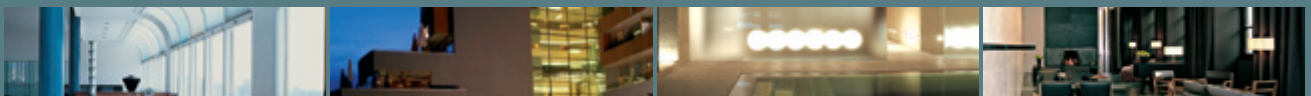
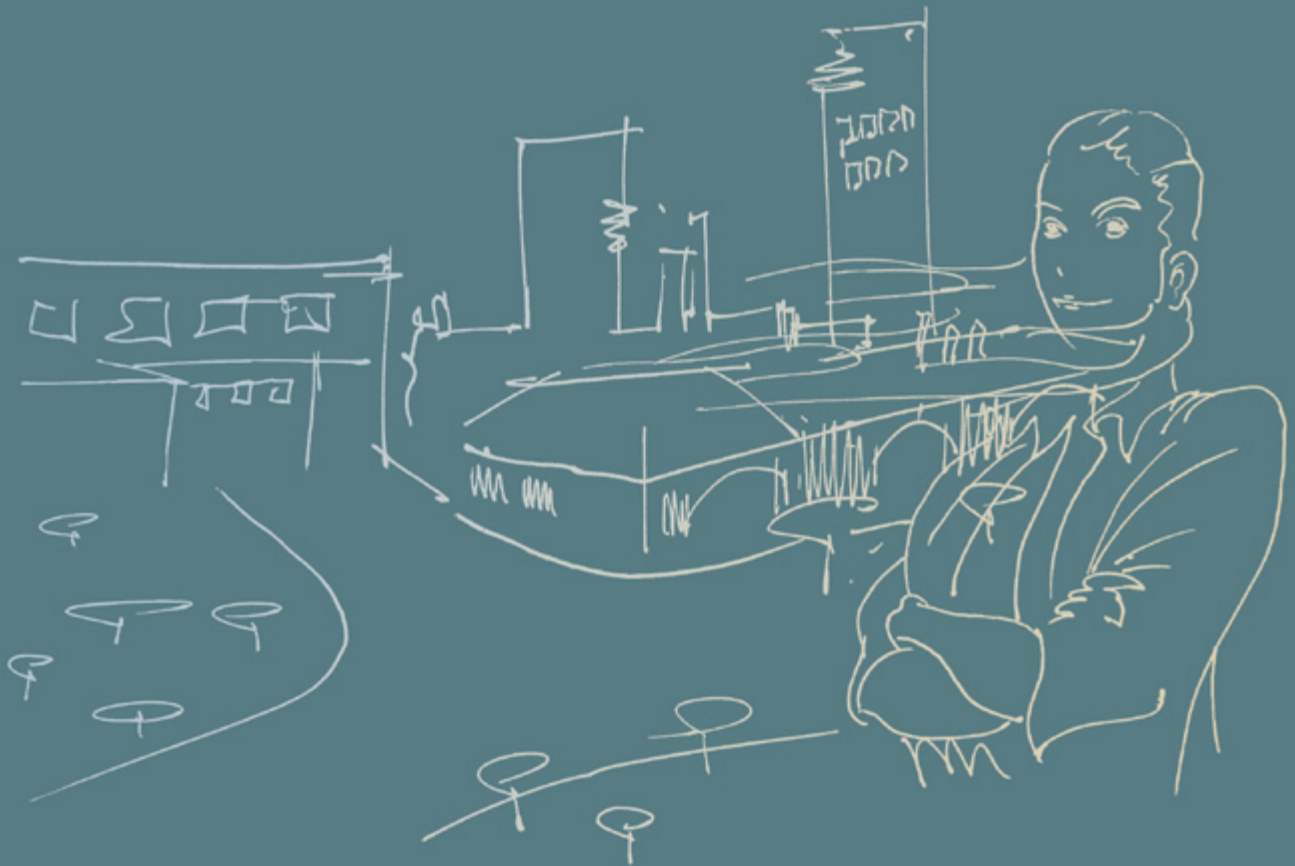


Building success together

EDITION 2010/2011



INTEGRATED SOLUTIONS FOR GLOBAL PROJECTS

 **legrand®**

BUILDING PROJECTS SUCCESSFULLY

In a context of accelerated globalisation and increasingly complex projects, **the support of a reliable and competent partner** is absolutely essential, a real key to the success of your company.

“OUR COMPREHENSIVE
AND RELIABLE SOLUTIONS
AND SERVICES ENABLE
YOU TO FULLY EXPRESS
YOUR VISION WORLDWIDE.”

Choosing the Legrand Group means the assurance of benefiting from **global expertise** throughout the world thanks to its strong local presence.
A vast choice of carefully styled products compose solutions which in turn form coherent systems incorporating the latest technological innovations.

Choosing Legrand also means you are sure to be assisted by professionals **at your service any time**, from your project’s design through to its completion.

This document aims to introduce you to just some of the solutions the Legrand Group has on offer.

To find out more, feel free to email our dedicated key accounts team.

SOME SHOWCASE PROJECTS



Badehaus Metzler (Austria)



Sapphire (Turkey)



Tian Chun Island Villa (China)



TNT Veenendaal (Netherlands)

02-03	LEGRAND AT A GLANCE
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68-69	AT YOUR SERVICE

LEGRAND A BENCHMARK PLAYER

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



One of the most complete offers on the market
170 000 catalogue items!
For you, the wealth of the Legrand Group's catalogue offer is the guarantee that you will find the products and solutions best suited to your specific requirements in terms of electrical installations and communication networks.



The world leader in wiring devices and cable management
Legrand is the world No.1 in two areas: wiring devices (19% market share) and cable management products (15% market share). Legrand also offers complete integrated solutions for a wide range of applications.



Continuous innovation
In 2009, more than 1800 people were dedicated full-time to research and development. On average, Legrand invests between 4% and 5% of its sales each year in R&D.

98 product families forming a comprehensive system offer for any type of project

Leading positions in close to **30** countries

Close to **4 600** patents covering about 1 700 different systems and technologies

AN ACTIVE INTERNATIONAL PRESENCE
More than 70 subsidiaries and offices, sales in close to 180 countries

Asia, Middle East and Pacific
Australia • China • Hong-Kong • India • Indonesia • Iran • Jordan • Kazakhstan • Lebanon • Malaysia • New Zealand • Philippines • Qatar • Saudi Arabia • Singapore • South Korea • Syria • Thailand • United Arab Emirates • Uzbekistan • Vietnam

The Americas
Brazil • Canada • Chile • Colombia • Costa Rica • Mexico • Peru • United States • Venezuela

Europe and Africa
Algeria • Austria • Belarus • Belgium • Bosnia-Herzegovina • Bulgaria • Croatia • Czech Republic • Denmark • Egypt • Estonia • France • Germany • Greece • Hungary • Ireland • Italy • Libya • Lithuania • Morocco • Netherlands • Poland • Portugal • Romania • Russia • Serbia and Montenegro • Senegal • Slovakia • Slovenia • South Africa • Spain • Switzerland • Tunisia • Turkey • Ukraine • United Kingdom



A complete range of purpose-built systems for all types of electrical installation and data network applications:

■ Installation Control and Command

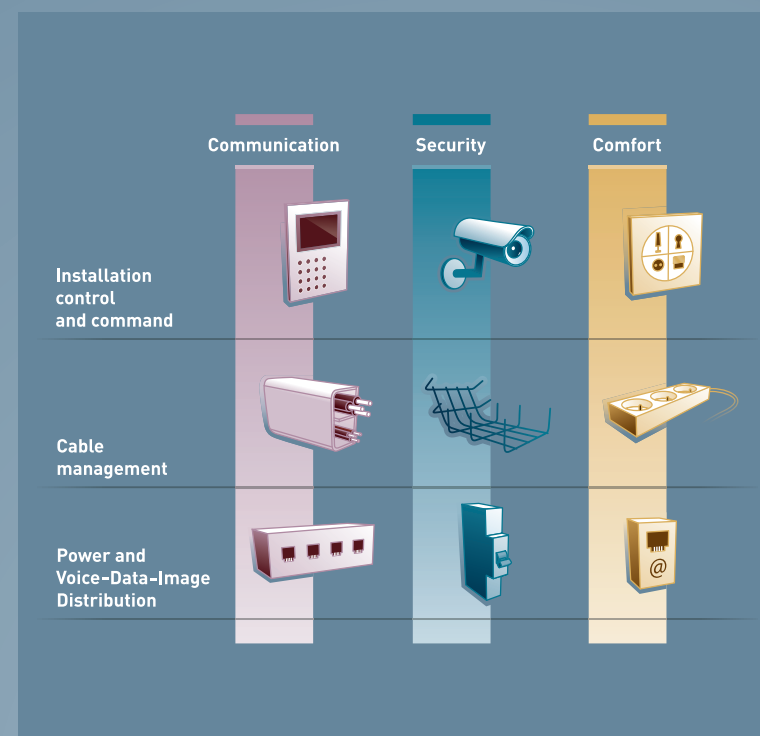
Products and solutions for comfort, energy efficiency, communication and security management and installation control: wiring devices, home automation systems, door entry systems, surveillance and burglar alarms...

■ Cable Management

Every solution needed for routing power and data cables throughout the building and for connecting the workstation. Trunking and mini-trunking, cable trays, floor boxes and technical floors, columns, multi-outlet units...

■ Power and Voice-Data-Image Distribution

Every product and system needed for distributing energy,



protecting people and property and enhancing energy efficiency: Cabinets and enclosures, circuit breakers, transformers and busbars, capacitor banks and analyzers...

Every solution needed for circulation of data throughout the building: Cabinets and enclosures, fibre optic and copper cable connectors, RJ45 sockets and WiFi access points...



WORLDWIDE BRANDS LEGRAND • BTICINO

Local or specialist brands

Alpes Technologies • Anam • Arnould
 • Cablofil • Cemar • Electrak • Estap • Famco
 • HDL • HPM • Kontaktor • Krieg & Zivy • Lorenzetti
 • Luminex • Nelson • Ortronics • Pass & Seymour
 • Pial • Planet Wattohm • Quintela • Sarlam • Shidean
 • TCL • Tegui • URA • Van Geel • Vantage • Watt Stopper
 • Wiremold • Zucchini



COMPLETE SOLUTIONS FOR EVERY PROJECT

Whether for residential, commercial or industrial buildings, the Legrand Group proposes complete solutions through to home systems and building automation.

SUSTAINABLE DEVELOPMENT BECAUSE TOMORROW BEGINS TODAY

For many years Legrand has been committed to a process of continuous improvement to ensure the profitable and sustainable long-term growth of its business. Combining long-term performance with protection of the environment and enhancement of human capital is a major concern for the Group.

Sustainability, a global approach

Legrand's commitment to sustainable development covers three areas: corporate social responsibility, the environment and governance. Projects aiming to develop access to electricity, solutions for assisted living, eco-solutions for sustainable



energy use, involving suppliers in the Group's sustainable development approach - these various initiatives all provide a targeted response to today's environmental, economic and social concerns, and those of tomorrow.

Reducing the environmental footprint of our industrial sites

Since 1996, Legrand has

integrated environmental protection and environmental management into how we run our industrial sites.



In 2009 energy-focused Kaizen events implemented at Legrand's French sites enabled a reduction in CO₂ emissions by 1890 T eq. CO₂ compared to 2008

By 2009, 84% of our sites worldwide and 96% of our European units had achieved ISO 14001 environmental management certification. Our efforts are currently focused on cutting energy and water consumption, waste reclamation, and educational measures.

Controlling the use of chemicals

In the manufacture of its products the Legrand Group takes into account the European directives and regulations concerning the management of substances

(REACH, RoHS, etc.). In particular, it has committed itself to excluding any materials or items targeted by the REACH directive from the



development of its new ranges. Today, Legrand involves everybody, from staff through to suppliers and customers, in a transparency and accountability-based approach.

The eco-design approach

Eco-design is an approach that focuses on optimizing the environmental impact of a product, throughout its lifecycle. Legrand has been applying eco-design for several years now, and by the end of 2009, 70% of the Group's design offices were using an eco-design approach.

For further information, please visit our website: www.legrandgroup.com

Corporate Social Responsibility

Voluntary initiatives such as signing up to the Global Compact or meeting the stringent social and environmental criteria of the FTSE4Good* Index form part of an overall policy of transparency highlighting Legrand's determined commitment to Corporate Social Responsibility.

* Based on evaluation 2010 and subject to annual re-evaluation



← Eco-design and Product Environmental Profiles

The application of eco-design on Altis enclosures allowed to decrease their impact on the depletion of natural resources by 57%. Product environmental profiles provide customers with environmental information about the product.



← Promotion of Energy Efficiency

Operating at the very heart of the major changes affecting the buildings of tomorrow, Legrand not only provides innovative solutions to enhance energy management in any kind of building. New offerings such as solar-cell equipment protection devices accelerate the use of renewable energies.

NON-RESIDENTIAL BUILDINGS

Manage energy consumption at building level



Substantial reductions in power consumption can be achieved through Zucchini high performance transformers by reducing no-load losses. Capacitor banks improve the output of your electrical installation by increasing real power. Analyzers, measuring instruments and supervision solutions allow to monitor electrical parameters closely, to detect and pre-empt problems and thereby optimize electrical power delivery.

Manage building applications sustainably and reduce the specific electricity consumption



Significant energy savings can be achieved through automatic switches, switch sensors, integrated BUS solutions for lighting management or eco-designed emergency lighting units with long-life low-energy LEDs. Programming systems allowing disconnection of certain circuits according to time slots contribute to optimizing the consumption of electricity-using office appliances.

ENERGY EFFICIENCY THROUGH SUSTAINABLE BEHAVIOUR



Legrand deploys a global energy efficiency policy, conveyed by 3 main vectors:

- Solutions for better consumption control in buildings, giving access to higher-quality energy and favouring the use of renewable energy sources.
- Responsible communication based on clear signalling and an eco-label displaying precise energy benefits.
- Direct involvement in changes to the regulatory and standards framework, to ensure electrical solutions play their full part in making tomorrow's buildings more efficient.

For further information, please visit our website:
www.legrandgroup.com

RESIDENTIAL BUILDINGS



Options reach from automatic switches to complete home automation solutions which allow to automate and centralize different applications such as lights, shutters, heating, to program scenarios or to view and thereby control energy consumption.



↑ ENERGY CONSUMPTION DISPLAY SYSTEM
Monitor and manage consumption of gas, electricity, water, heating through the energy consumption display system which forms part of the Legrand home automation solutions.



Automatic switch



Roller blind switch



Scenario switch



Programmable room thermostat

↑ AUTOMATE AND SAVE ENERGY
Automatic lighting control, centralized control of roller shutters, collective control of different functions or programmable solutions for temperature management allow to save energy and control homes cost-effectively.



OPT FOR RENEWABLE ENERGY SOURCES: PHOTOVOLTAICS



UPS, DC protection, AC protection, surge protection, cabinets: New offerings of solar-cell equipment protection devices for the residential and the commercial sector really allow this renewable energy source to fit in with our everyday surroundings.

↑ SOLAR-CELL EQUIPMENT PROTECTION DEVICES FOR PHOTOVOLTAIC INSTALLATIONS FROM 3 TO 250 kWp
UPS and "ready-fit" residential cabinets or modular solutions for commercial premises to suit all kinds of configuration: In either case, combine simplicity of choice and implementation and safety for all involved.



Designed in a spirit of preventive action, Legrand solutions meet the specific needs of older people who wish to stay in their own home for as long as possible. By enhancing safety around the house, facilitating everyday gestures or communication with the outside world, Legrand provides targeted responses for maximum comfort and safety.



SIMPLIFYING THE HANDLING OF CONTROL DEVICES

Continual improvements in ergonomics for easier handling of control devices.



TOGGLE SWITCH



NO-TOUCH SWITCH



EASY-CONNECT SOCKET

PREVENTING FALLS

By lighting up passages, providing easier access to lighting control devices or helping to avoid unnecessary movements, Legrand offers simple ways of preventing falls in the home.



AUTOMATIC SWITCH
Creation of lighting paths



SWITCH WITH A LUMINOUS CROWN
Their illuminated crown makes control devices easier to spot in the dark



SCENARIO SWITCH
Enables control of various functions from a single point, thereby contributing to cutting the need to move around the home



NIGHTLIGHT / GFCI OUTLET COMBINATION
Facilitates locating the socket in the dark

PREVENTING DOMESTIC HAZARDS

Solutions are available for detecting water or gas leaks, containing their consequences and alerting the home owner, as well as systems for temperature management to avoid extreme peaks and troughs...



GAS AND FLOOD DETECTOR
Identification of gas or water leaks, transmission of warning signal and closing-off of the incoming gas supply by solenoid valve



TEMPERATURE CONTROL UNIT
Temperature display

COMMUNICATION AND SECURITY

Video door entry and intercom systems: allow to identify visitors and keep the family members connected.



