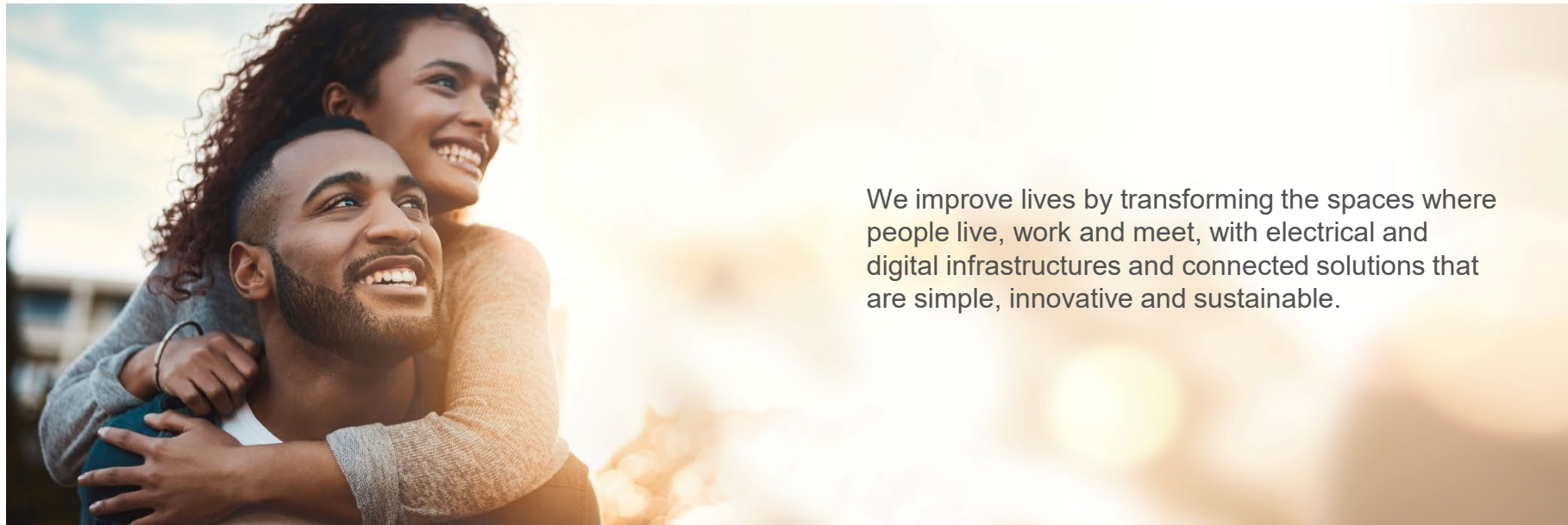




WE GO FURTHER YOUR TRUSTED DATA CENTER PARTNER

Comprehensive solutions and expertise,
every step of the way



We improve lives by transforming the spaces where people live, work and meet, with electrical and digital infrastructures and connected solutions that are simple, innovative and sustainable.

#LegrandImprovingLives

Improving lives |



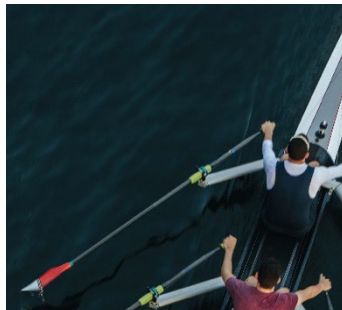
We seize the future

By developing lasting, innovative, high-performance solutions for all types of buildings thanks to our talented and visionary teams.



We embrace inclusion

By regarding the diversity of our teams and customers as a strength and an opportunity to be a better business every day.



We move in sync

By being a group of people, brands and partners with the shared aim of delivering added value for the entire electrical sector.



We strive for simplicity

By adopting a pragmatic and transparent approach in both our human relations and our product design.



We are dependable

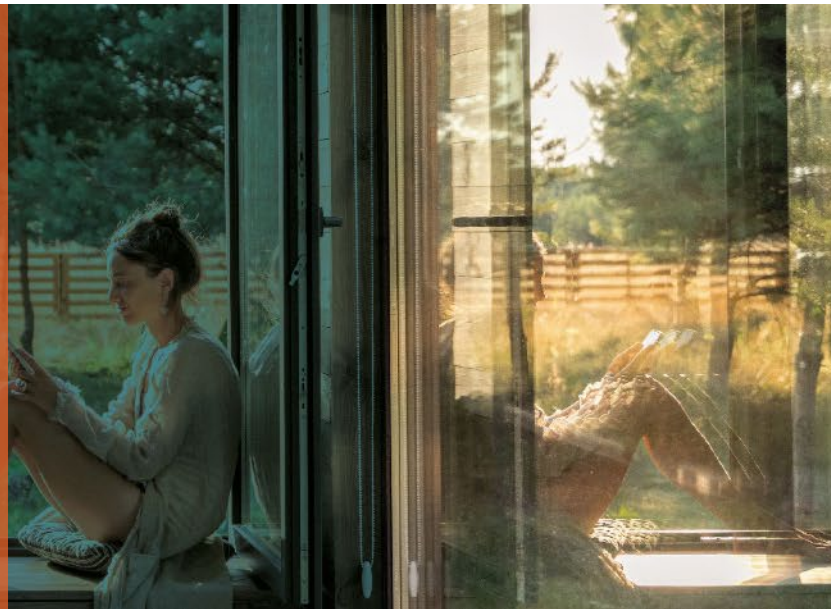
By being trustworthy with reliable and virtuous product designs and ethical and responsible business practices.

All over the world

we support the digitalization of residential, commercial and industrial buildings and data centers, and help to reduce their carbon footprint

We make life easier

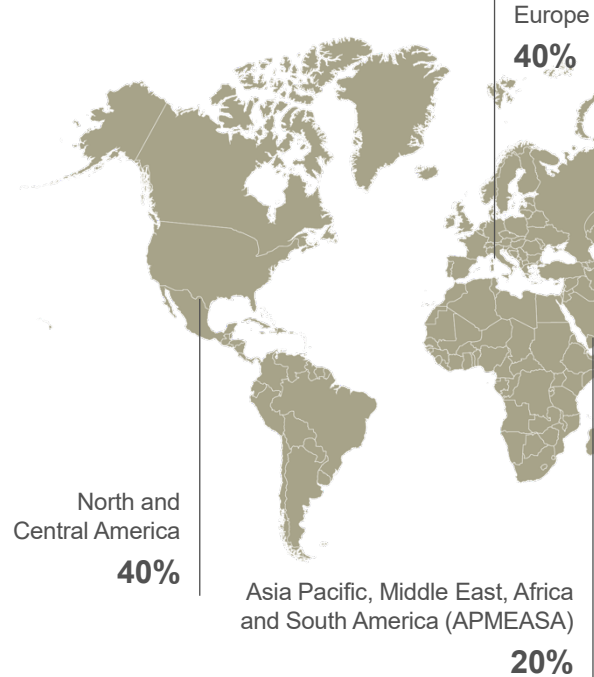
for all our users, both private and professional, by making spaces more interactive, more comfortable and more sustainable



