauthorised access to damage caused by either internal or external incidents such as overheating, fire, electrostatic discharge, etc. Obviously, optimum safety and security needs to be ensured as well for all workers and visitors on the site.

OPTIMUM SAFETY
To ensure that operations can continue to run smoothly, it is important to protect not only cables, but also entire installations from external hazards.
Legrand and Cablofil cable management solutions are particularly helpful when it comes to protecting cables, as they are specifically designed to maintain the bend radius and ensure there are no sharp edges. The EZ-PATH mechanical firestop caulking system provides optimal protection against fire spreading,

whatever the load factor of the cables. It enables cables to be added or removed without affecting the fire stop performance.

MAXIMUM SECURITY
To avoid any kind of physical intrusion, Legrand offers a wide range of solutions to ensure both global and targeted protection. From CCTV systems for optimum indoor and outdoor video surveillance through to solutions that control access to both, the location and the cabinet.

Unauthorised access to the location can be prevented through access control systems such as coded keypads, badge or fingerprint readers. They can all be integrated with third party solutions.
Servers can be secured through the use of co-location cabinets that create a physical separation between servers for different customers. Locking systems on each cabinet secure access to the cabinet.

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INDUSTRIAL
SOLUTIONS

EXTREME
ENVIRONMENTS

PROCESSING
AREAS

L-legrand®

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MAXIMUM SERVICE CONTINUITY & DURABILITY

Chemical and food processing industries, on-shore and off-shore installations, infrastructure – the demands on electrical installations in these sectors are as varied as the industries themselves. They call for specific solutions which are durable, steadfast, hygienic and often require certification.
For all sectors, however, a standard-compliant, safe and efficient power supply, which can quickly be implemented, serviced, modified and extended, is an absolute necessity. Combining safety, adaptability and sturdiness, Legrand solutions for industrial applications endeavour to ensure long-term competitiveness.

LESS DOWNTIME – MORE EFFICIENCY
An efficient and reliable power supply guarantees uninterrupted machine and system operation, as well as maximum safety for people on site.

HIGH FLEXIBILITY
Installations need to be highly flexible, enabling quick reconfiguration while facilitating maintenance operations.

OUTSTANDING DURABILITY
Heavy loads, saline environments, mechanical stress – only the strongest and best equipment can cope with harsh industrial conditions.

MADE-TO-ORDER
Customised solutions provide tailor-made answers whatever your need and level of requirement.

INDUSTRIAL SOLUTIONS

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PROCESSING
AREAS

legrand

Zucchini SCP high power busbars ensure scalability, dependability and hassle-free deployment.

Motor protection circuit breakers, industrial contactors and thermal relays for motor control and protection such as in pumps, compressors, conveyors etc.
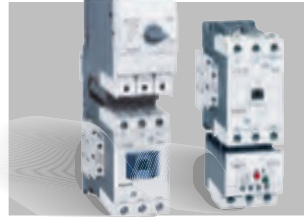
Transcab open slot panel trunking and Viking 3 terminal blocks with CAB 3 marking system. Ultra-reliable connections, clearly marked.
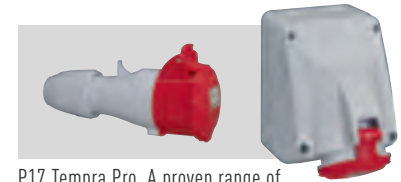
P17 Tempra Pro. A proven range of industrial sockets – IP44 and IP 66/67.

Efficient protection for cables and connections through RTA flexible conduits in polyamide and PVC.
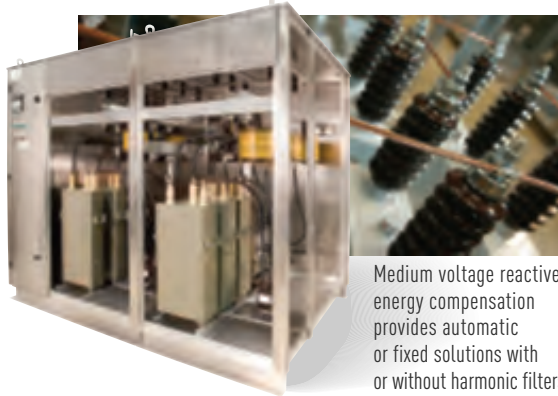
Medium voltage reactive energy compensation provides automatic or fixed solutions with or without harmonic filters.

Supply inverters answer the double need of continuity of service and greater security.

Altis industrial enclosures: perforations, heat regulation and painting to order.

Atlantic stainless steel hygienic design cabinets, ideal for food & beverage industries.

For optimum productivity and cost effectiveness, manufacturing plants need stable, high performance installations that not only guarantee safety and efficiency, but also uninterrupted system operation.