STUDIO INTERCOM UNIT AND CÉLIANE VIDEO DOOR ENTRY SYSTEM

ASSISTED LIVING SOLUTIONS, PROACTIVE PREVENTION

Faced with the challenges raised by today's ageing population, Legrand provides products and systems designed to be widely and easily accessible, in support of people experiencing a loss of independence either due to old age or to temporary or permanent disability. By compensating for their handicap, these products and solutions make it easier for them to continue living at home.



PRODUCT DESIGN A LEVER FOR DIFFERENTIATION

The challenge for product design is to meet customer expectations on styling and functionality while strengthening Legrand brand identity and market position; this makes it pivotal to Legrand Group strategy.

The role of design

Product design has a dual purpose. It aims to meet end-user needs in terms of ergonomics, styling, usability and budget, while at the same time consolidating the Legrand brand identity and core values.

At the source of creation

The creative process follows precise codes which leave nothing to chance. Designers

engage in an approach that revolves around three core strands: environmental research (technology and social trend watch, ethnographics, etc.), analysis of the data gathered to define a product development strategy, and finally, the creation process itself, based on rigorous product specifications. In order to meet the specific needs and expectations of users from different cultural spheres,

Legrand draws on design teams based in France, Italy, the US and China.

Creating a strong brand identity

These design teams develop strong visual codes that converge to infuse our products with a distinctive and shared identity. This results in Legrand products being instantly recognizable, and easy to differentiate from the competition.



↓ DIMMERS

Dimmers embed an unmistakable Legrand-coded design, with that distinctive, instantly recognizable 3-split switch design, 2/3 for the ON/OFF function and 1/3 for the dimmer function.



Mosaic



Céliane



Arteor

↓ PLEXO³ WATERPROOF CABINET

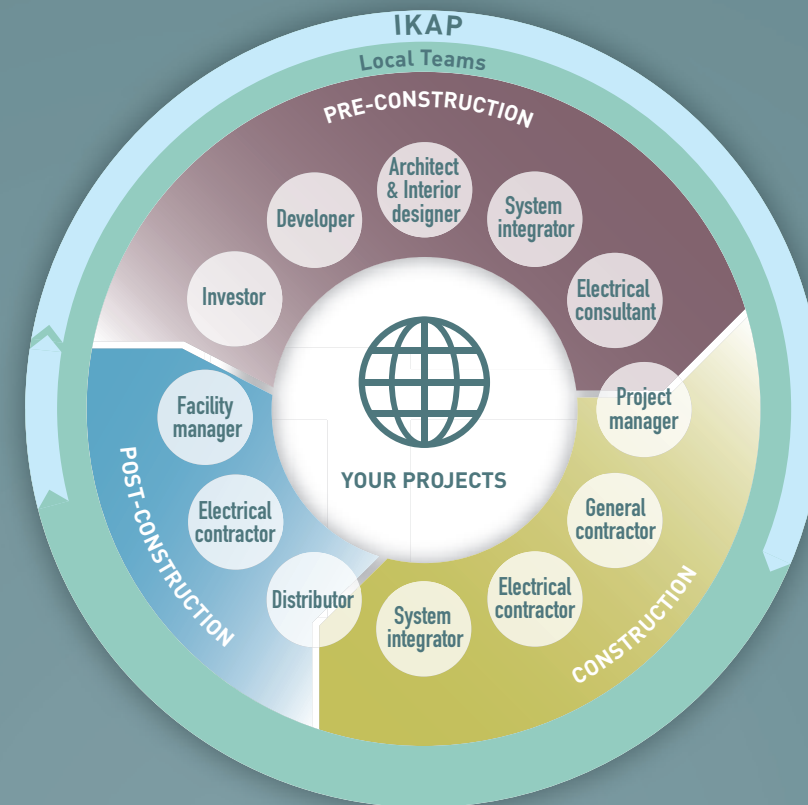
Similar to portholes that withstand water and impact, the Plexo³ line cabinets are waterproof and impact resistant. Their very shape was designed to embody these qualities: a frame that encloses the door, a rounded and recessed handle with a two-point latch, a waterproof gasket and a marked radiused external shape to express impact resistance.



PERSONAL SUPPORT IN ALL YOUR PROJECTS

Our specially dedicated team for major international projects (IKAP*) is there to support you throughout every step of your project. For you, this means the assurance of having a single contact who is competent and always easy to reach.

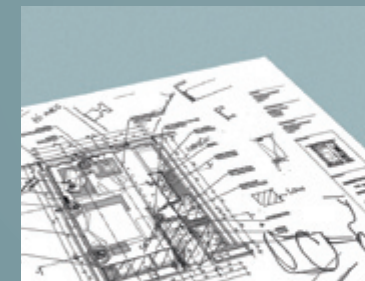
*International Key Accounts and Projects



Dedicated support from the earliest stage of your project

Our IKAP team is there to support you right from the earliest stage of your project. As your dedicated unique contact for all Legrand Group brands they will closely cooperate with your teams and coordinate with Legrand's subsidiaries. This ensures that you'll get the right solution in terms of standard, budget and availability. The combination of international coordination, local expertise and innovative solutions will add value to your projects and facilitate your international expansion.

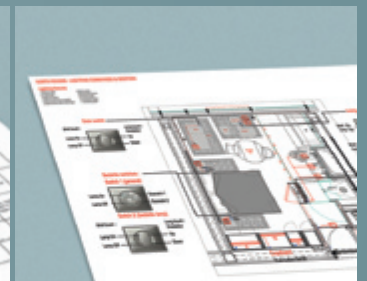
Close cooperation from the initial idea through to the end solution



Project concept



Proposal with product photos and technical information



Definition of the end solution



IKAP COORDINATORS

In close cooperation with you, our IKAP team strives for the best solution, whatever your type of project, wherever in the world. They'll share your ideas and requirements and provide you with all the information and tools needed to facilitate decision-making and moving forward at the different stages of the project.

ikap.legrand@legrandelectric.com



PRESENTATIONAL MEDIA



CATALOGUES AND E-CATALOGUES



TECHNICAL / SPECIFICATION DOCUMENTS



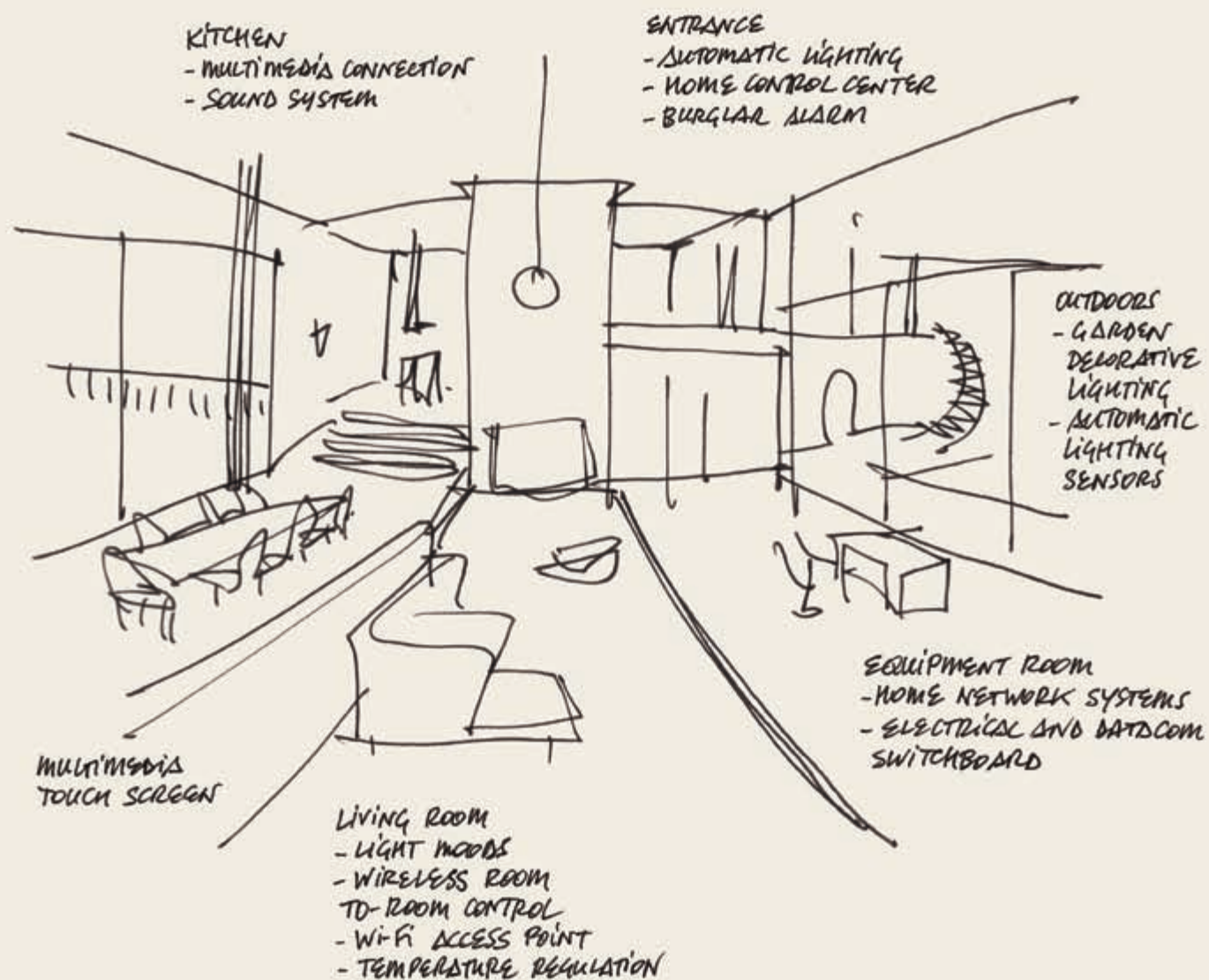
SOFTWARES



SHOWROOMS AND CONCEPT STORES



TRAINING FACILITIES



RESIDENTIAL MAXIMUM PERSONALIZATION FOR THE MOST DEMANDING CUSTOMERS

The equipment of deluxe residences has to combine functionality and well-being with carefully styled design options that allow to express an individual personality.

The Legrand Group's home automation solutions not only match the most demanding aesthetic standards but also provide a high level of comfort and security. As required, the installation can be tailored to include the latest innovations in home entertainment and communication technologies.



OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT



STATE-OF-THE-ART TECHNOLOGY
that makes the difference



DESIGN OPTIONS FOR MAXIMUM PERSONALIZATION

MORE: SEE PAGE 46-47

Forms, finishes, functions, the choice is yours. From standard ranges to exclusive options: select colours that are either timeless or trendy, exclusive materials such as leather, wood or woven metal, shapes that are either sober or soft, modern or classical.



An infinite number of design options to satisfy the most demanding customers



A FULLY NETWORKED HOME

MORE: SEE PAGE 50 to 55

ENHANCE COMFORT: create lighting scenes, control access, steer the whole installation from a single point or from a tablet touch screen: our different home automation systems allow to customize solutions exactly according to your customers' wishes.



Axolute
Video station



Vantage
Touch screen and keypad



Arteor
Touch plate dimmer

FLEXIBLE ENTERTAINMENT AND COMMUNICATION:

Home networks for flexible access to any communication media, sound distribution systems to bring your favourite music to every desired room.



1.2" Touch
screen



RDS Tuner



Multimedia
socket



Multi-room
audio



SAFETY FOR GREATER PEACE OF MIND

MORE: SEE PAGE 38-39, 50 to 53

Scare off intruders, detect gas or water leaks, protect sensitive hardware, avoid the negative impact of cuts in the electrical power supply (e.g. freezer or alarm system turned off, pool pump disabled).



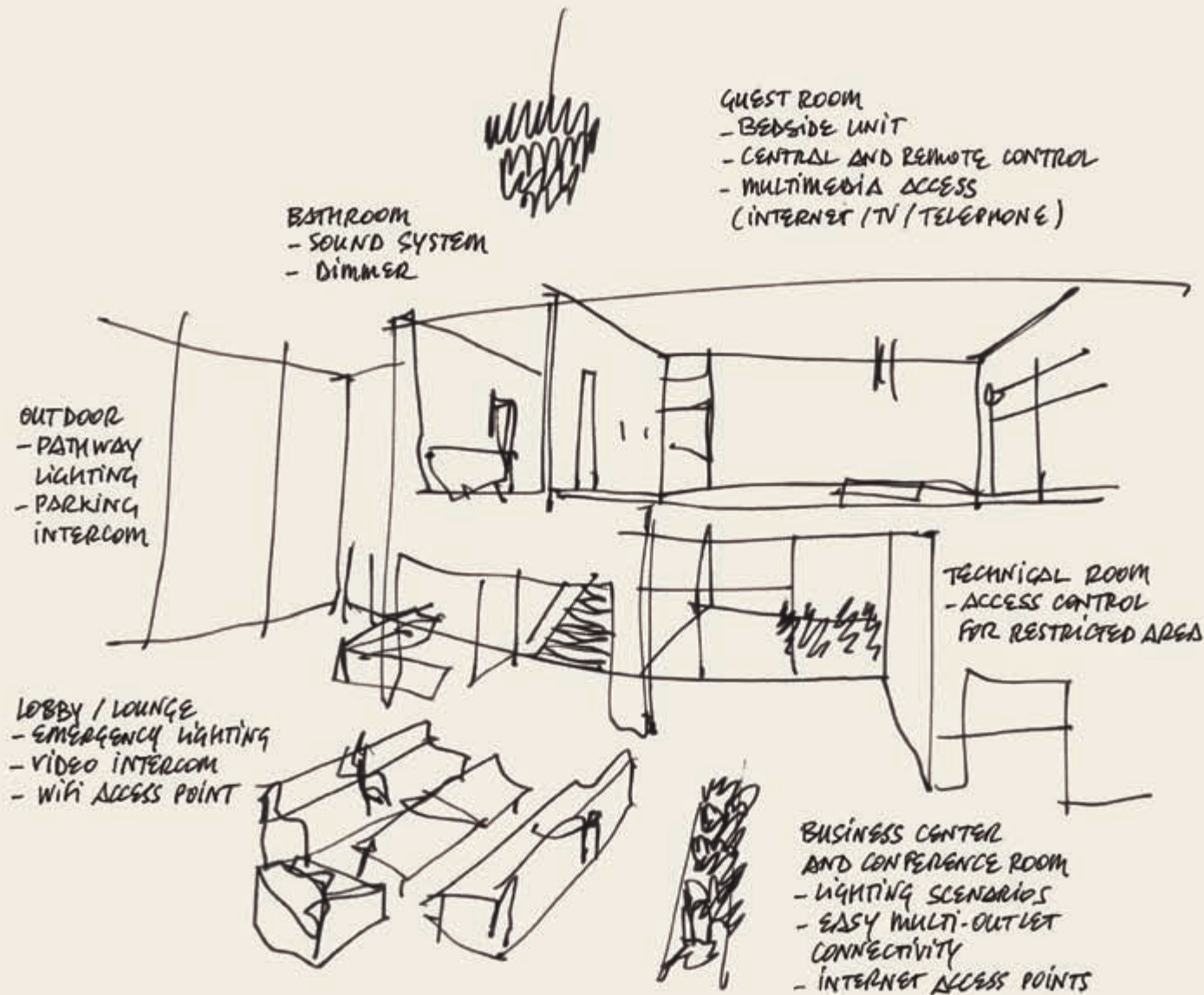
Burglar alarm



Gas detector



Safety and protection: voltage surge
protectors. Stop & Go auto-reset



HOSPITALITY INCREASE CUSTOMER LOYALTY

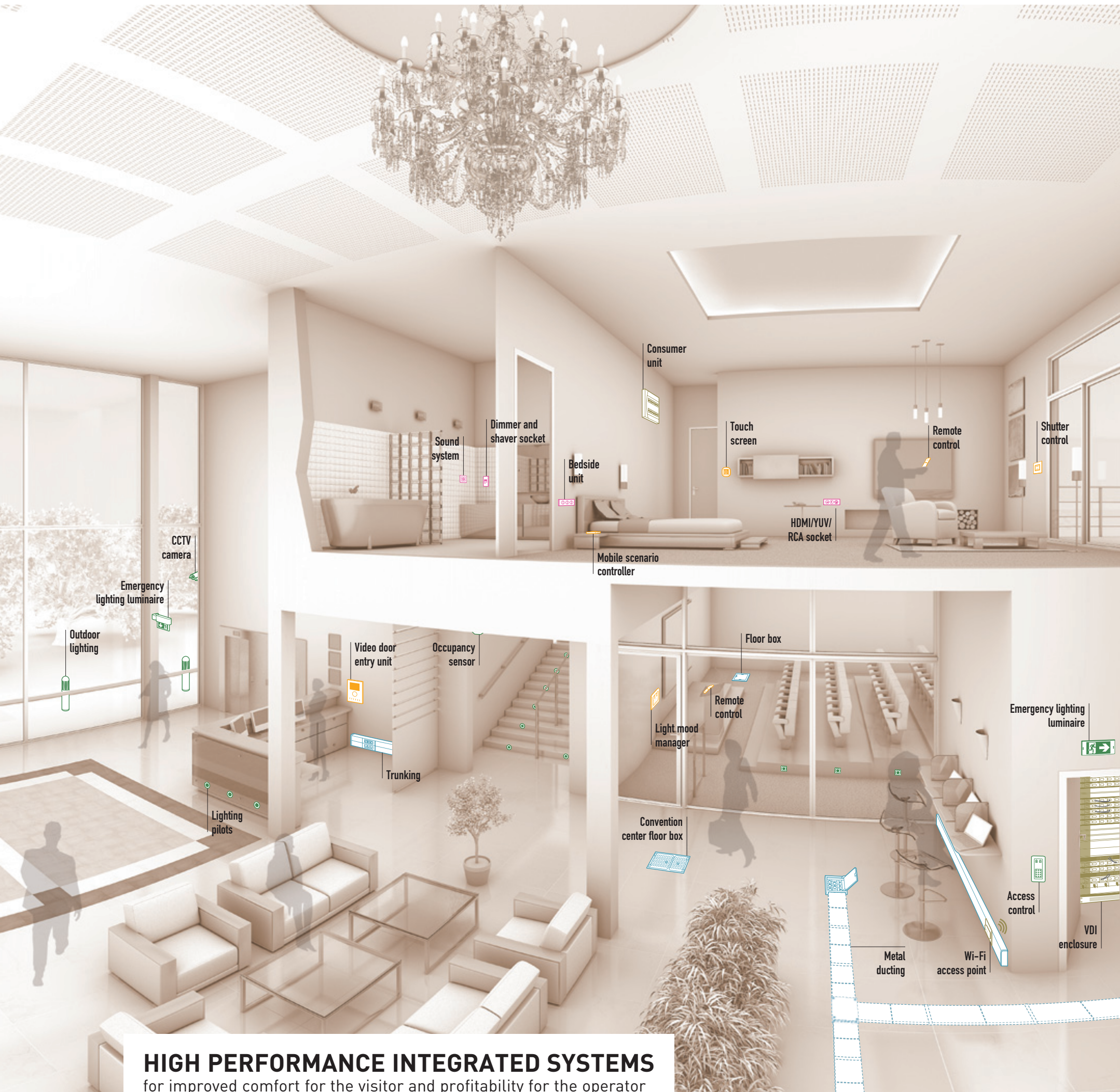
Whatever the type of establishment, every detail counts when it comes to building customer loyalty. High quality service and comfort are there to ensure a maximum fill rate. Free internet access and efficient conference equipment are essential ingredients. The electrical installation also contributes to ensuring the premises function safely and efficiently, and can provide an added aesthetic dimension to enhance the brand image.