Key figures 2024 |

Group sales

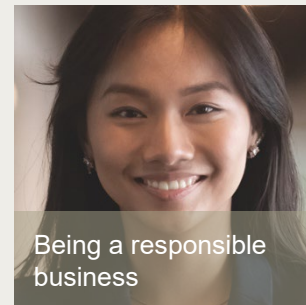
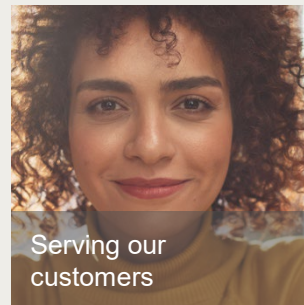
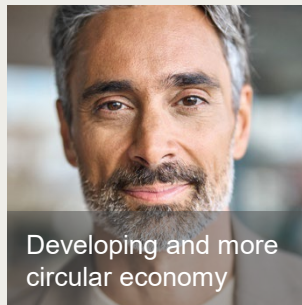
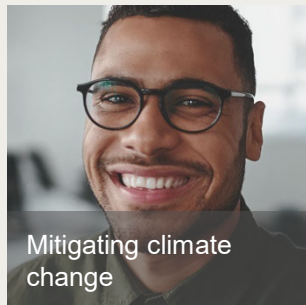
€8.6 bn



Key figures 2024 |



Our commitment to sustainability | Responsible innovation for a sustainable future



2030 Targets

- Having **a third of key** management positions held by **women**

- Reducing by **42%** our direct and indirect GHG* emissions (Scopes 1&2)
- Reducing by **25%** our indirect GHG emissions (Scope 3)

*current scope basis compared with 2022

- Phasing out single-use plastics in packaging: eliminating **100%** of the plastic in primary and secondary packaging for Legrand products

- Enabling our customers to avoid the emission of **70 Mt** of CO₂e with our energy products and services (Scope 4) between 2020 and 2030

- Reaching **80%** of our sales made with non-responsible solutions (through their use as part of our energy efficiency solutions, or covered by a Product Sustainability Profile – PSP)

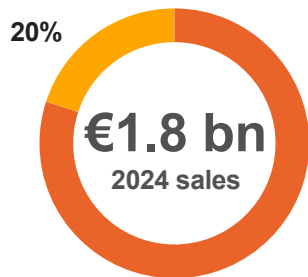
2050 Targets

To be Net Zero by 2050

This means a 90% reduction in greenhouse gas emissions (Scopes 1, 2 and 3) across the Group's whole value chain compared with 2022

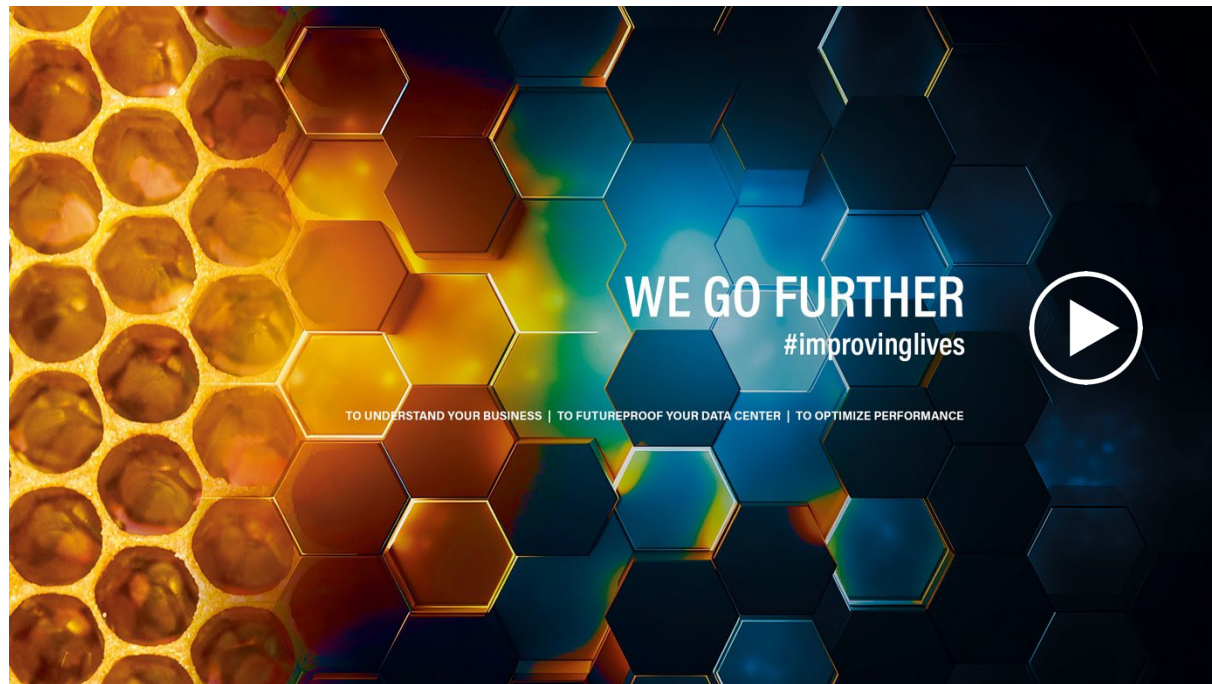
Target validated by the SBTi
(Science Based Targets initiative)

Unlock the full potential of
your data center



Every facility and data center has unique challenges, complexities, and a story to tell. For **over 30 years, worldwide**, we've supported our customers with **innovative, tailored** and smarter solutions.

[Legrand.com/datacenter](https://www.legrand.com/datacenter)