MAXIMISE ENERGY QUALITY AND ENERGY EFFICIENCY
Reactive power compensation systems allow you to increase the all-round output of an electrical installation. They improve the power factor by reducing levels of system losses. For monitoring parameters of the installation and management of energy consumption, Legrand provides various metering and measurement solutions as well as a power supervision system.

RELIABLE AND FLEXIBLE ENERGY DISTRIBUTION
The Zucchini busbar system up to 6300 A meets all installation requirements: it combines easy installation with flexibility, durability and safety. The system forms a complete solution for connecting power stations or transformers to the main panel or distributing power around the building including the rising mains.

INDUSTRIAL STRENGTH SOLUTIONS
From industrial cabinets to switchgear, from cable conduits to industrial sockets and other accessories: industrial strength solutions from Legrand can be used in a broad range of environments. Industrial enclosures and cabinets are available in a variety of materials. They can be equipped and configured to meet the precise needs of customers.
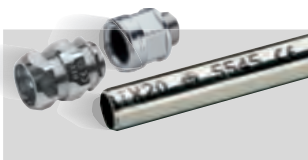
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L legrand®

EXTREME
ENVIRONMENTS

RTA rigid conduits are compliant with ATEX regulations.

Manual controller: impact-, chemical- and temperature resistant. Rated for hazardous locations.

Fusible Mechanical Interlocks, extra-rugged construction, NEMA 4X and 12 watertight rated.

First-class high-performance solutions, customisable to meet the specific requirements of large scale projects.

Marina enclosures and cabinets in fibreglass reinforced polyester for saline atmospheres or other corrosive and harsh environments.

Hypra industrial sockets and combined units provide maximum durability.

Legrand Zucchini transformers for power and energy distribution and propulsion for naval and offshore applications. Certified by the most important classification bodies.

Lloyd's Register

Industrial installations must be reliable and function safely even under extreme environmental conditions: high temperatures, UV radiation, high-pressure water jets, corrosive substances, salt water, heavy mechanical forces and other factors demand maximum robustness and safety.

COST-EFFECTIVENESS AND DURABILITY

Cable management solutions from Legrand are all designed to offer maximum durability and optimise cost-effectiveness. They combine extreme robustness with quick fitting and easy on-site reconfiguration.

With more than 200,000 km of trays installed across the globe, Cablofil is the world's most tested and specified wire mesh cable tray. It is suitable for all applications including marine environments and food processing factories.

Swifts cable ladders and metal cable trays are trusted for both large and small installations – up to extra-heavy-duty installations in refineries and heavy industrial applications.

PVC or systems made from GRP are ideal for industrial configurations in corrosive environments where strong mechanical resistance is essential – for example, in rail and road tunnels, chemical sites or nuclear power stations.
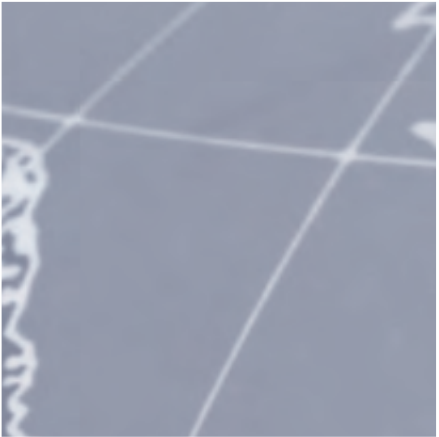
WITHSTANDING EXTREME ENVIRONMENTS

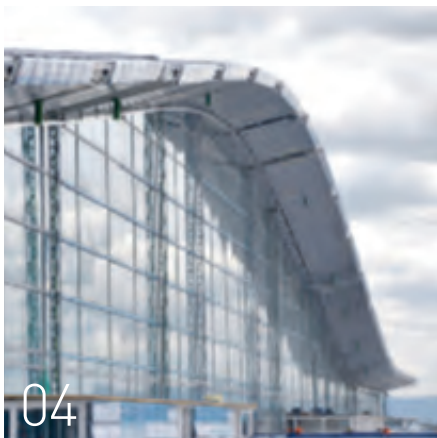Saline atmospheres and other corrosive and extreme environments are a particular endurance test for the electrical installation. Legrand offers a wide range of specific solutions responding to these challenges. From transformers via industrial enclosures and combined units through to ATEX conduits: they are designed to withstand even the most severe conditions.
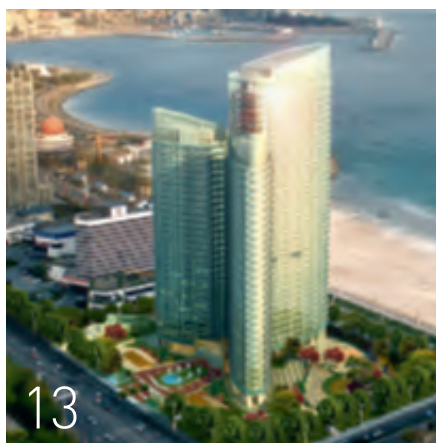
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Showcase
projects

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02

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