Bedside touch control unit



OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT



HIGH PERFORMANCE INTEGRATED SYSTEMS

for improved comfort for the visitor and profitability for the operator



ENHANCE YOUR IMAGE

MORE: SEE PAGE 46-47

Among our 100 ranges of wiring devices and their 200 functions you will find the perfect solution to enhance the image of your project. Advanced forms, materials, colours and functions allow for every option, in any standard.



Switch
Axolute Etèris/
White



Silent switch
Céliane Exclusives/
Burr myrtle



Micropush switch
Arteor/Galuchat



Key card switch
Mallia/Silver



INCREASE CUSTOMER COMFORT

MORE: SEE PAGE 46 to 53

Each detail counts when it comes to building customer loyalty: touch control panels for centralised control of scenarios, lighting and shutters, internal units which easily allow to select the desired setting and access to any multimedia application...



Colour touch
screen



Internal
unit



Multimedia
sockets



Shaver
socket



TAILOR-MADE SOLUTIONS FOR EVENT MANAGEMENT

MORE: SEE PAGE 40-41



Specially designed for event locations, the convention center floor box provides multi-utility services to the showroom floor. It gives direct access to power and data, audio/video functions, plumbing and compressed air from a single point.



SAFETY FOR PEOPLE AND PROPERTY

MORE: SEE PAGE 58-59

Ensure safety for people and property by lighting up paths and stairways or monitoring external and internal spaces via a CCTV system.



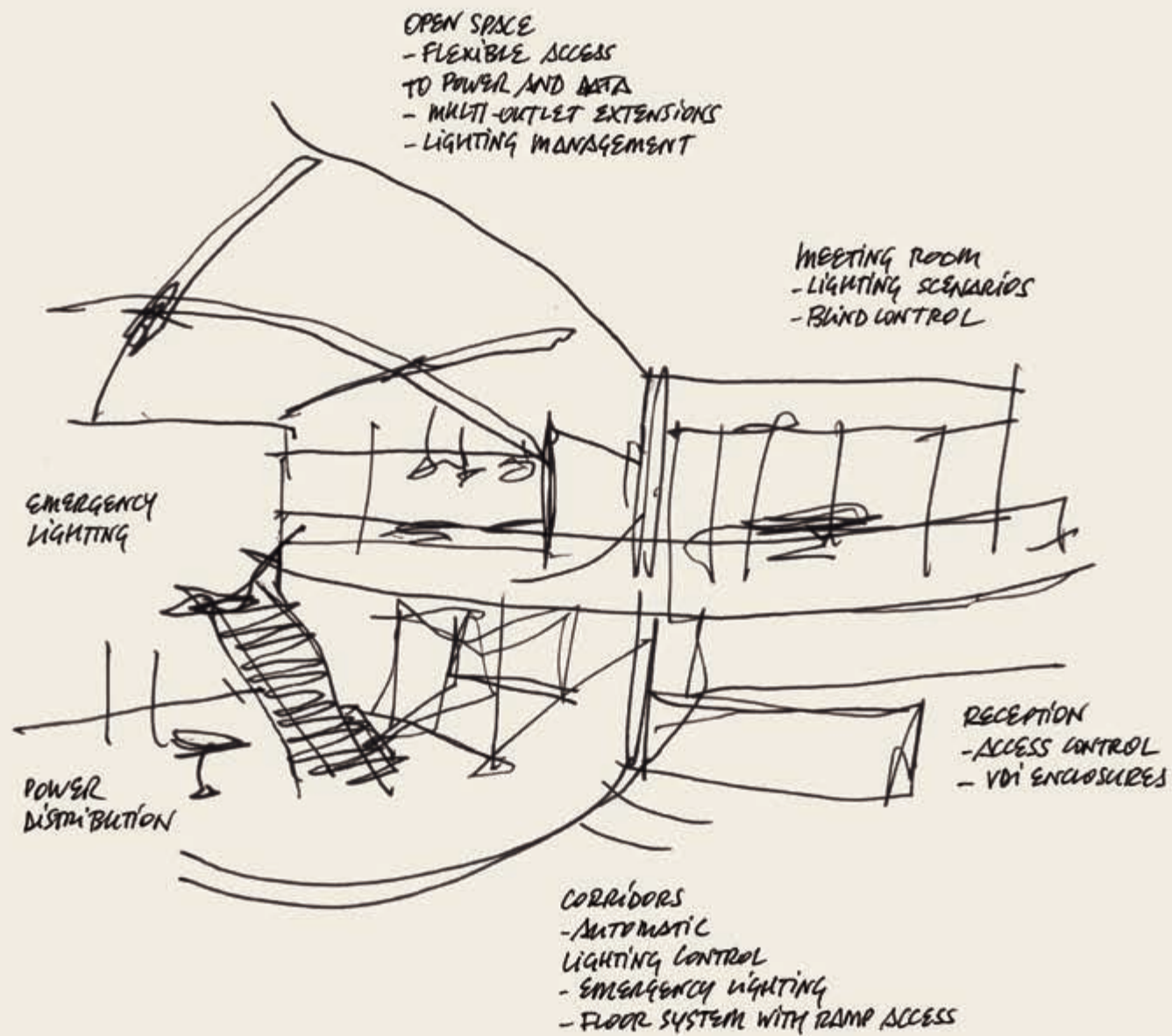
Outdoor lighting



Lighting pilots



CCTV camera



OFFICES

ADAPTABILITY AND FLEXIBILITY SPELL PERFORMANCE

Nomadic work practices and the constant pursuit of optimized productivity are influencing the design of office buildings.

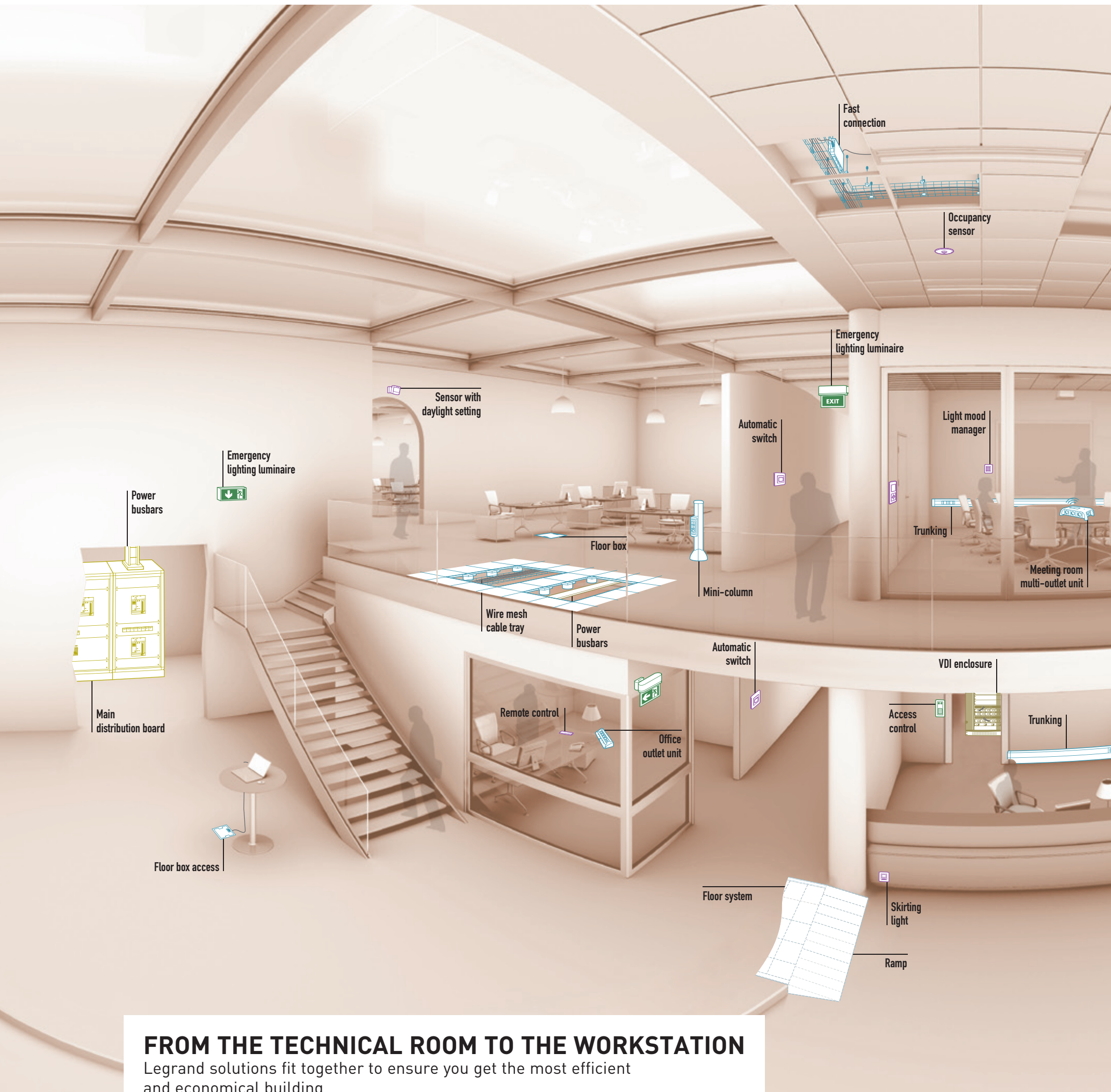
An adaptable and flexible technical infrastructure is needed to integrate electrical equipment and communication networks just where you want them. More generally, such buildings need to operate in a way that is functionally optimal but also energy efficient and environmentally friendly.



Meeting room
multi-outlet extension



OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT



FROM THE TECHNICAL ROOM TO THE WORKSTATION

Legrand solutions fit together to ensure you get the most efficient and economical building



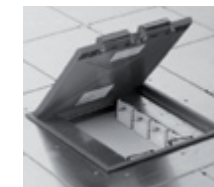
ENSURE ADAPTABILITY

MORE: SEE PAGE 40-43

Trunkings, columns, floor boxes, office outlet units... a complete offer for current circulation, from floor to ceiling. This will facilitate modifications and maintenance, thereby ensuring perfect building adaptability.



Evolution Series, a multi-service Poke-Thru device from Wiremold/Legrand



High flexibility and easy upgrading with Van Geel/Legrand floor boxes



Pop-up devices, ideal for task tables, desks, or lecture halls



ENHANCE PRODUCTIVITY

MORE: SEE PAGE 62-65

High performance structured cabling systems provide quick, reliable and safe access to information networks for optimal working conditions.



Wi-Fi access points integrate seamlessly into your structured cabling



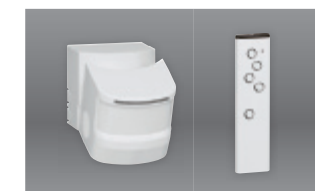
End-to-end solutions keep your data moving all the way from the building entrance to the workstation



SAVE ENERGY

MORE: SEE PAGE 48-53, 56-57

Automatic controls and light mood managers enable to adapt light exactly according to each space and situation. Ideal for open space offices, meeting rooms, corridors, restrooms, etc.



Occupancy sensors and daylighting controls, the efficient way to control energy consumption, even remotely



Light mood manager, easy customization of lighting scenes for meeting rooms



Automatic switch



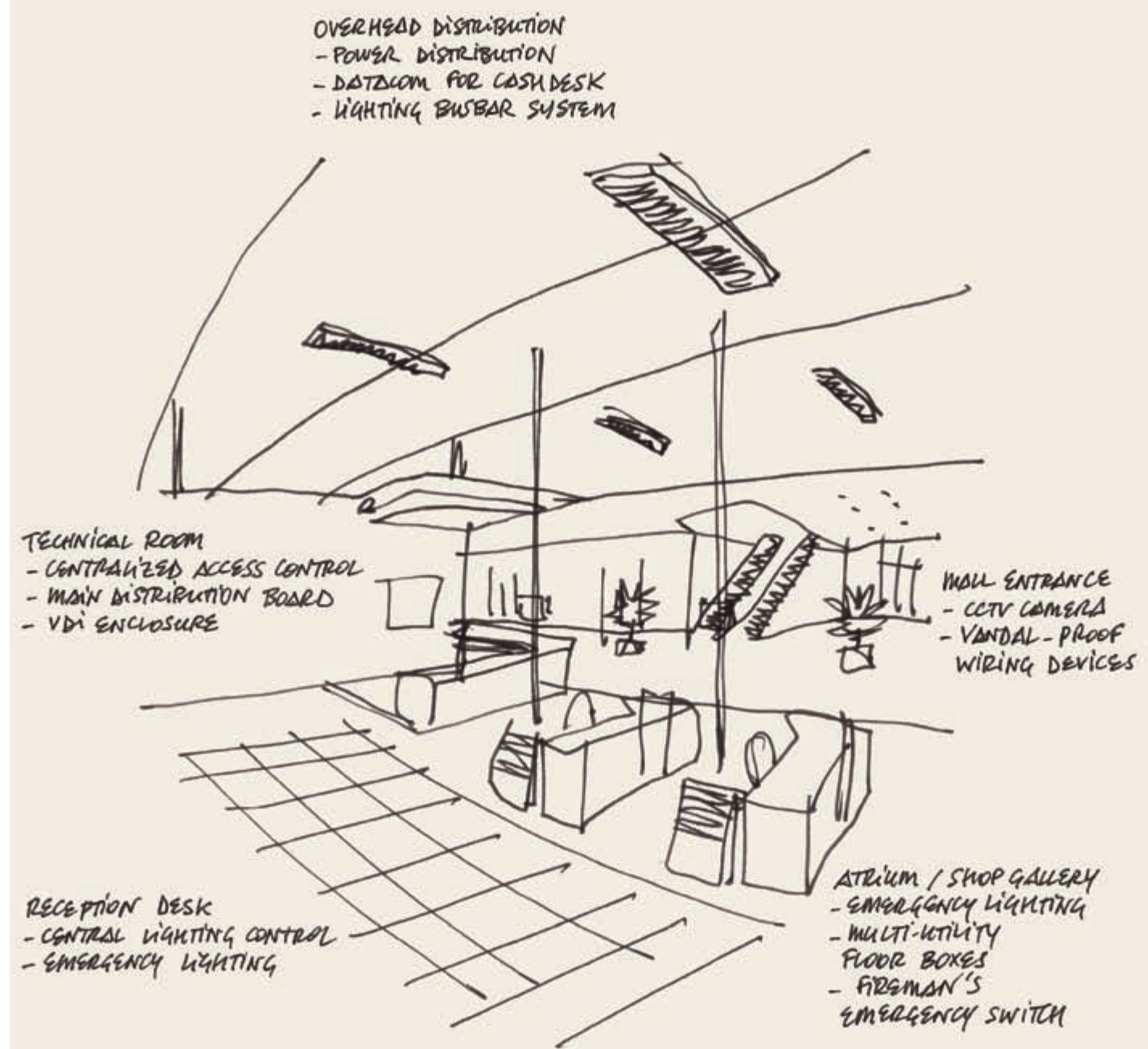
ENSURE PEOPLE SAFETY

MORE: SEE PAGE 60-61



Emergency lighting luminaires

Self-testing emergency lighting luminaires can be centrally controlled to enable remote control of equipment. This ensures perfect safety of people and makes maintenance operations easier.



OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT

SHOPS AND MALLS

MINIMIZE COST, MAXIMIZE SALES

Strict construction deadlines, tight budgets and unexpected changes require a technical infrastructure that is reliable, simple and quick to install. Reconfigurations and maintenance operations must be made easy to ensure a good level of service continuity. And besides providing energy savings, integrated lighting solutions can help to boost sales.



Zucchini lighting busbar



INCREASE PROFITABILITY
through optimum service continuity and energy efficiency



IDEAL FOR FAST TRACK PROJECTS

MORE: SEE PAGE 36-37, 40-41

Different cable management and busbar systems ensure an easy fit and maximum versatility, for minimum service interruption in the event of reconfiguration of sales areas.



Cablofil® wire mesh cable tray: safe, quick and easy fit



Zucchini lighting busbars: reconfigurations made easy



Different steel cable tray systems to suit all kinds of applications



ENSURE SERVICE CONTINUITY

MORE: SEE PAGE 34-37

Safe power distribution from the main board to the final application. Intelligent solutions allow to protect your installation and to measure and control your energy consumption.



Zucchini transformer and busbars, XL³ enclosure with DMX³ supply inverter



ENERGY EFFICIENCY

MORE: SEE PAGE 34-35, 56-57

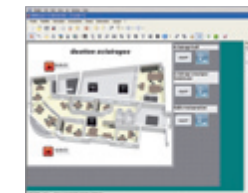
Increase energy efficiency through solutions that either optimize energy quality or enable reduced energy consumption. Reactive energy compensation systems contribute to increasing the all-round output of your electrical installation. Lighting management solutions ensure just the right amount of light when and where you need it, thereby generating significant energy savings.



Automatic capacitor banks, for reactive energy compensation



Power dimmers for easy definition and adjustment of lighting levels



Lighting Management supervision software



ENSURE SAFETY

MORE: SEE PAGE 48-49, 60-61

From vandal-proof wiring devices to CCTV systems or addressable emergency lighting, all the equipment needed to ensure safety.



Soliroc vandal-proof key switch



CCTV camera

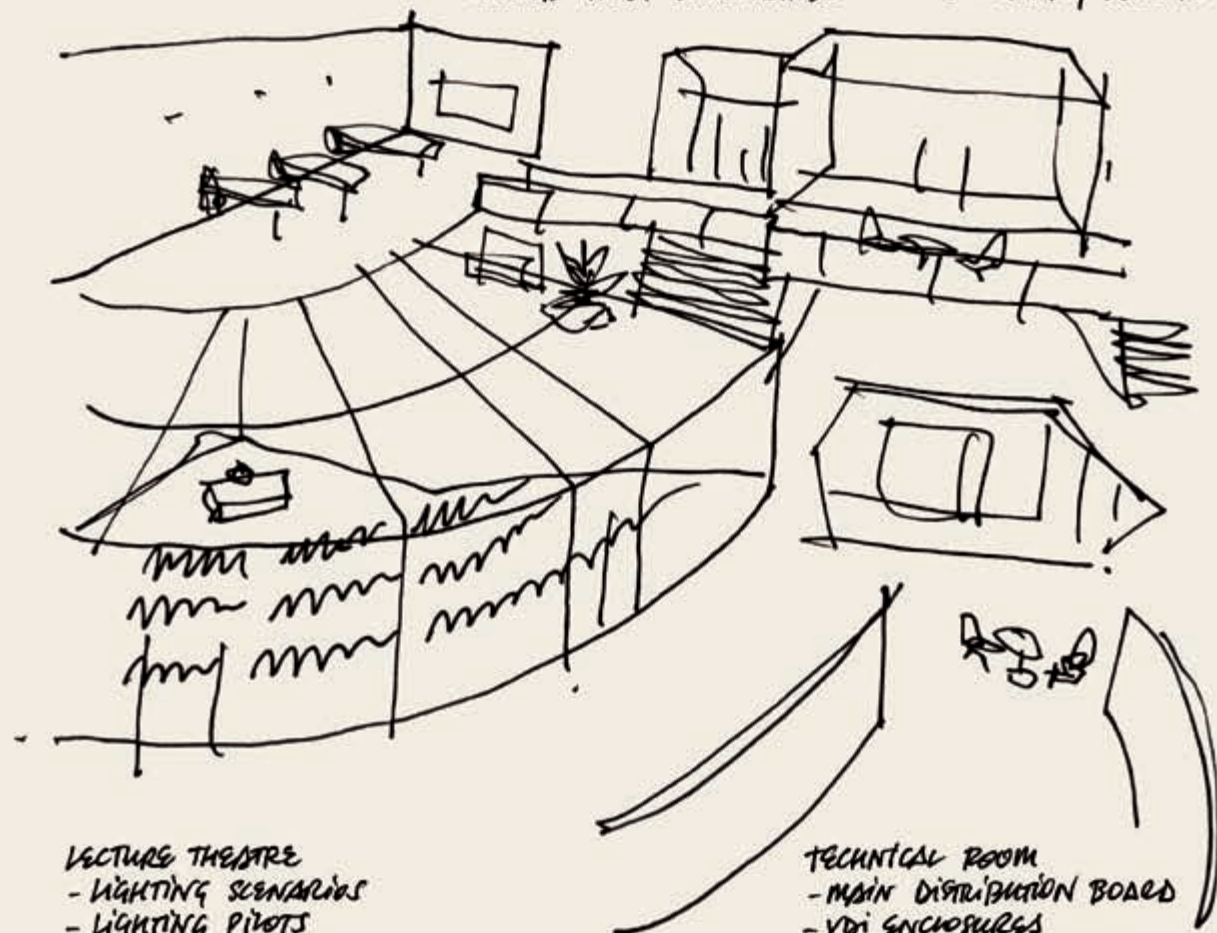


Addressable emergency lighting

- CLASS ROOM**
- FAST CONNECTION SYSTEM
 - WIFI ACCESS POINT
 - OCCUPANCY SENSORS

- CORRIDORS**
- EMERGENCY LIGHTING
 - VANDAL-PROOF LUMINAIRES

- MULTIMEDIA ROOM**
- POWER + DATA SOCKETS
 - TRUNKING
 - OCCUPANCY SENSOR



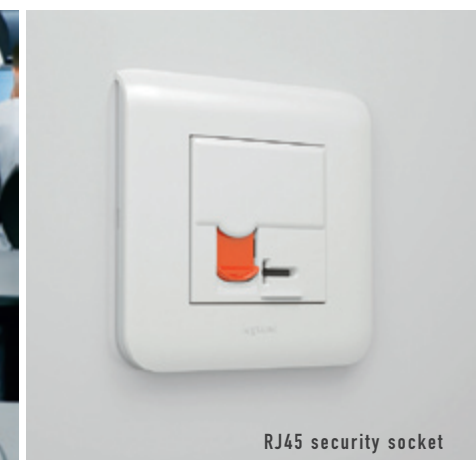
- LECTURE THEATRE**
- LIGHTING SCENARIOS
 - LIGHTING PILOTS
 - WIFI ACCESS POINT
 - POWER, DATA + MULTIMEDIA SOCKETS

- TECHNICAL ROOM**
- MAIN DISTRIBUTION BOARD
 - VDI SATCHES
 - CCTV + ACCESS CONTROL

EDUCATION

SAFETY, PERFORMANCE AND CONTROL OF OPERATING COSTS

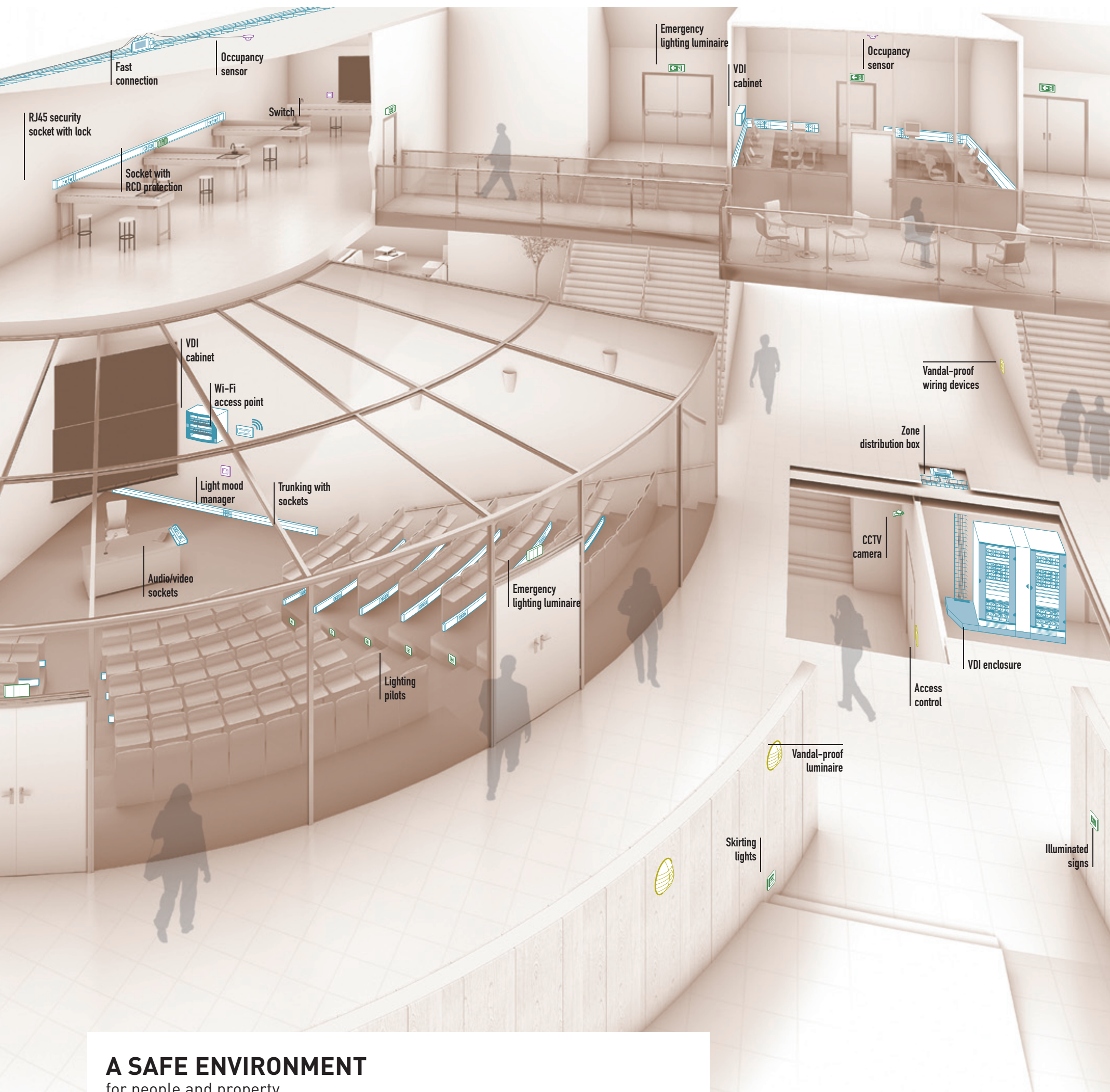
Safety of people and property, performance of installations and cost control: these are the challenges faced by the heads of educational establishments. Given the high number of people and considerable human traffic flows within these buildings, security equipment must be 100% reliable. Data/multimedia equipment must be powerful and flexible in order to meet the needs of users and the requirements of modern, high quality education. And thanks to electrical energy consumption management in particular, operating costs will be significantly optimized.



RJ45 security socket



OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT



A SAFE ENVIRONMENT for people and property



SAFETY FOR PEOPLE AND PROPERTY

MORE: SEE PAGE 38-39, 60-61

Emergency lighting, passageway pilot lighting, workstation protection... Teaching establishments need to ensure maximum personal safety and protection of work equipment.



Emergency lighting
luminaires



Lighting pilots



Safely connected to power
with RCD protection



OPTIMIZE ENERGY EFFICIENCY

MORE: SEE PAGE 56 to 59

Legrand's lighting management solutions and its luminaire offering allow to adapt lighting to the use of space and to cut energy consumption.



Lighting management solutions



Automatic switches



Sarlam bulkheads
with built-in
motion sensor



FLEXIBLE MULTIMEDIA ACCESS

MORE: SEE PAGE 42-43, 62-65

Fast and reliable internet access, connection of multimedia equipment, frequent and quick reconfigurations - school data and multimedia equipment needs to combine performance, reliability and flexibility.



Patch panels



Fast connection



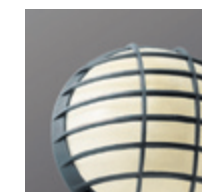
Desktop multi-outlet
extensions



RESISTANCE TO USE

MORE: SEE PAGE 48-49, 58-59

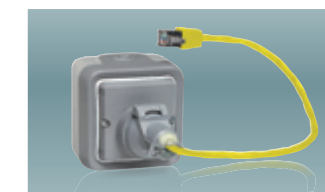
Premises used by school and college students require robust equipment. Frequent and intensive handling, blows and scratches, etc.: Legrand high-resistance solutions were designed to withstand a variety of aggressions.



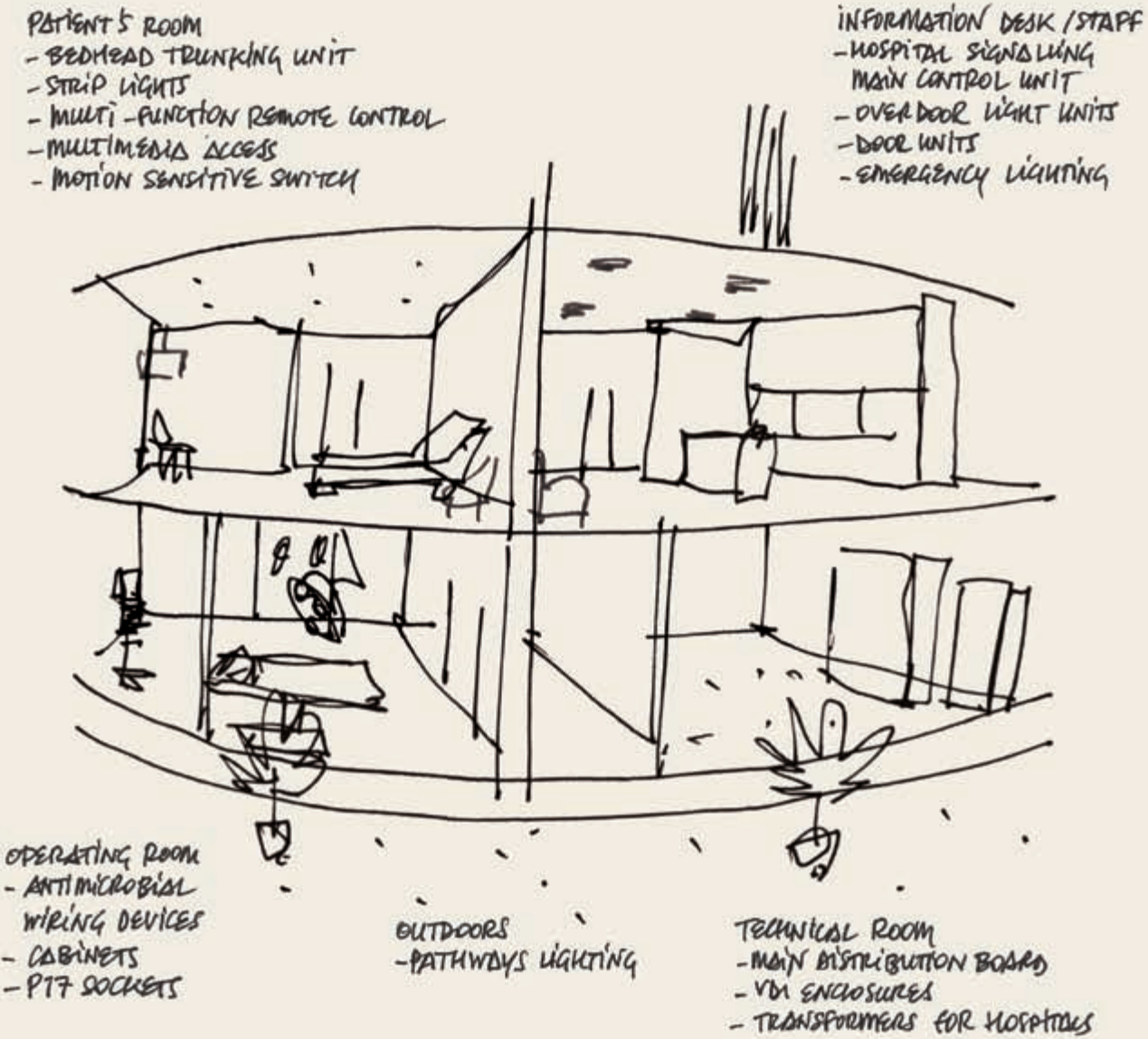
Sarlam bulkheads
High power and
Vandal-proof