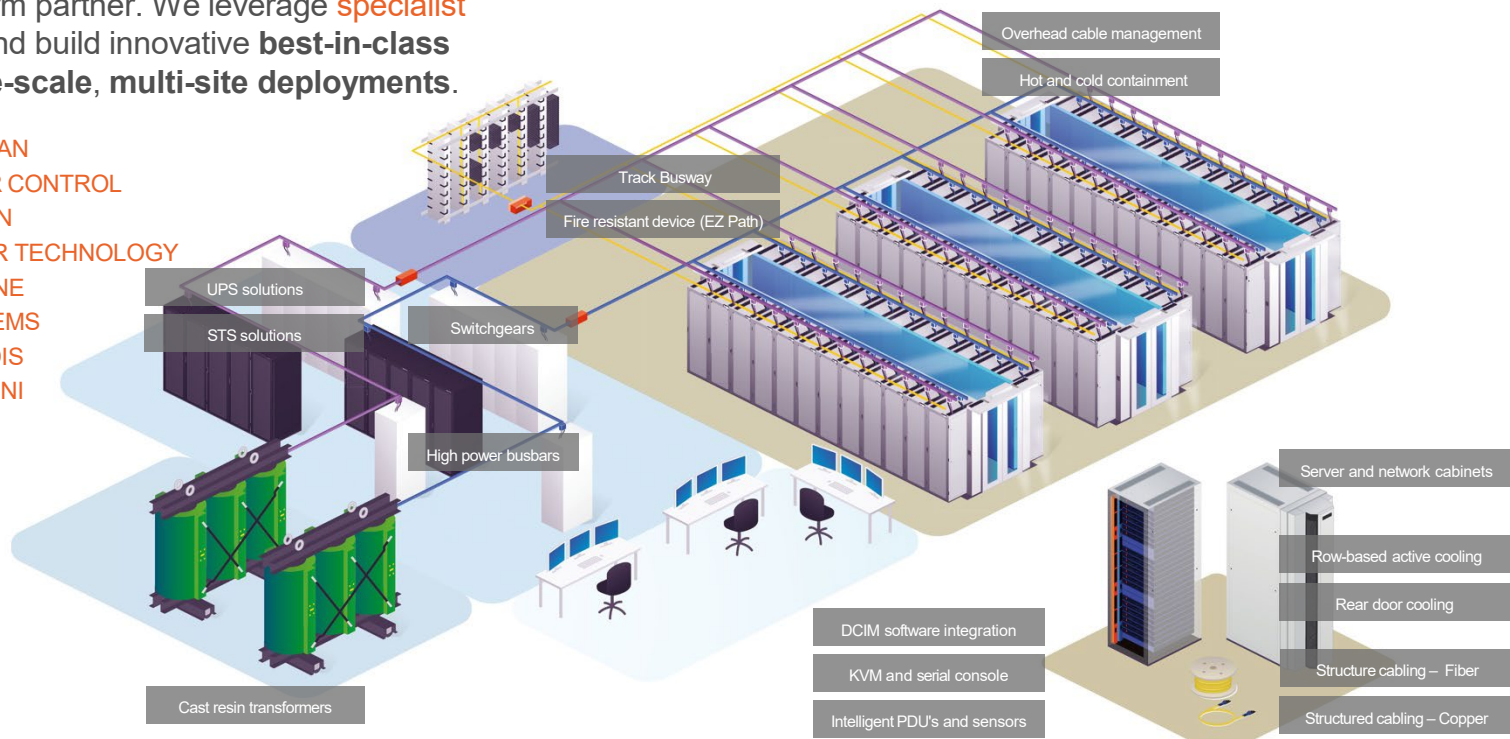
Your trusted partner in data center solutions

Infrastructure powered by specialist solutions

We're your long-term partner. We leverage **specialist brands** to design and build innovative **best-in-class solutions** for large-scale, multi-site deployments.

LEGRAND
BTICINO
BORRI
CABLOFIL
DAVENHAM
ESTAP
GEIGER
MINKELS

MODULAN
POWER CONTROL
RARITAN
SERVER TECHNOLOGY
STARLINE
USYSTEMS
VOLTADIS
ZUCCHINI



Our products and solutions

Critical power and cable pathway



Cast resin transformers

High power busbars

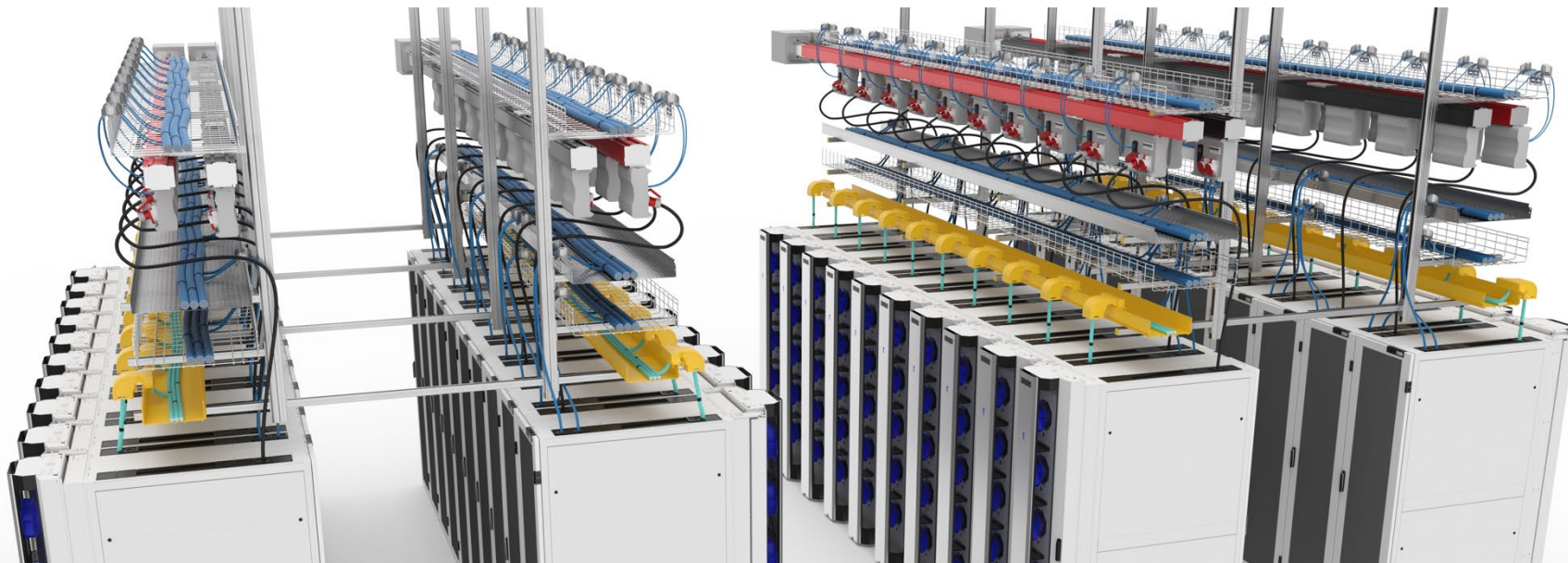
UPS and STS solutions

Overhead cable management

EZ-Path resistant device

Our products and solutions

White space



Track Busway

Cable pathway

Containment

Racks

In-row cooling

Rear door cooling

Our products and solutions

Server and rack solutions



PDU's

KVM

Rackable UPS

Structured cabling

A network of expert teams at your side

When it comes to **improving energy efficiency, reliability, and overall performance** of the data center, no one is more passionate than us. **No one goes further than us.** Our attention to detail and the way we **customize and personalize the client experience** has led to lasting and **deep relationships** with our clients globally.



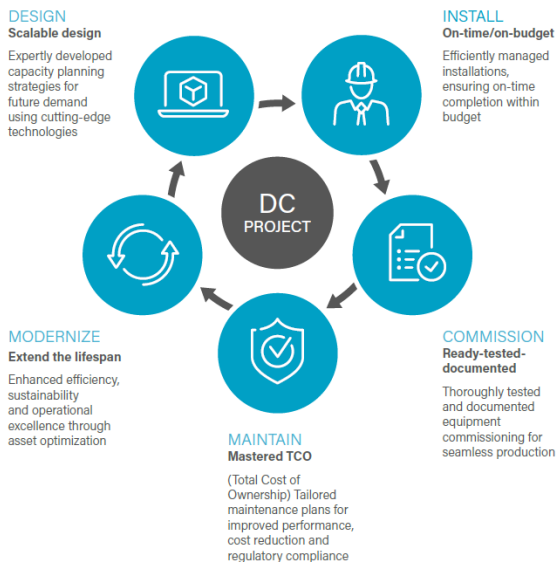
A network of expert teams at your side

Specialists at every phase:

- **pre-sales consultants** for upfront planning,
- dedicated **regional teams** for efficient rollout, and
- dedicated **local experts** for ongoing support

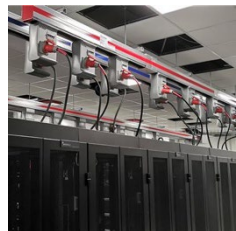
Our **European Centers of Excellence** (Busway, Racks and Containment, In-Rack PDU, Busbar, UPS, Transformers, structured cabling, cable pathways, cooling ...), **Key Account teams**, and streamlined sales structure ensure coordinated delivery across regions and project types.

Guaranteeing optimal performance throughout your project's life cycle



Trusted by industry leaders

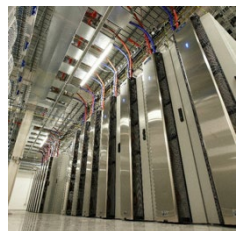
Customer references and success stories



Italy: Tuscany Cloud System

Ensuring uninterrupted services with solutions ranging from high-availability transformers to smart PDUs

"The Tuscany region data center is an important center of attention to the person because it allows to manage in a safe and centralized way the history of our citizens, we can say that life flows inside our data center."



UK: Cambridge University

Building a world-class data center to support research, reduce emissions, and set a new benchmark for energy efficiency in higher education

"The West Cambridge Data Centre project will mark out the University as a clear early-adopter of the latest energy-efficient technology, showing what can be achieved and leading the way for other HE establishments to follow."



Serbia: Technosector and MIND Park

Establishing resilient IT infrastructure and an on-site data center with racks, UPS, and cooling solutions

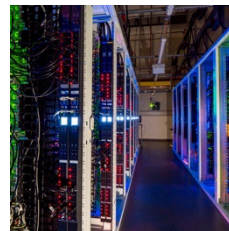
"Legrand is not only a sales company, but they are a company involved in developing new ideas and new solutions. And they cover the complete data infrastructure field, from the socket right up to the UPS system – everything you need."



The Netherlands: E-Quest

Navigating challenges of growth, regional expansion, and efficient infrastructure development with tailored solutions

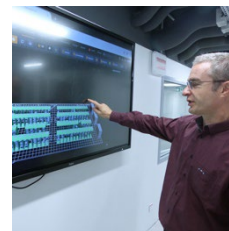
"For the longer term, we're not ruling out the possibility that we might build another data center. At that point, Legrand will most definitely be on our short list of preferred vendors."



The Czech Republic: Seznam.cz

Delivering a sustainable, and future-ready data center in just 12 months, ready to support high density computing and AI workloads

"Partnering with Legrand to complete this project in such a short timeframe was a testament to both teams' dedication and innovative spirit. The new data center not only meets our current needs but also positions us for future growth!"



France: TF1

Enabling modernization by equipping and upgrading computer rooms with tailor-made racks

"We chose white Minkels racks so that they would be bright, to optimize the lighting, and for their warmth. Legrand also helped integrate the In Row racks and the sealing adjustments for the cold aisle air conditioning."

Trusted by industry leaders

Customer references and success stories



UK and Ireland: Fujitsu

Data center expansion with overhead power distribution and flexible metering option that could grow to scale.

"If we have the required tap offs on site, we can just plug them in and within minutes have additional circuits up and ready for our customers."



USA: Princeton Plasma Physics Laboratory

Uncompromised access to power through a bespoke system that changes based on researchers' needs.

"The objective for the electrical design in the new lab space was to incorporate infrastructure flexibility for the changing environment of plasma research."



USA: Washington County Fairgrounds

Open-access design allowing officials to place plug-in units as required without losing power or critical systems.

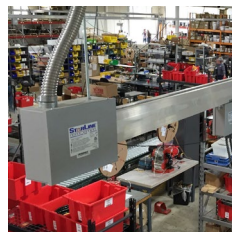
"With the Starline busbar, it gave us the opportunity to put the power where we needed it without all of the electrical work."



UK: Oxford University

Adopting a flexible power distribution system that ensures calling in electricians to re-cable will be a thing of the past.

"From our point of view, Starline makes life a lot easier. It's easier to isolate and identify any electrical faults that you've had on the server. You're not having to go back to a large distribution board."



USA: Winar Connection

Access to power is never hindered, with no need for costly electrical reconfiguration if workspaces need changing.

"We were able to move the Starline busbar product ourselves and set up the power in the exact locations that we needed it without having other people in our facility, or product lines being shut down."



USA: Christian church

A discreet solution to power a dynamic, modular video wall and support a congregation's new home.

"The Starline Track Busway allows us to move the power wherever we need to have it. The flexibility and mobility of where you would like to position the power sources is something that really sets it apart from different installations."

We go further |

Choosing Legrand means choosing a partner dedicated to reliability, trust, and progress – one that delivers superior data centers and confidence for the future.

Next steps

- Schedule a consultation
- Visit a showroom
- Download additional resources

[Legrand.com/datacenter](https://www.legrand.com/datacenter)



Have a data center project?
Let's get started.