Soliroc access control
Vandal-proof wiring
devices



Easy integration of Mosaic RJ 45
sockets with Plexo IP55 range

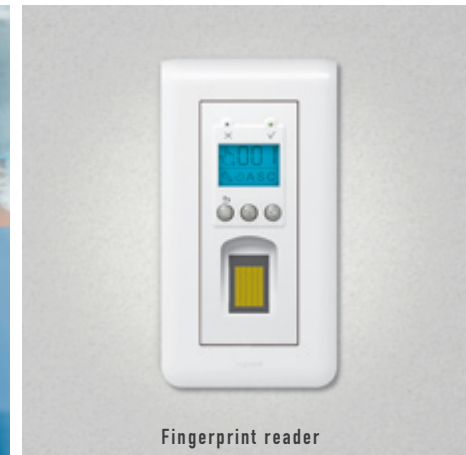
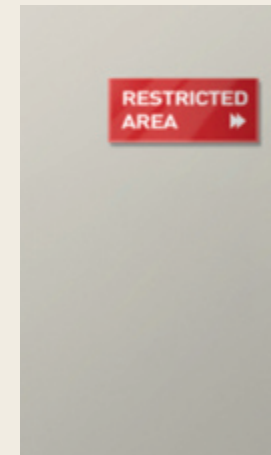


OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT

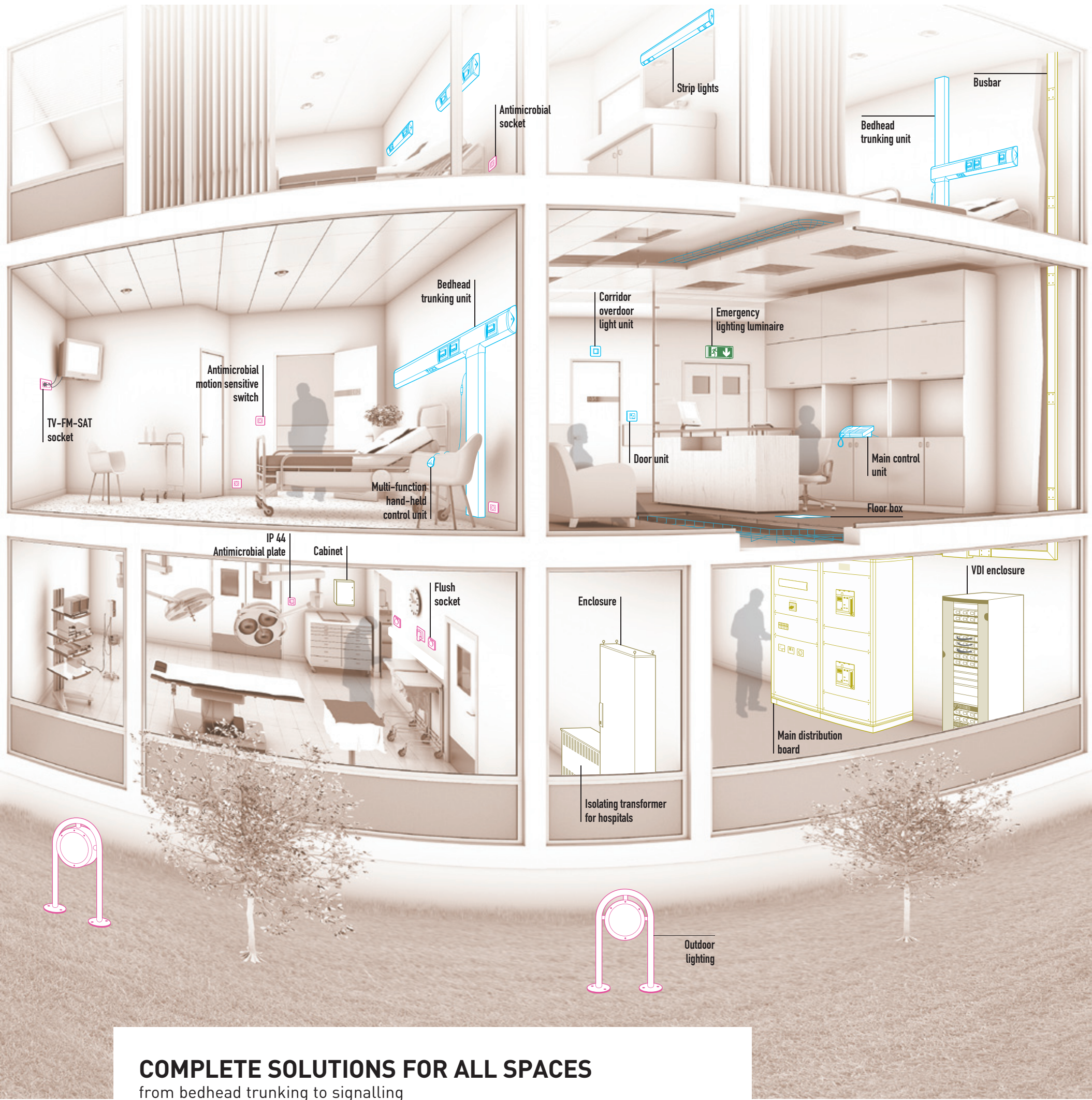
HEALTHCARE MAXIMUM COMFORT AND SAFETY

Because it's so important to provide maximum comfort and safety to patients and staff, all types of healthcare establishments (from hospitals to retirement homes) need quality infrastructures.

Legrand's specific solutions allow for consistent and reliable installation systems to be designed to suit each level of requirement.



Fingerprint reader



COMPLETE SOLUTIONS FOR ALL SPACES

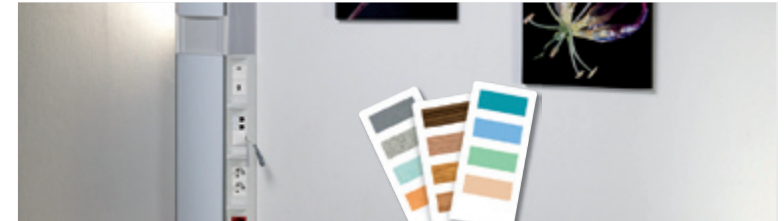
from bedhead trunking to signalling

HEALTHCARE EQUIPMENT

MORE: SEE PAGE 66-67

ELIOFLUX2™ BEDHEAD TRUNKING UNIT

Perfect safety and compliance with standards. Neat integration of medical gas systems. Suitable for vertical or horizontal installation. Factory fitted on request.



Large choice of colours and finishes

RELIABLE AND EASILY ADAPTABLE: ELIOCAD™

This hospital signalling system combines the benefits of bus communication with the functionality of the Mosaic range. Optional intercom, paging and call tracing function included for a safer medical environment.



Corridor overdoor light unit and door unit

Eliocad main control unit

HYGIENE AND SAFETY FIRST:

Easy-to-clean antimicrobial protective plates, motion-sensitive switches to turn on the light without even touching and flush sockets to avoid accumulating dust.

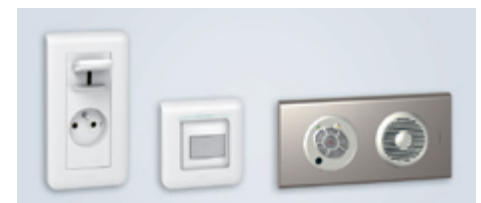


Mosaic functions to suit the special hygiene requirements of healthcare establishments

DESIGNED TO ENHANCE PATIENT COMFORT

MORE: SEE PAGE 48-49, 58-59

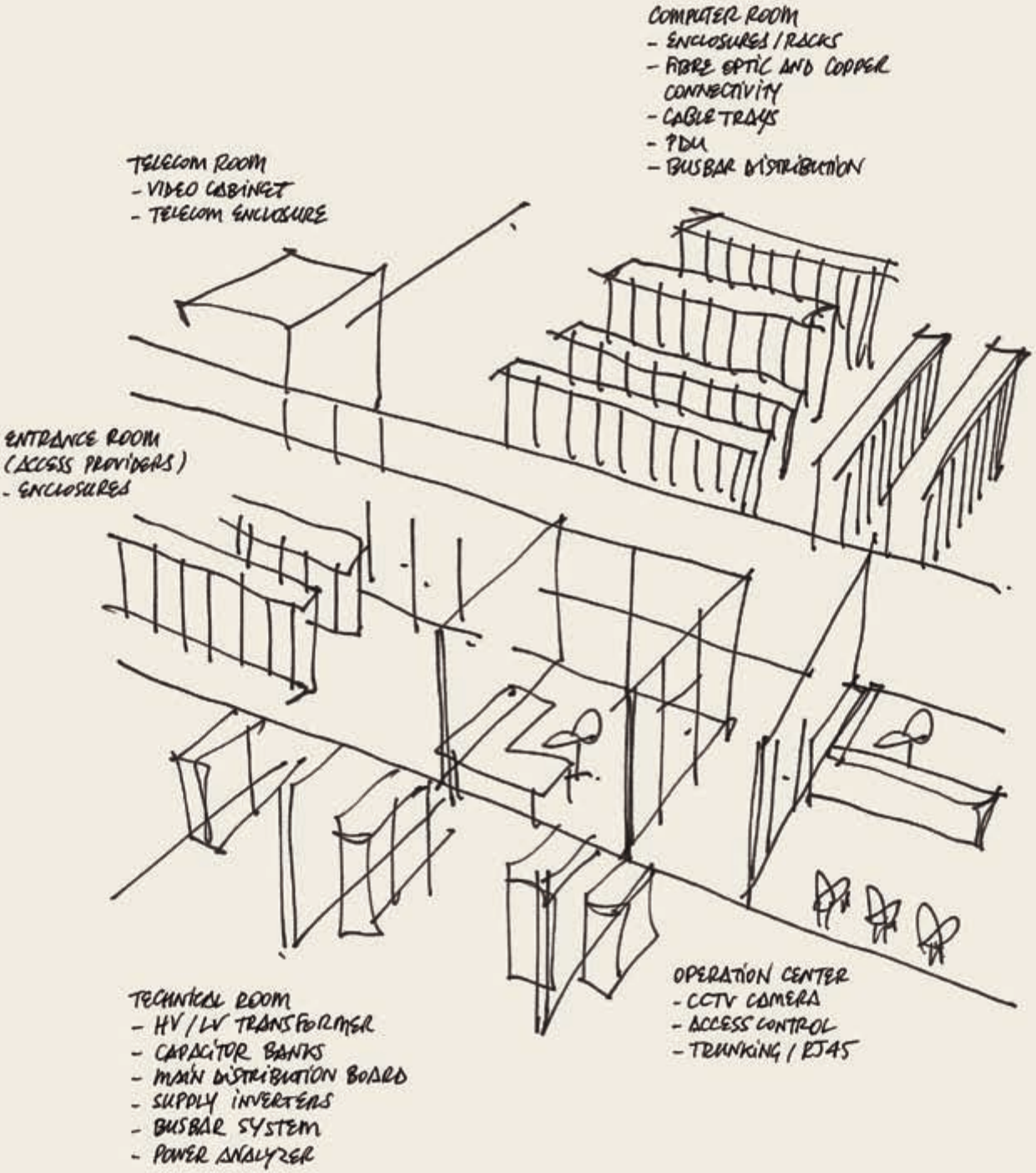
Sound distribution, automated functions, easy-connect sockets for more patients' comfort. Vandal-proof, long lasting lighting solutions will enhance the outdoor entrance, arrival areas and circulations.



Easy-connect socket, automatic switch and sound distribution



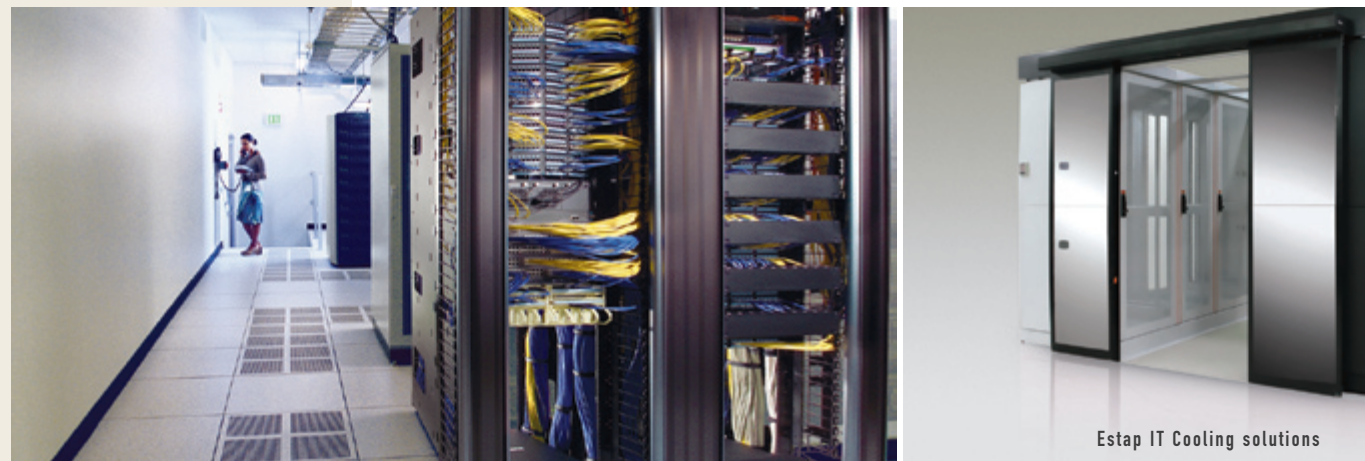
Safe and pleasant: outdoor lighting for arrival areas and frontages



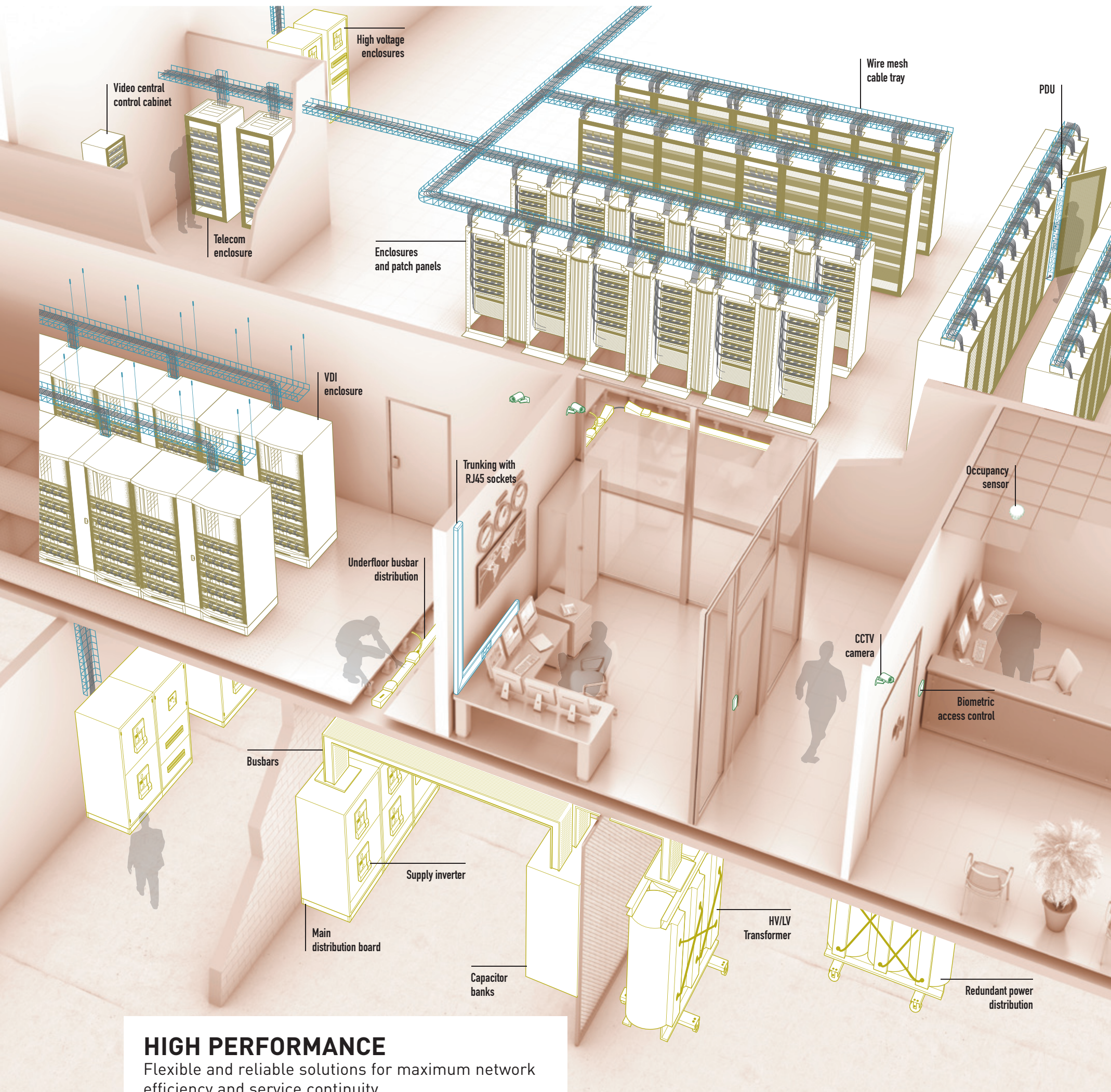
DATA CENTERS

SUPERIOR PERFORMANCE, SERVICE CONTINUITY AND ENERGY EFFICIENCY

Mission-critical data centers require reliable, flexible and scalable infrastructures with guaranteed performance. They need to ensure absolute service continuity and today more than ever, cutting energy consumption is vital. Legrand provides integrated solutions that cover needs ranging from a comprehensive power distribution system via cabling infrastructure systems through to complete and effective fibre optic and copper cabling. These solutions provide a coherent and efficient response to the needs of data centers.



OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT



HIGH PERFORMANCE

Flexible and reliable solutions for maximum network efficiency and service continuity



ENSURE HIGH PERFORMANCE

MORE: SEE PAGE 64-65

The Legrand Group offers a complete selection of high density copper and fibre optic structured cabling solutions for guaranteed performance.



Momentum 2
Designed for use in mission critical data centers these modular pre-terminated fibre optic cabling solutions provide quick and easy deployment, adds and changes, eliminating costly field installation time



Clarity SNAP™
This terminated copper cabling system offers the above-the-standards performance of Clarity® connectivity in a custom terminated cable assembly system that's ready to plug and go



MAXIMIZE NETWORK EFFICIENCY

MORE: SEE PAGE 40-41, 64-65

In addition to complete and effective solutions for structured cabling, the Legrand Group also offers an integrated infrastructure of physical supports designed to enhance network efficiency.



Integrated physical support solutions (racks, cabinets and accessories, Cablofil® cable trays and raised floor systems) reduce power consumption, cooling costs and risk of equipment failure, and enhance overall system performance



Ensuring a proper flow of air from cold aisle to hot aisle, Ortronics® Mighty Mo cabinet design enables more efficient cooling and reduces power consumption



ENSURE SERVICE CONTINUITY

MORE: SEE PAGE 34-37

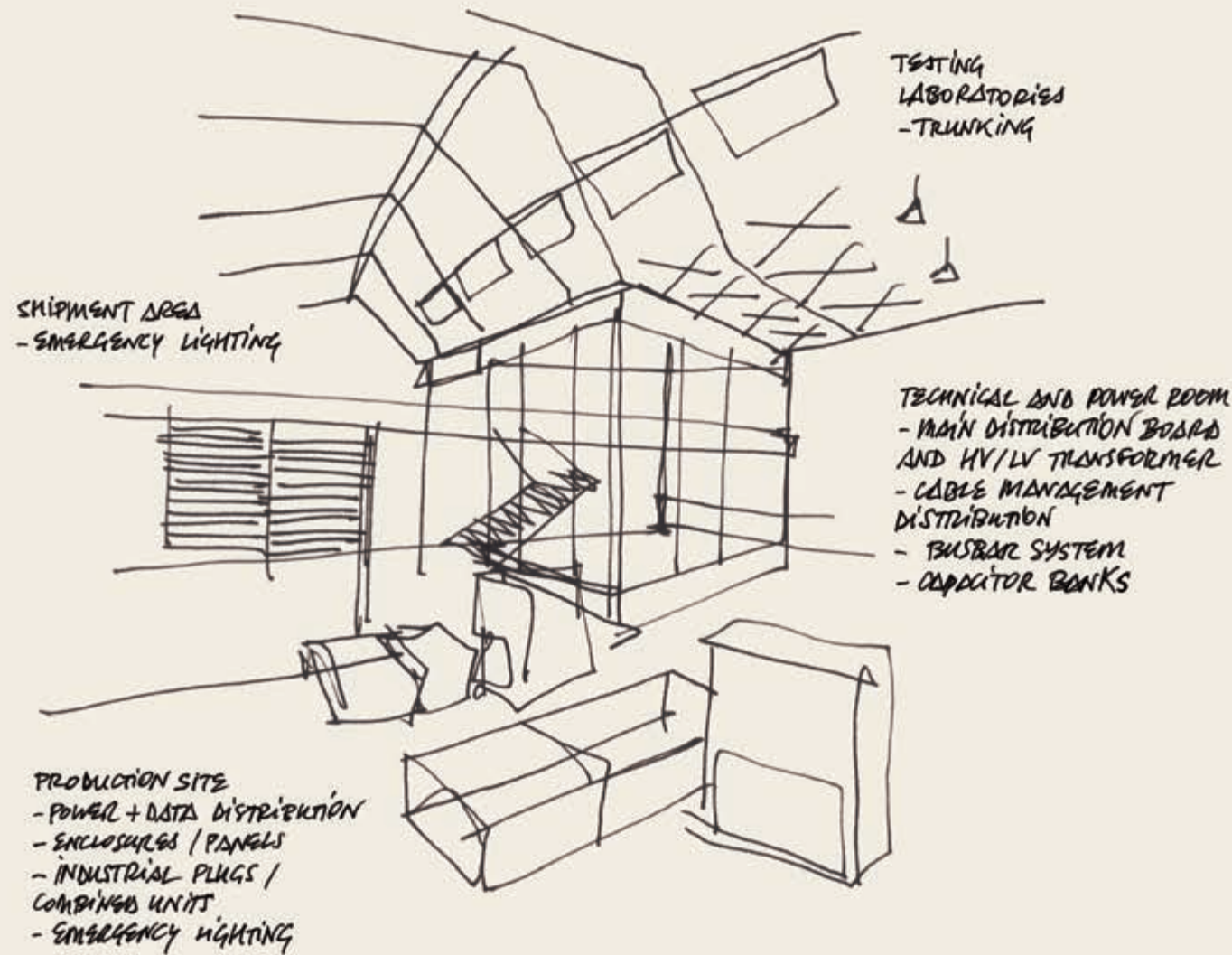
Use the Legrand Group power offering for complete control of energy distribution: transformers, busbars, analyzers, reactive energy compensation systems, supply inverters... – an efficient system response to service continuity requirements.



A complete system for efficient energy distribution up to 4000 A. Supply inverters ensure perfect service continuity



Quick and easy reconfigurations through busbar solutions



OPEN TO SEE
THE PRODUCTS IN THEIR 3D
ENVIRONMENT

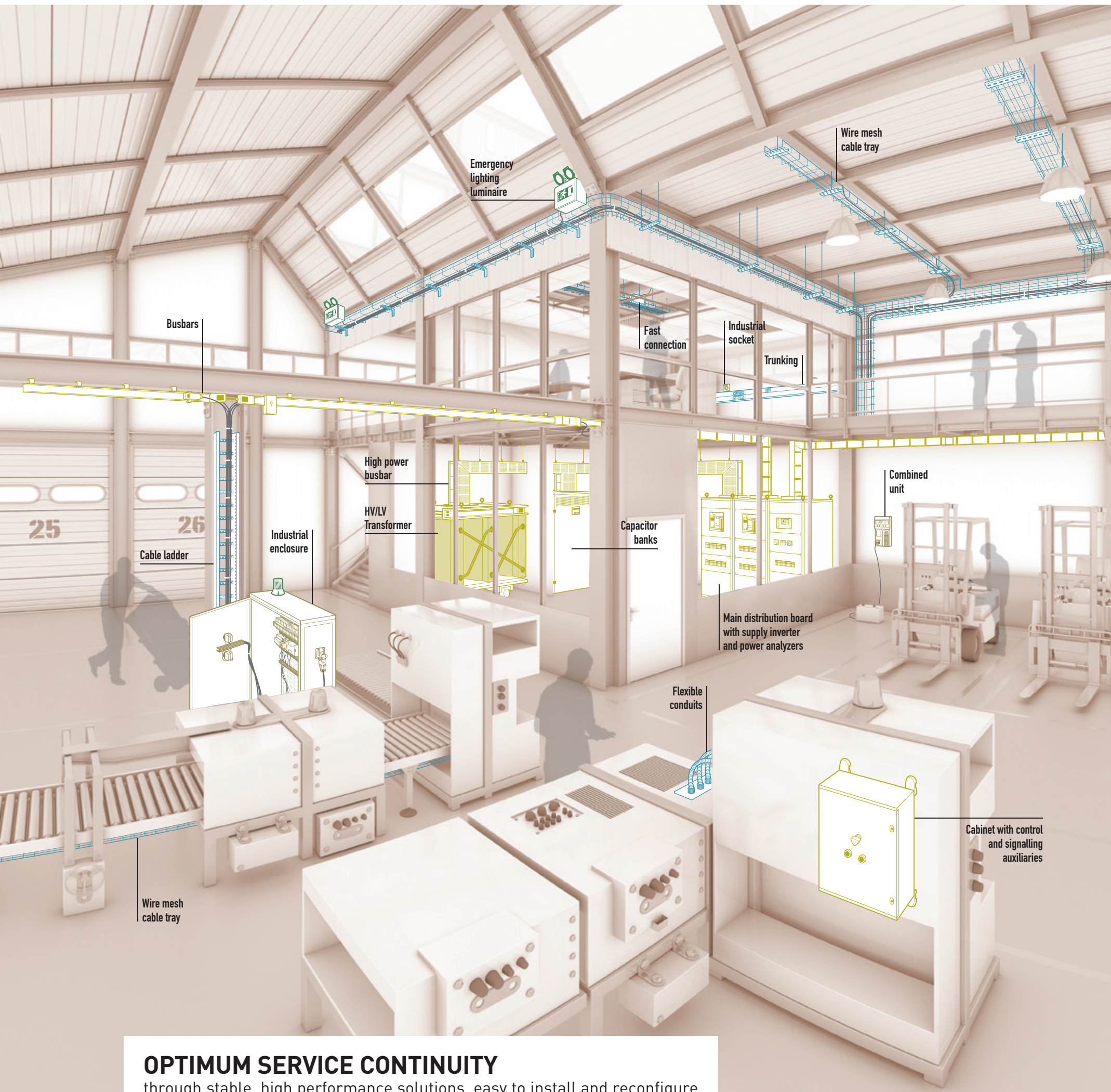
INDUSTRY ENSURE SERVICE CONTINUITY

To ensure the best possible performance of their production tools, manufacturing plants that run complex processes need stable, high-performance solutions which can guarantee optimum service continuity.

They must also enable quick reconfiguration of the installation, making it easy to add new equipment while facilitating maintenance operations. Obviously, ensuring safety for the personnel working on the installation is a key priority. All of the Legrand Group's products are designed to meet these different requirements while adapting to the specific needs of each industry and every environment, even the most extreme.



Capacitor
banks



OPTIMUM SERVICE CONTINUITY
through stable, high performance solutions, easy to install and reconfigure

**EASIER
RECONFIGURATIONS**

MORE: SEE PAGE 40-41

In industrial environments, energy distribution networks need to adapt easily and quickly to new configurations. Busbars and cable management products meet these requirements by combining easy installation and flexibility. They also ensure the safety of the installation.



Swifts cable ladder: main distribution infrastructure



Mobile and multi-purpose P17 site distribution box



Cablofil wire mesh cable tray

**CUSTOMIZE
YOUR CHOICE**

MORE: SEE PAGE 34 to 37

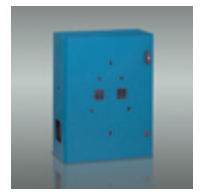
Our configured solutions provide tailor-made answers whatever your need and the level of requirements. Our enclosures are equally suited to ordinary environments with no particular constraints, and to the severest of conditions.



A perfectly integrated solution of heavy power distribution (with a designed point to point transfer)



Combined units: can be equipped to suit your need



Atlantic cabinet: heat regulation, perforations and painting to order

**MAXIMUM SERVICE CONTINUITY
AND ENERGY EFFICIENCY**

MORE: SEE PAGE 34 to 37

Supply inverters answer the double need of continuity of service and greater security. Traditionally used in industries with continuous manufacturing processes, they are increasingly used for the management of energy sources, particularly renewable ones. Low and Medium voltage Legrand solutions for reactive energy compensation allow to save energy and reduce environmental impact.



Medium voltage compensation provides fixed or automatic solutions with or without harmonic filters



Control panel of a supply inverter



DMX³, DPX and DX

→

RAW MATERIALS INDUSTRY
Reduce your electricity consumption and improve the global electricity quality of your plant with capacitor bank solutions.




→

TRANSPORT
EZ-Path®, an innovative firestop solution from Cablofil®, which satisfies both the requirements associated with modern buildings and those imposed by fire safety regulations.




→

PETROCHEMICAL INDUSTRY
From extra heavy duty cable ladders to wire mesh cable trays, the Group offering provides a variety of long-lasting and effective solutions to meet the requirements of extremely demanding clients.




→

PUBLIC SPACES
For public spaces that require a certain level of security – protect your environment with CCTV systems ideally suited to large surveillance areas.




A VERY BROAD RANGE OF APPLICATIONS

Beyond the examples of products and solutions we have just shown you, the Legrand Group boasts expert know-how in a large number of other applications. Our consistent research efforts and the complementarity of our offers and brands allow us to respond to the needs of countless different projects.

INFRASTRUCTURE

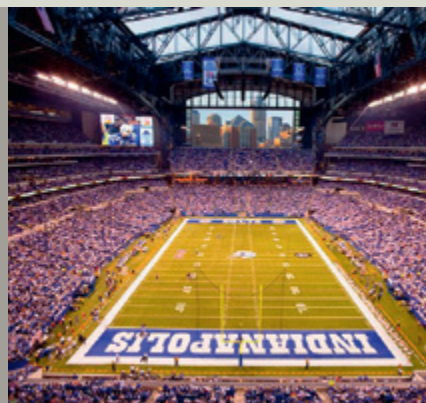
Airports, bridges, highways, railway stations, harbours, tunnels, ship building and naval installations...

INDUSTRY

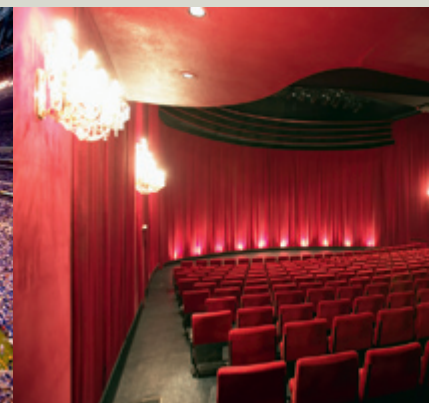
Food industry, car industry, raw material processing, oil & gas, chemical industry, pharmaceutical plants, waste & water treatment, photovoltaic installations, wind turbines industry, power stations...

BUILDING SERVICES

Warehouses, governmental buildings, educational facilities, leisure & entertainment parks, casinos, convention & exhibition centres, parking lots, theatres, museums, sports centres & stadiums.



STADIUMS



THEATRES



PHOTOVOLTAIC INSTALLATIONS



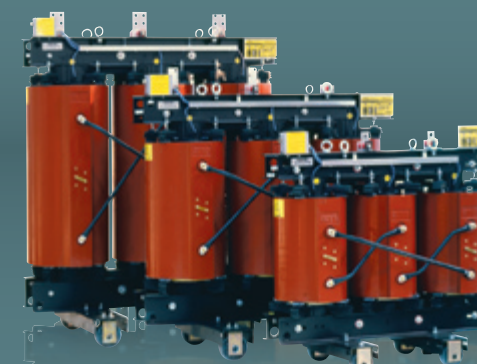
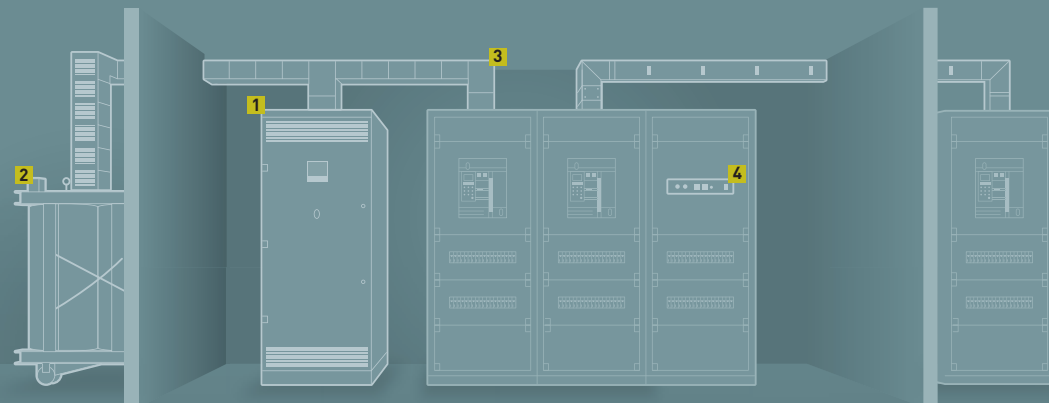
TUNNELS



WATER TREATMENT

1 REACTIVE ENERGY COMPENSATION

Designed to manage reactive power compensation, the vacuum-tech automatic capacitor banks demonstrate unparalleled long-term reliability. In addition to their overvoltage withstand capability and discharge resistance, these capacitor banks are also PCB-free, making them environmentally friendly.