Efficient transformer solutions that reduce consumption and CO₂ emissions, empowering your sustainable future

- **Guaranteed reliability** and optimized service life with reduced partial discharges **< 5pC**
- **Class E3 C2 F1 and E4** (on-request)
- Reduced no-load and load losses **(A0 -10% Ak)**

Power ratings from **50kVA** up to **20MVA**

CAST RESIN TRANSFORMERS



PRODUCT FEATURES

- Power ratings from 50 to 3150 kVA
- Aluminum winding
- Insulation class: up to 36 kV
- Class E3 C2 F1
- Thermal class of insulation system 155°C (Class F)
- Temperature rise 100K
- Ucc of 6%
- According to requirements EU548/2014
- Compliant to standard IEC 60076-11

SERVICE

- Design & Coordination by a centralised specialist team
- Full engineering documentation
- Warranty Extension
- Support on Commissioning and Start-up (on request)

KEY BENEFITS

- Reduced energy consumption
- Low CO2 emissions
- Compact dimensions
- Reduced weight
- Safety
- Easy handling and installation
- Long-life
- Basic Maintenance
- Easy to dispose and recycle

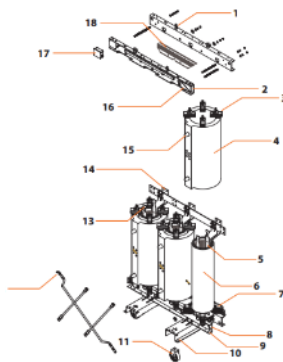


A Production Flow with a High Variety and Variability of Range



1. Lifting eyes
2. Upper core clamp
3. Upper spacer
4. HV windings
5. Magnetic core
6. LV windings
7. Lower spacer
8. Connection earthing
9. Lower core clamp
10. Truck

11. Bi-directional wheels
12. HV delta connection
13. Core lifting rods
14. LV terminals
15. HV terminals
16. Rating plate
17. Auxiliary circuit box for probes
18. Upper core yoke



Magnetic Core





Delivering compact, high-performance busbars with enhanced safety and flexibility for critical applications

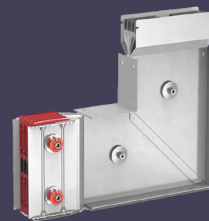
- Up to an **IP55** degree of protection (**IP65 and IP68** available)
- Fully tested and compliant to standard **EN61439-6**
- Extra compact design with **3, 4 or 5** aluminum or copper conductors

System with nominal amperage **630- 6300 A**, for continuous operation up to **1000 Vac**

XTRA-COMPACT HIGH-POWER BUSBAR



- ✓ A High-Power Busbar, designed with **Safety**, **Flexibility**, and **Performance** in mind for a fully customizable power solution.
- ✓ Designed to distribute power in data centers from the **Grey Space** to the **White Space**.
- ✓ 2 Ranges: **XCP-S** and **XCP-HP** delivering **630-6300** amps and **IP55** to up to an **IP65** degree of protection



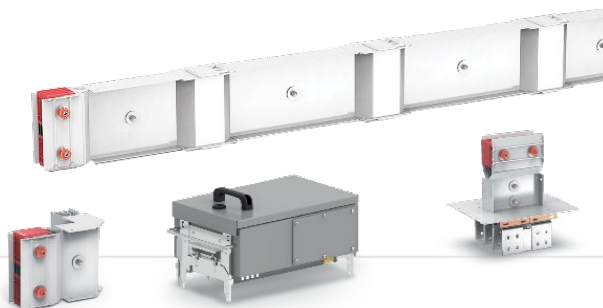
HIGH POWER BUSBAR



FEATURES

- Fully rated, to an ambient temperature up to 55 degrees Celsius
- System with nominal amperage 630-6300 A, for continuous operation up to 1000 Vac
- Extra compact design with 3, 4 or 5 aluminum or copper conductors
- Variety of Tap off boxes in aluminum or fiber glass up with 1250A
- Insulation classes B and F
- Fully tested and compliance to standard EN61439-6
- Thermal monitoring

Starline.



KEY BENEFITS

- Better efficiency in power distribution reducing voltage drops
- Low EMC emissions
- Highest degree of impact resistance of the casing
- Safety assured: high rated short-circuit current, superior technology and fire resistance
- Proprietary PSSL software ensures fast and accurate layouts, bills of material and 3D Modelling
- AutoCAD, Revit, Navis Works and BIM models available
- Ease of installation and reduced installation time, with pre-installed MONOBLOC joint kits
- Easy to dispose and recycling

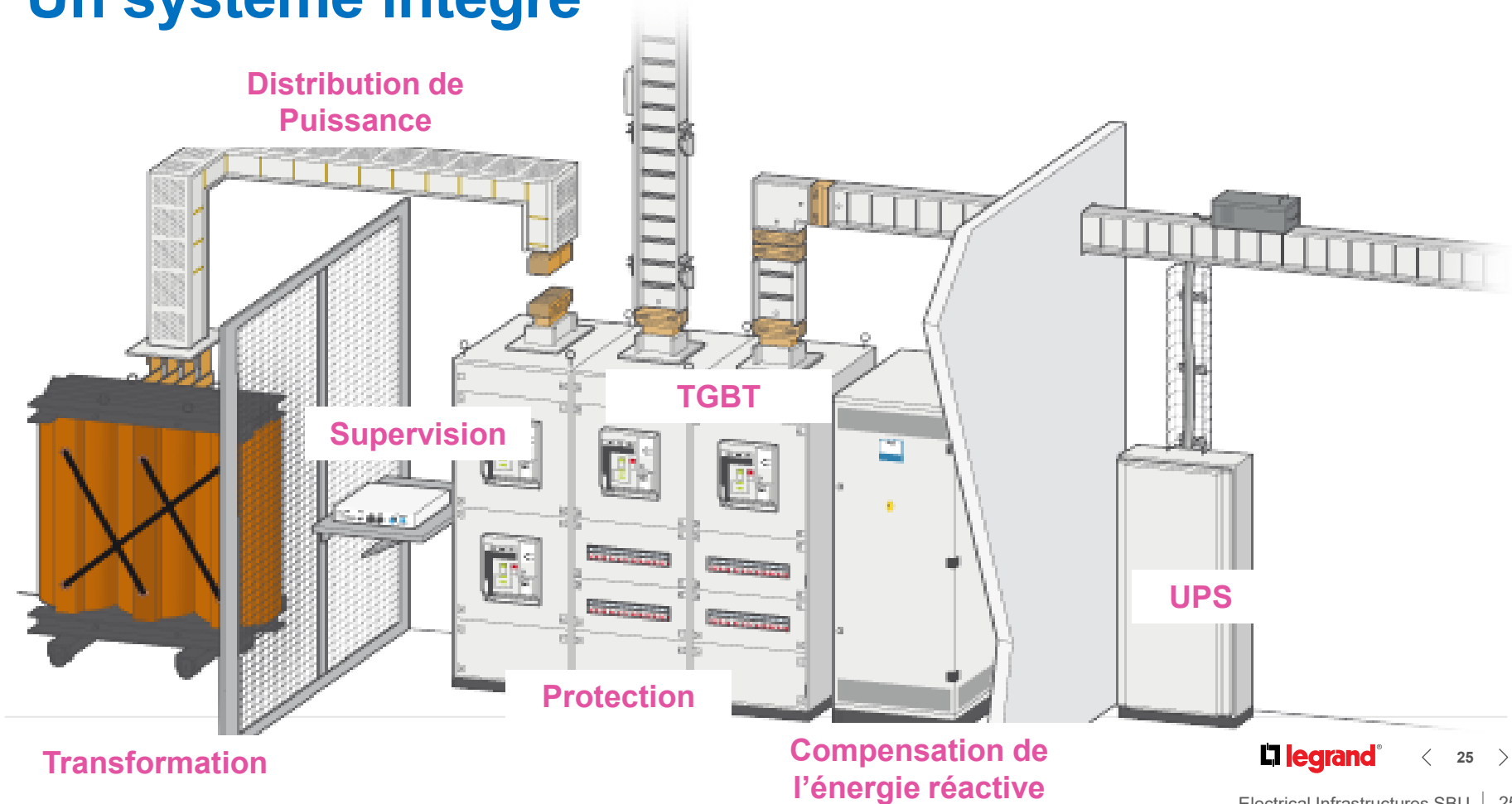


Maximize protection and power efficiency with intelligent circuit solutions for your most critical power environments

- **DMX³ and DPX³**: 3 or 4 pole options, optional integrated metering, and Fixed, plug in or withdrawable options
- Full compliance with **EN/IEC** standard **60947-2 and 60947-3**
- Maximum safety, performance and continuity in critical power environments

MCCBs up to **1600A**/
ACBs up to **6300A** for
complete circuit
protection

Un système intégré



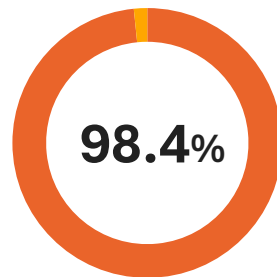
Solutions commerciales - Mesure et supervision





Seamlessly protect and power your systems with energy-efficient, high-uptime single-phase to multi-megawatt UPS solutions

- **High availability:** Hot-swappable and hot-scalable architecture for zero-downtime maintenance
- **Optimized:** High power density per module with reduced operating costs, long battery life, and simplified serviceability
- **Scalability:** Modular design with power scalability up to 4.8 MW in parallel (with Keor FLEX)



Efficiency up to **98.4%** (VFI mode) with **Silicon Carbide (SiC)** technology



SCALABLE MODULARITY



12 x 100kW Power Modules

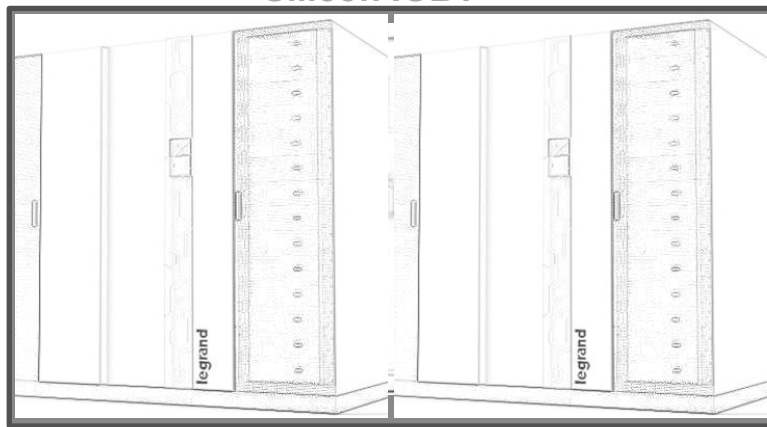


Hot-Swap Design:
100kW to 4.8MW live plug-in **PM**
By-Pass Modules



COMPACT

1.2MW
Silicon IGBT



≈ 4000
mm



1.2MW
Full SiC
Technology



2250 mm

* Optional integral switches in standard footprint

Innovative design and construction based on Silicon Carbide technology reduces footprint by 50% against similar Hot Swap Modular UPS with Distribution Switches rated at 1.2MW with Silicon Semi-Conductors

 MTTR < 5min



Hot Swap Bypass Modules. ALL 6 units must work for the Bypass to operate



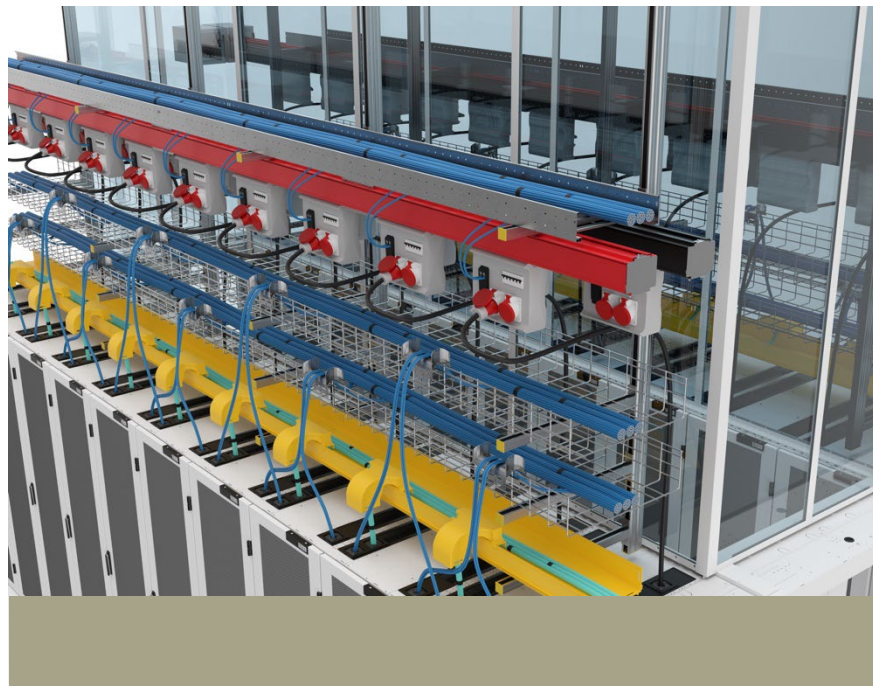
- 100KW Power Module, up to a max of 12 x 100KW.
- When a Power Module is replaced (UPS is still operating with no loss of continuity), the UPS automatically updates ALL the power modules to ensure firmware compatibility



Critical load protection with seamless, safe power switching for maximum redundancy and resilience

- **Secure power switching** without cross connection
- Bottom and top cable entry with **full front access** for easy maintenance
- **SCR fault detection** and backfeed protection

Seamless, instant (**<4 ms**) load transfer in dual power systems – from **100 A to 3000 A**



Optimize installation time and reduce costs with innovative, easy-to-handle cable management solutions

- **Fully compliant with IEC 61537** and major fire safety standards
- **Sustainable design:** Recycled materials and low-CO2 finishes
- **Full PEP documentation** to support your CSR commitments