2 ZUCCHINI EDM TRANSFORMERS

Zucchini EDM dry-type HV/LV transformers combine optimized electrical energy consumption with low environmental impact to offer a reliable, energy-efficient solution.



3 ZUCCHINI BUSBAR SYSTEMS

Reliability, flexibility, and usability: Zucchini High Power busbar systems provide fully safeguarded electrical power delivery and distribution to commercial and industrial buildings.



4 ALPES TECHNOLOGIES ANALYZERS

Real-time analysis of electrical network parameters and remote metrics feedback: Alptec network quality analyzers help users to act fast and deal with problems early.

ENERGY SAVINGS AND ENERGY QUALITY



The Legrand catalogue of products and systems provides a portfolio of solutions for enhancing energy quality and reducing energy consumption. Our reactive power compensation systems make it possible to increase the all-round output of your electrical installation or optimize your energy retailer subscription package (switch-down to lower rate bands). Network analyzers offer a suite of features: on-site or remote diagnostics and benchmarking, real-time metrics and performance comparisons, and monitoring on electricity delivery parameters. During building down-time phases, Zucchini's low-loss cast-resin transformers will optimize all-round energy consumption and reduce network power losses.

EFFICIENT PROTECTION UP TO 4 000 A

To guarantee efficient protection and effective service continuity, Legrand proposes DMX³ air circuit-breakers, DPX MCCBs, supply inverters, isolating switches and XL³ distribution enclosures as a set of fast-deployable solutions integrating cutting-edge technologies. The range is rounded off with standard or optimized distribution systems. Zucchini busbar systems connect the main panel and branch distribution panels to the building network to forge a top-level energy distribution system. Legrand has completed this offer with a series of complementary services spanning software solutions for scaling and designing electrical panel networks, technical guides, training modules and technical support, to facilitate specifier workflows and help shortlist and select the optimal system solutions.



XL³ 4000 ENCLOSURES
Robustness, sleek design, performance ergonomics and seamless integration of protection devices are the main qualities of the XL³ 4000 range of distribution enclosures.

37

PROTECTION UP TO 4000 A



XL³ AND ALTIS ENCLOSURES AND CABINETS

Drawing on the same core qualities as the XL³ 4000 enclosures, the full range of XL³ distribution enclosures and cabinets (up to 4 000A) combines sleek design and quality with quick-and-easy installation. Altis automation enclosures are geared specifically to industrial applications.



DMX³, DPX AND DX CIRCUIT-BREAKERS

The full range of Legrand protection equipment delivers an efficient and powerful solution against electrical faults anywhere in the installation.



ZUCCHINI BUSBAR SYSTEMS

As an energy distribution system, the Zucchini busbar offer up to 5 000A provides scalability, dependability and hassle-free deployment.



INDUSTRIAL SOCKETS AND COMBINED UNITS

Legrand proposes industrial-grade sockets up to 125A and combined units designed to handle specific applications in the toughest working environments.



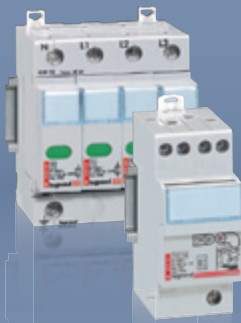
VIKING 3

Ultra-reliable connections by screw or automatic terminals, easy wiring, and marking thanks to CAB 3 system: Viking 3 boasts numerous competitive edges.



MARKING SYSTEM

Clear to read and straightforward to use, the CAB 3 marking system comfortably covers a wide range of applications: cables, wiring and terminal blocks.



MODULAR CABINETS

Various cabinet solutions (Practibox, Nedbox and Plexo[®]) exist to cover any type of installation. They share the same sober modern design and provide effortless cabling and deployability.

DX CIRCUIT-BREAKERS AND RCDS

The catalogue contains several circuit-breaker and residual current device ranges to meet a variety of application needs.

VOLTAGE SURGE PROTECTORS

Dependable protection against lightning effects for sensitive hardware such as PCs, printers, TV screens, home cinema systems, etc.

STOP & GO AUTO-RESET

If a temporary fault accidentally trips the general protection system, STOP & GO will automatically reset the installation.

TIME SWITCHES/LIGHT SENSITIVE SWITCHES

To optimize electricity consumption while enhancing user comfort and convenience.



PRACTIBOX

Practibox blends design and ergonomics into a modular range of 6 to 36 DIN-rail module flush-mounted cabinets.

A FULLY-COMPREHENSIVE MODULAR OFFER

Circuit-breakers, residual current protection systems, surge protectors, auto-resets, programmable or light sensitive switches... the Legrand Group offers a comprehensive range of DIN-rail equipment. People and property are protected against electrical faults, while energy consumption and system usability are optimized. The Legrand offer is rounded off by various ranges of functional and attractive modular cabinets that fully meet the requirements of any residential and small commercial project site.



► FLOOR

2 FLUSH FLOOR SYSTEM

A simple and effective system that integrates into concrete flooring to make maintenance and floor box reconfiguration operations easy.

3 SCREED FLOOR SYSTEM

Designed to carry heavy loads, this PVC or metal trunking is sunk directly into the floor screed.



2



3

► PERIMETER

4 TRUNKING

For power distribution and connection, PVC, steel or aluminium trunking offers installations the greatest flexibility and scalability. Wiring device ranges such as Mosaic or Arteor can be seamlessly integrated.



4

► OVERHEAD

5 METAL AND WIRE MESH CABLE TRAYS

With Cablofil, Van Geel/Legrand, Wiremold and Swifts, the Legrand Group offers a vast array of cable management solutions spanning the full range of applications: plain or perforated cable trays, and wire mesh trays. The range of available finishes means they can be used in any environment.

6 CABLE LADDERS

The ideal solution specially geared to heavyweight and very heavyweight loads.



5



6

40

1 CABLE MANAGEMENT FLOOR SYSTEMS:

SOLUFLEX, ELECTRAX, ZUCCHINI AND CABLOFIL
Fast-fitting, dependably safe complementary solutions, such as the Soluflex floor system, Cablofil wire mesh cable trays, Electrax or Zucchini busbars offer a series of key advantages: time saved on installation, flexibility in use, and instant reconfigurability.



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CABLE MANAGEMENT

CABLE MANAGEMENT A COMPREHENSIVE OFFER FOR ANY TYPE OF BUILDING



Office space, industrial buildings or housing, whatever the project and its requirements, Legrand has end-to-end system solutions for power and data cable management. Legrand's floor, overhead and perimeter cable management systems are engineered to make it easy to get power delivered where users need it. Quick and safe to install, these solutions were designed to optimize cost-effectiveness.

GETTING POWER & DATA DELIVERED JUST WHERE USERS NEED IT

Floor boxes, columns, mini-columns, under-desk modules, desktop multi-outlet extensions and trunking solutions have been specially designed to get power delivered just where users need it. Safe and easy to use, these installation elements open up convenient, flexible equipment options. This range of workstation systems has been developed to integrate several electrical standards, thus offering unbeatable adaptability. They all enable a seamless fit with wiring device ranges such as Mosaic or Arteor to offer innovative new functionalities.



1 DESKTOP MULTI-OUTLET EXTENSIONS
Blending design and ergonomics: the ideal solution for on-the-go and flexibility needs.



2 TRUNKING

For new buildings or refurbishments of currently available space, this is a fast-fitting and cost-efficient scalable distribution solution. Moreover, maintenance becomes easier thanks to sockets that snap-mount directly onto the trunking.

3 UNDER-DESK MODULES

Electrak Intersoc under-desk modules are available as a fully configurable solution that can be easily expanded to meet all workstation power distribution needs.

4 POLES AND COLUMNS

Choose among a variety of solutions, like the Vista architectural columns, for the best panel option to get the wiring capabilities you need, anywhere and for any reconfiguration.

5 FLOOR BOXES

Legrand, Bticino or Wiremold floor boxes fit smoothly into any type of power infrastructure, from raised service floors to concrete flooring, and into any type of building, leaving the interior styling fully intact.

→ Cable management solutions, see page 40 - 41

WIRING DEVICES ONE PARTNER FOR ALL STANDARDS

44

Legrand is the only market player with wiring device offerings in all the major international standards including US, German, British, French, Italian, Chinese and Korean. With more than 100 ranges of wiring devices encompassing in excess of 200 functions, you can choose from a wide spectrum of products to get the solution that best suits your project and local electrical standards.



45

WIRING DEVICES

FRENCH



BRITISH



GERMAN



ITALIAN



AMERICAN



BRAZILIAN



AUSTRALIAN



KOREAN



CHINESE



INDIAN



46 THE ULTIMATE CHOICE

Formats, colours, finishes and functions - the Legrand Group boasts 100 wiring device ranges to meet all your needs, however stringent the requirements involved. Whatever the project, whatever the geographic situation, there is a wiring device range to fit your needs. Exclusive ranges such as Arteor, Céliane or Axolute offer advanced home automation functions allied with luxurious, top-quality surface finishes. But requirements can be taken even further, to the configured solutions offered under the Art d'Arnould range, a benchmark in tailored solutions. And our portfolio even extends to end-to-end custom-built solutions: specific engraved markings, custom symbols integrated onto touchscreen appliances, your imagination is the only limit!



↓ THE EXCLUSIVE CHOICE
Céliane offers an exclusive selection of 11 finishes available on demand.



DREAMS
Céliane Exclusives



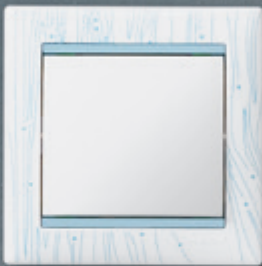
ENCHANTMENT
Céliane Exclusives



SLATE
Céliane Exclusives

↓ FROM STANDARD TO LUXURY
From standard to luxury, the Legrand Group's offering covers all segments and types of installations. However strict the requirements of your project, we can provide the perfect response.

STANDARD



GRAPH BLUE
Valena



WHITE
Matix



PEARL ALU
Arteor

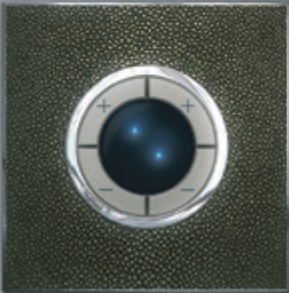
HIGH END



MAHOGANY
Céliane

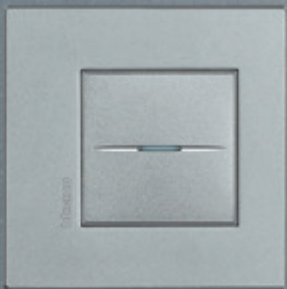


TRUE GOLD
Living



GALUCHAT
Arteor

LUXURY



TECH
Axolute Etèris



SAND LEATHER
Axolute



KRISTALL GLASS
Axolute

→ CONFIGURED
Art d'Arnould brings you an exclusive, configurable and bespoke range. Choose the functions, shapes and finishes to suit your project. For more information, please contact: ikap.legrand@legrandelectric.com



→ CUSTOMIZED
Special markings, personalisation of digital screens, etc. - whatever your needs, various Group ranges offer you the option to tailor-make your systems. For more information, please contact: ikap.legrand@legrandelectric.com



MIRROR WHITE
Arteor



LIGHT TITANIUM
Living

FUNCTIONS TO SUIT ALL TYPES OF PROJECTS

While numerous functions included in the Legrand Group's offering are common to all requirements encountered within commercial and residential buildings (high and low voltage power supply, lighting and heating control systems, etc.), Legrand can also provide dedicated functions to suit precise needs. Arteor and Céliane, for example, offer specific solutions for hotels, the Mosaic anti-microbial range is perfect for health care facilities and the Soliroc range is designed for hazardous or unmonitored areas. Modern buildings require targeted technical responses and, with 200 available functions, Legrand will always come up with the right solution.



→ SHARED FUNCTIONS
All the essential functions for all types of projects are covered by a vast selection of products: lighting controls, socket outlets, data and multimedia sockets, etc.



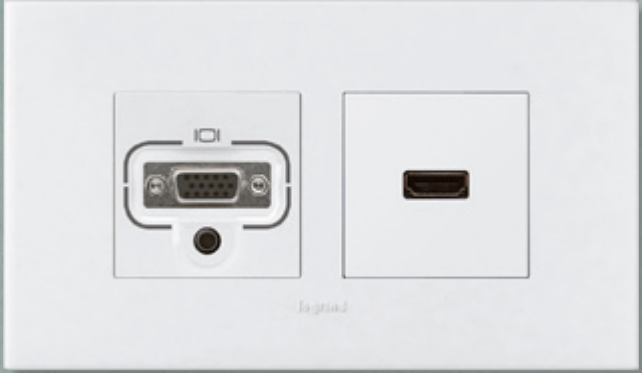
DIMMER



WI-FI ACCESS POINT



SWITCH



FEMALE HD15 + JACK 3.5 MM AND HDMI SOCKET



RJ 45 DATA SOCKET



HOTELS

Functions designed especially for hotels, specific marking, etc., are targeted solutions that meet the needs of both clients and operators. They guarantee maximum comfort and optimum profitability.



BEDSIDE UNIT



EXTERNAL UNIT

SHOPS & PUBLIC AREAS

Strong, resistant to intensive use and impacts, a whole range of equipment has been specially designed for premises that are used by the public.



CARD READER ACCESS CONTROL

OFFICES

Legrand provides a wide range of innovative solutions for sustainable lighting management.



AUTOMATIC SWITCH



LIGHT MOOD MANAGER

HOSPITALS

Various products, designed to meet the hygiene standards of medical premises.



ANTIMICROBIAL SWITCH



ANTIMICROBIAL FLUSH SOCKET OUTLET



COMFORT AND SAFETY

All the essential functions for a modern way of life: lights, roller shutters, alarms, sound distribution, etc.



DOOR ENTRY SYSTEMS AND HOME CONTROL:
PERFECT INTEGRATION

As genuine all-round home control centres, these systems combine home control functions with remote surveillance and video door entry system functions. They also offer access to a variety of multimedia contents: radio, weather forecasts, playlists, MP3, etc.

SCENARIO CONTROL



Control your centralized scenarios: lights, roller shutters, temperature, etc.

ROOM CONTROLLER



Control centralized functions and scenarios in each room from a single touch-screen: lights, roller shutters, sound distribution, alarms, etc.

TWO TECHNOLOGIES BRIDGING ALL YOUR NEEDS



User requirements in terms of home automation are continually rising. To meet these expectations, Legrand has developed a dual response: a Plug&Play solution with radiofrequency technology based on the ZigBee® protocol, and a BUS/SCS offer providing the fully-integrated solution package. These two technologies can cross-communicate via a shared platform. The BUS solution interfaces with systems such as DALI and KNX. Our OpenWebNet protocol secures interoperability with other home automation systems. Available through ranges such as Arteor and Céliane by Legrand and Axolute and Living & Light by Bticino, our offer is broad enough to cover the full spectrum of needs. Whether you need to automate a single function or build full-scale systems integrating every available application, the Legrand Group has a solution for you.

SUPERVISION



Supervise and monitor your installation remotely via the internet, your mobile or smart phone.

MY OPEN COMMUNITY



Customize your home-automation applications, interface Bticino and Legrand products with third party solutions: it's all possible via the "My Open" web community.

VANTAGE THE BENCHMARK IN HOME AUTOMATION

For over 20 years, Vantage has been designing and manufacturing home automation and lighting control equipment which has come to symbolize the state-of-the-art in technology and reliability. Its capabilities and flexibility have made Vantage the benchmark solution for luxury homes, and Vantage can be seamlessly integrated into office buildings, hotels and commercial premises. Combine these assets with straightforward wiring, proprietary free-to-update software, open interoperability, an international network of trained dealers and technical and engineering support, and you can understand why Vantage is set to remain eternally up-to-date.



Vantage systems give homeowners unprecedented control over every facet of their lives at home. Keypads, touch screens and remote access enable to activate, change or monitor the home systems from anywhere.



↓ HOTELS



Vantage also works wonders in audio-visual meeting rooms where it ensures perfect integration of lighting, music, projection screens, videoconferencing



equipment, curtains and, where applicable, the partitions that transform a large room into several small rooms.

↓ HOME THEATRE



The Vantage home theatre solution combines sophisticated control of lighting and window treatments with pulse-pounding and high definition video to create the perfect theatre experience.



POLYX VIDEO

The new Polyx Video forms part of the "Design for all" concept. This stand-alone internal unit incorporates a wide range of functions. It is equipped with multi-sensory controls (sight, touch, sound) and can be used with a hearing device. This design facilitates accessibility for disabled and elderly people. Polyx Video has been awarded the DfA Start label.