Key ranges

Cablofil®, Fiber Raceway, Swifts and Salamandre



GREY SPACE



SWIFTS
cable ladders



P31
cable trays



SALAMANDRE
security trunking



CABLOFIL
wire mesh cable trays



WHITE ROOM



FIBER RACEWAY
cable ducting



CABLOFIL
wire mesh cable trays



P31
cable trays



GLO-4
cable ladders

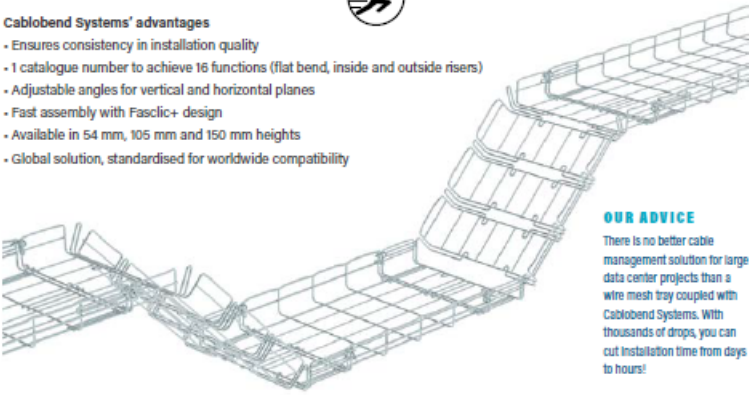


4. FASTER AND SAFER BENDING



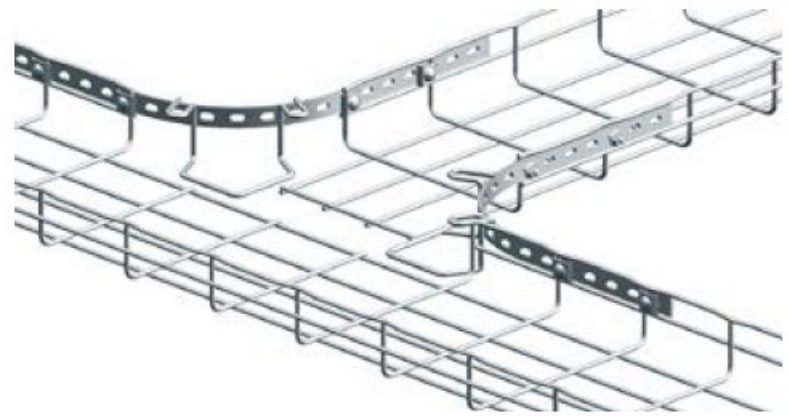
Cablobend Systems' advantages

- Ensures consistency in installation quality
- 1 catalogue number to achieve 16 functions (flat bend, inside and outside risers)
- Adjustable angles for vertical and horizontal planes
- Fast assembly with Fasclic+ design
- Available in 54 mm, 105 mm and 150 mm heights
- Global solution, standardised for worldwide compatibility



OUR ADVICE

There is no better cable management solution for large data center projects than a wire mesh tray coupled with Cablobend Systems. With thousands of drops, you can cut installation time from days to hours!



5. SAFE DROPOUT

DEV 100 dropout



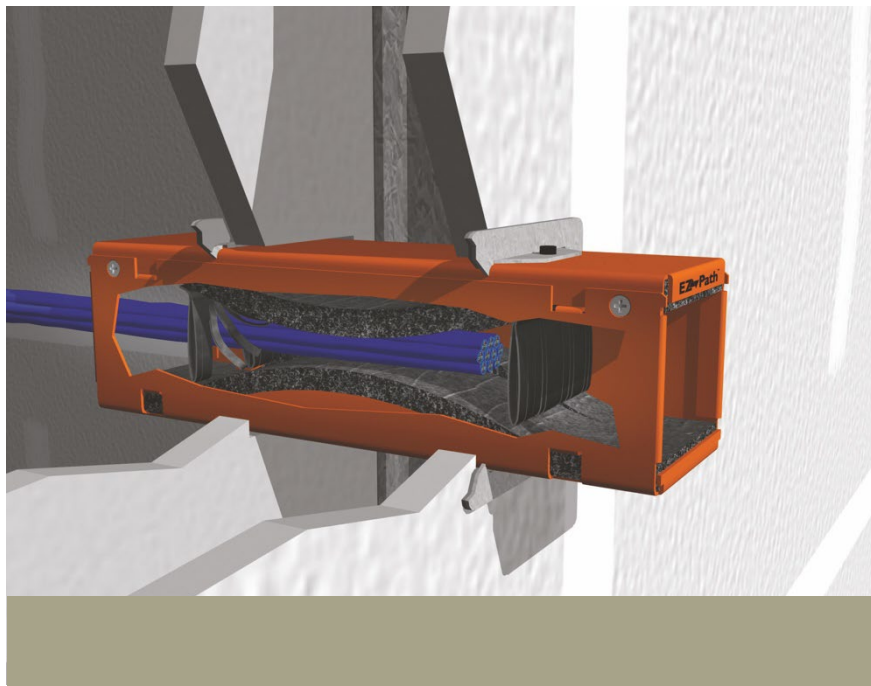
Dropout kit



UDO dropout



	DEV 100 dropout	Dropout kit	UDO dropout
Simple installation	✓	✓	✓
Tie-down slots	✓	✓	✓
Compatible with service trays	✓	✓	✓
Cut-free installation	✓	✓	✓
Variety of sizes		✓	✓
Supports large cable bundles			✓
Safety side rails			✓



Reliable firestop solutions that ensure compliance and easy installation in any structure

- **Permanent, automatic firestop system** suitable for any structure and easily fitted into existing infrastructure
- **Firestop module** consists of a metal housing containing intumescent pads and, if necessary, can be combined with fixing plates
- **Automatic adjustment** to cable loading

EI 120 according to
EN13501-2

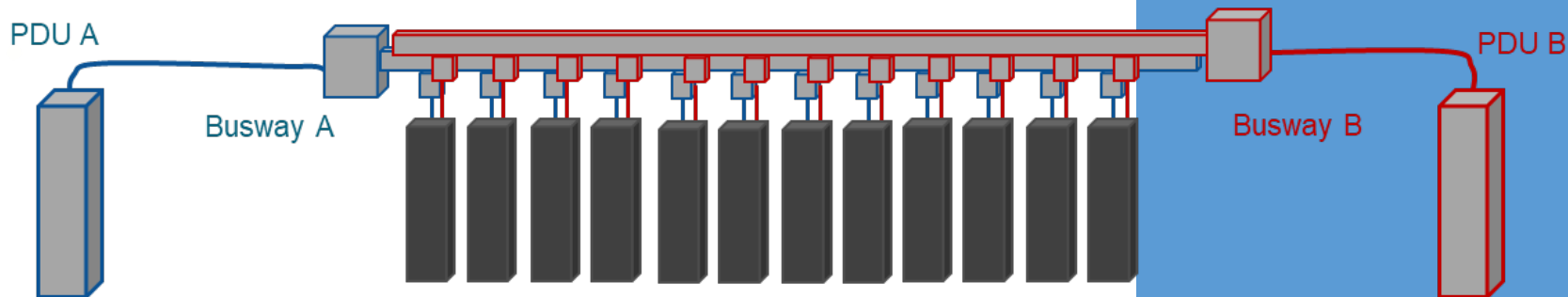


Customized, reliable power distribution that adapts to your data center's unique needs