DOOR ENTRY SYSTEMS SPECIALIST OFFERS FROM THE VILLA TO COMPOUNDS



For detached houses or individual apartments, medium-sized homes, large residential tower blocks or compounds, there is a residential access control solution that perfectly meets the needs of every project. Thanks to a wide choice of stand-alone versions as well as attractive solutions integrated into a number of wiring device ranges, the Legrand Group is able to boast one of the most complete selections on the market. It also offers various services to facilitate project design and to help you make the right choice.

EXTERNAL



APARTMENTS AND
MEDIUM SIZED HOMES

INTERNAL



EXTERNAL



SFERA AND AXOLUTE OUTDOOR

Sfera is a flexible external unit for any kind of installation typology. The Axolute Outdoor entrance panel from Bticino combines all the advantages of a 2-wire system with all the options of an IP system. Innovation in terms of aesthetics, functions and technology.

INTERNAL



MORE THAN JUST A VIDEO DOOR ENTRY PHONE

As genuine home control centres, these internal units incorporate a wide range of functions: door entry system, monitoring of communal and outdoor areas, home control, access to certain web services and multimedia content management, etc.

LINEA 2000 METAL

The extra-flat Linea 2000 Metal entrance panel from Bticino combines beauty with functionality. It is perfect for small applications thanks to its 2-wire BUS system.

INTERNAL UNITS

In stand-alone version or as part of the Céliane, Arteor or Axolute ranges, hands-free or with a handset – choose exactly what you want.

PUTTING A STOP TO ENERGY WASTE

Delivering just the right lighting, where it's needed and when it's needed, that's what Legrand's lighting management solutions are there for. They provide an appropriate and dependable response for any building project designed for sustainable development. Legrand's solutions offer technical compliance with building energy efficiency requirements, but they also go further, enabling significant energy savings and cuts in running costs while creating a safer, more comfortable environment for building users. Legrand's new lighting management solutions provide a valuable contribution to Green Building initiatives such as BREEAM, LEED, HQE and GREEN STAR.



Switch sensors

A range of switch sensors for automated lighting management, the ideal solution for single or multiple areas.



BUS/SCS SYSTEM

A BUS/SCS based system enabling lighting management throughout a floor or a whole building, fully compatible with all types of lighting features as well as DALI.



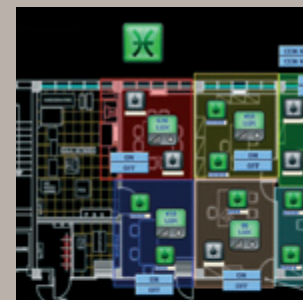
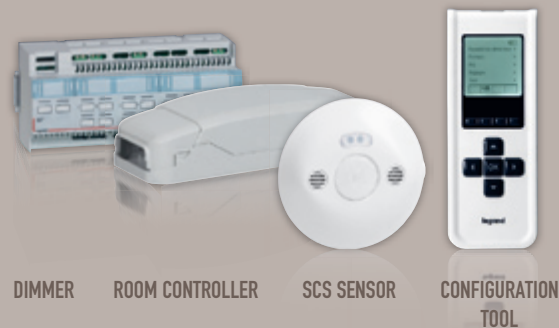
SYSTEMS DESIGNED AS THE ULTIMATE IN EFFICIENT LIGHTING CONTROL

The solutions best suited to maximizing energy savings will vary depending on the target space and the type of project involved. **Legrand proposes two solutions for tackling the specific requirements of different applications.**



TRANSPARENT INFORMATION

The Legrand Group delivers complete, fully transparent information on the potential savings made possible by its lighting management solutions: the forecast energy consumption scenarios are based on standard EN15193.



SOFTWARE



A COMPLETE SOLUTION

Legrand offers a range of lighting management strategies: occupancy-based or vacancy-based, with options for combined manually-set and automated control, lighting level control based on natural light availability or space usage, but also programmable light settings according to site occupancy.



GROUP SYNERGY

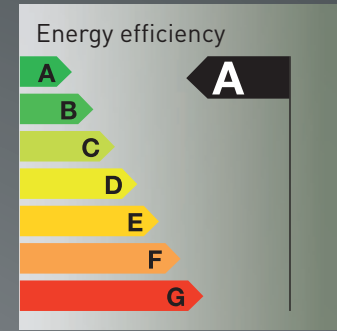
The Legrand Group's lighting management solutions integrate seamlessly with its international wiring devices ranges such as Arteor, Mosaic, Céline, Axolute...

SARLAM LIGHTING SOLUTIONS DESIGN, SAFETY AND ENERGY EFFICIENCY

Showcase your building and the surrounding spaces, make its access secure and optimize the energy balance; Sarlam lighting solutions include bulkheads, bollards, striplights and recessed lighting for walls and flooring. Choose the colours, shapes and materials best suited to your project's specific environment. Designed to facilitate installation and maintenance, Sarlam products also perfectly meet the environmental requirements of modern buildings.



SUSTAINABLE LIGHTING SOLUTIONS



■ Make savings through built-in motion sensing

The bulkhead comes with a built-in sensor, offering an effective system for handling intermittent building use patterns throughout the day while ensuring the lights stay off overnight. Not only does this solution save on power consumption, it is also easy to set up and maintain.

■ Opt for new light sources

Fluorescent luminaires fitted with electronic ballasts provide real progress in terms of equipment lifespan, easy maintenance, and lower electricity bills.



■ Protect products & users

Available throughout almost the entire Sarlam range, vandal-proof functions meet the safety and solidity requirements dictated by the environment in which they are installed, with high degrees of protection (IK from 7 to 10 and IP from 43 to 65).

TAKING ALL YOUR REQUIREMENTS INTO ACCOUNT

- Integration of the most energy-saving sources and technologies,
- Lighting quality,
- Resistance to environmental constraints and vandalism,
- Quality finishes,
- Extremely easy installation and maintenance.

BOLLARDS



BORNEO

CHARTRES

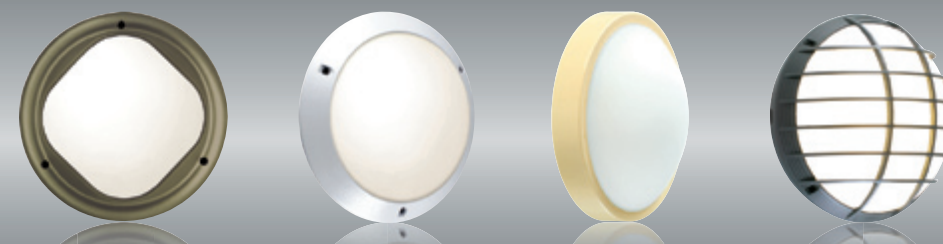
RECESSED LUMINAIRES



KALANK

KALANK MINI LED

BULKHEADS

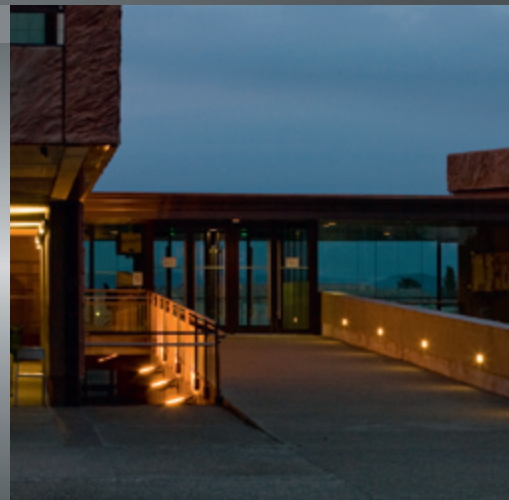


KOREO

CHARTRES

OLERON

HIGH POWER HP



NEW EMERGENCY LIGHTING OFFERINGS

The new Legrand emergency lighting offerings are equipped with low energy, long-life LEDs which ensure low energy consumption while also reducing maintenance costs. The use of Ni-Mh batteries further reduces their environmental impact. Their slim design facilitates integration into any type of surroundings.



EMERGENCY LIGHTING GOES GREEN



Thanks to technological developments in line with Legrand's various environmental commitments, an increasing number of its emergency lighting solutions now combine safety with energy saving. The new offerings are equipped with long-life, low energy LEDs. An additional benefit: all our emergency lighting solutions are eco-designed, have eco-labelling (NF environment) and are entirely recyclable. Right around the world, the Legrand Group provides stand-alone emergency lighting luminaires as well as addressable solutions to cover all types of buildings.

THE PERFECT COMBINATION OF SAFETY AND ENERGY SAVING



NEW EMERGENCY LIGHTING UNITS

The flush-mounting accessory guarantees quick and easy ceiling mounting.



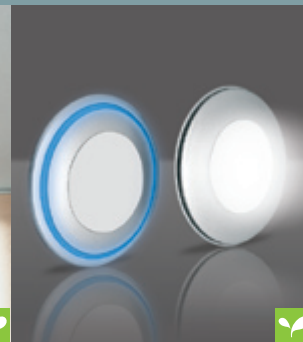
ARCOR™2

The perfect combination of flush-mounted design and low energy consumption.



SLIDE CONNECT™G2

Winner in 2008 of the Award for Excellence in Sustainable Design, one of the Australian International Design Awards, this LED based solution is perfectly suited to the Pacific area.



LIPSO

Emergency lighting pilots with LEDs, the perfect combination of style and safety.



G5

An emergency lighting range that offers a variety of fixing modes and finishes. For any kind of project, anywhere in the world.



ER

A cost-efficient solution for all exit sign applications in the Pacific area.



SPECIFIC SOLUTIONS

Twin Spot Lights: the right solution for lighting large open areas. Conversion kits: change usual luminaires into "stand-by lighting units".

VARIOUS SOLUTIONS

ADDRESSABLE SYSTEMS



Legrand produces various addressable systems, both wired with the Legrand Vision System and wireless with Axiom. These systems are designed for managing emergency units and conversion kits. Software allows operators to monitor one or more buildings, floors or areas, from a central location. For easier and better prepared maintenance operations.

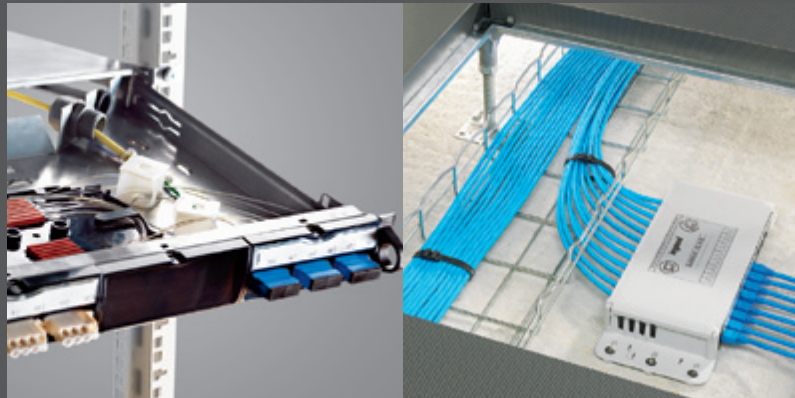
LEGRAND CABLING SYSTEM² PERFORMANCE FROM THE TECHNICAL ROOM TO THE WORKSTATION

62

Complete systems with a 20-year guarantee.



The new LCS² offering includes copper (Cat. 6A, Cat. 6 and Cat. 5e), fibre optic and Wi-Fi solutions as well as enclosures. The systems have been designed as coherent entities to optimize their performance. Additional benefit: the perfect synergy with other Legrand products and solutions such as cable management, trunking systems, installation supports or wiring devices. Legrand's solutions allow to create coherent and efficient systems from the technical room through to the workstation.



LCS² FIBRE OPTIC DRAWER

For ease of use and maintenance, the fibre optic drawer is entirely accessible and the fibres are coiled using built-in accessories.

ZONE DISTRIBUTION BOXES

Flexibility and adaptability in outlet connections and reconfigurations thanks to the fast connection system and zone distribution boxes.



THE NETWORK AT YOUR FINGERTIPS

On the wall using trunking, at ceiling level using columns, at floor level with floor boxes or locally with desktop multi-outlet extensions – networks can be adapted to any type of workspace configuration.



PERFECT INTEGRATION INTO WIRING DEVICES

RJ 45 sockets integrate seamlessly into the Group's various ranges of wiring devices: Mosaic, Céline, Arteur, Living, Light, etc.



LCS² 19" ENCLOSURE

Designed for optimal management of cables and patch cords. Easy to assemble and dismantle.

63

STRUCTURED CABLING SYSTEMS

SPECIALIST SOLUTIONS IN DATACOM ENCLOSURES

Estap is the Legrand Group's specialist providing a complete offer in datacom enclosure solutions: from basic racks, cabinets and accessories to telecommunication outdoor cabinets, server cabinets and data center solutions. Estap provides standard as well as customized solutions.



IT COOLING SOLUTIONS
Hot aisle, cold aisle, cold/hot aisle containment, perforated doors, open/closed loop cooling systems (In row/ Side cooler)



IP 55 OUTDOOR ENCLOSURES
Maximum protection against environmental impact, vandalism, EMI and extreme thermal conditions.



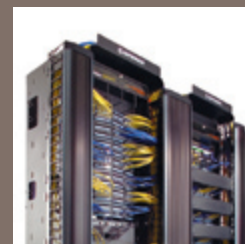
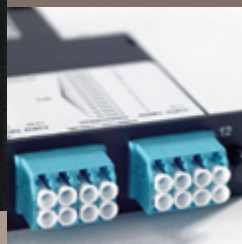
UNIVERSAL LINE
High quality cabinets fit your decoration and environments. Secure and sturdy.

ORTRONICS/ESTAP SPECIALIST SOLUTIONS FOR STRUCTURED CABLING

With Ortronics, the Legrand Group provides advanced, highest performing structured cabling systems and solutions for mission critical applications. They are perfectly suitable for LAN and datacenter/SAN installations in many different markets including finance, transport, healthcare, administration etc. Combined with the Group's infrastructure solutions for cabling - racks, cabinets, Cablofil® wire mesh cable trays and raised floor systems - these systems ensure real network stability. Via its specialist Estap, Legrand also offers complete solutions for datacom enclosures, from standard applications to bespoke versions.

ORTRONICS HIGH PERFORMANCE FOR MISSION CRITICAL APPLICATIONS

From building entrance to desktop, Ortronics offers seamless end-to-end solutions to keep your business moving. Whether you need to run copper, fibre, or wireless... for LAN, SAN, or data center... with a distributed, centralized, or zoned architecture: Ortronics understands the impact of structured cabling and physical support on networks, and designs systems to ensure yours connect flawlessly.



DATACENTER



STOCK EXCHANGE



AIRPORTS



HOSPITALS

HEALTHCARE SPECIFIC SOLUTIONS FOR HEALTHCARE ENVIRONMENTS

The Legrand Group offers specific material **H** from bedhead equipment through to signalling.

This dedicated offer comprises complete and functional solutions for bedrooms, corridors, treatment rooms, casualty wards and equipment rooms. Our healthcare solutions integrate perfectly into the Group's global offer, thus ensuring maximum reliability. They have been designed to enhance patient safety and comfort while reducing the need to involve nursing and maintenance staff.

ANTI-MICROBIAL RANGES



Functions tailored to areas with extremely strict hygiene requirements feature in the Mosaic, Céliane and Plexo ranges. Their specific feature is the use of an anti-microbial material containing silver AG+ ions, which allows the majority of bacteria, fungi and viruses to be eliminated.

ELIOFLUX 2™



These strip lights combine ambient and reading lighting. They are engineered to withstand the impact of cleaning products.



The bedhead trunking unit enables the room to be supplied with medical gases.

ELIOCAD™



Eliocad™: This hospital signalling system is a BUS solution incorporating Mosaic functions.



Mosaic functions dedicated to display calls or the presence of a nurse in corridors and rooms.

→ ELIOFLUX 2™ BEDHEAD TRUNKING UNIT

A perfect combination of functionality and flexibility, bedhead trunking units can incorporate various electrical functions, such as power and data sockets, lighting and roller shutter controls, and hospital signalling. They also allow to supply the patient's room with medical gases. Their electronic ballasts and T5 tubes reduce energy consumption. They can be installed vertically or horizontally and are available in different colours and finishes.

↓ MULTI-FUNCTION HAND-HELD CONTROL UNIT

For remote control of reading light, room lighting and roller shutters.

AT YOUR SERVICE THROUGHOUT THE WORLD

Our IKAP team is there to give you the best possible support, whatever the nature or geographic location of your project, whatever your information requirement: whether commercial or technical details, information about standards and regulations or presentational media... We provide you with solutions drawing on all available resources, making the best use of expertise across different brands, subsidiaries and offers.

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ONE TEAM / 7 COORDINATION AREAS



SOME SHOWCASE PROJECTS



Private Yacht (Monaco)



Hotel Secret de Paris (France)



Paris Department Store (Hungary)



The Sail @ Marina Bay (Singapore)



California Academy of Sciences (USA)



British Antarctic Research Centre (UK)



Aquileia Tower (Italy)



Ottoman Palace Hotel and Villas (Dubai)



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