- **250A – 1250A** 4 pole and 5 pole systems
- Continuous and reliable connection with our unique **U-shaped copper busbars**
- Certified to **BSEN 61439-6**

100ka ICC rated busway system

TRACK BUSWAY POWER DISTRIBUTION



OUR DATA CENTER OFFER

- ✓ **Can eliminate raised floor**
→ reducing data center construction costs and time
- ✓ **Eliminate RPPs and PDPs**
→ space and cost savings
→ removing another potential failure point (less-wiring)
- ✓ **Easily reconfigurable and structured for growth**
- ✓ **More efficient cooling**

FLEXIBILITY

Flexibility for Change

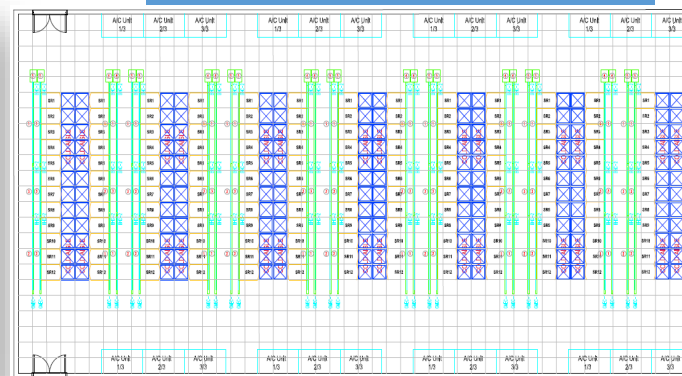
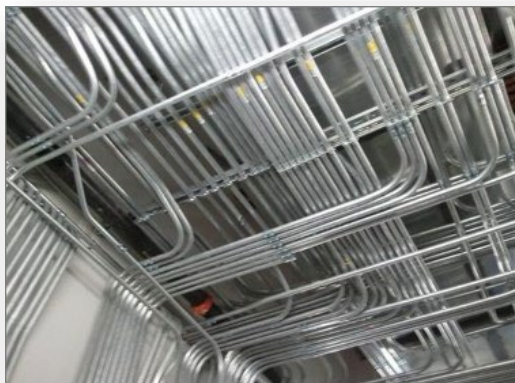
- Not hard-wired into the ceiling or walls
- Flexible for quick changes in the layout of the power distribution system



EASINESS

Linear Design

- Track busway is much more organized than a traditional pipe & wire system
- Makes it easier to design, install, maintain, and make changes to the system layout

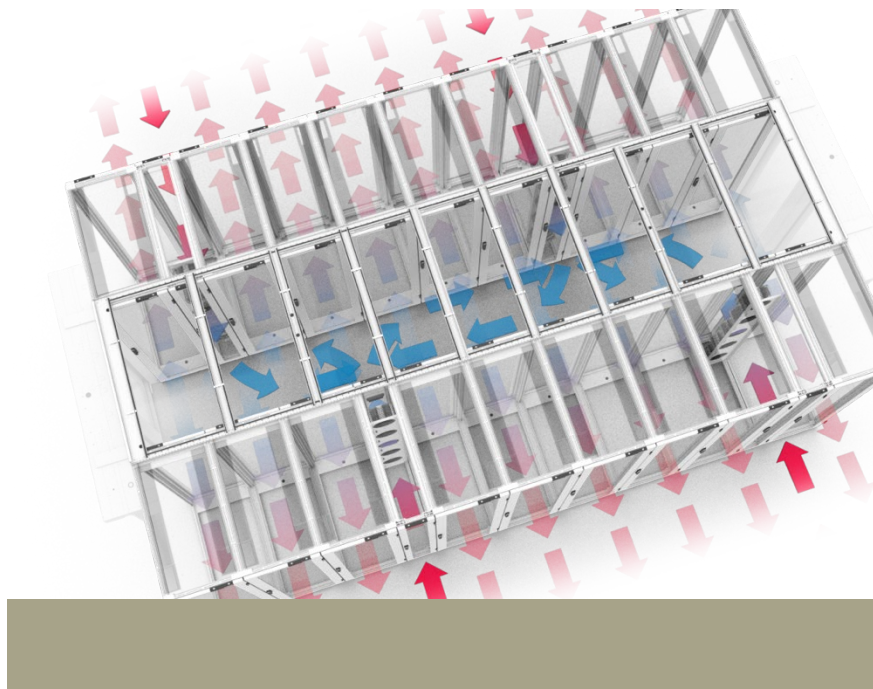




Efficient, energy-efficient containment solutions that maintain optimal temperatures while reducing costs

- High transparency panels and LED lighting for best **aisle visibility**
- Passive rear doors compatible with the most common industry cabinet dimensions
- **FM approved** drop-away system for water-based fire extinguishing systems

Fully configurable cooling solution with **Zero operational costs**



Targeted cooling that maximizes efficiency and reliability, even in high-density environments

- Designed to adapt to flexible data centers with **varying thermal loads**
- Consistent performance with **precise temperature control**
- Prevents hot air and cold air from mixing, **enhancing cooling efficiency**

Modular design suited to handle heat loads **from 10kW to over 60kW**



Adaptable, energy-efficient cooling with unmatched performance in demanding data center environments

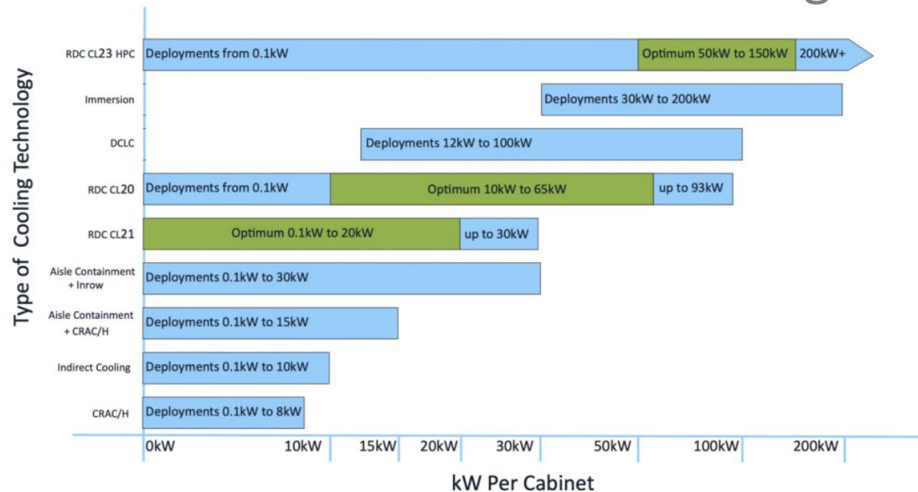
- Achieves energy savings and lower operational costs with higher **Power Usage Effectiveness (PUE)**
- Comprehensive support and customization options provided by **USystems**
- Elevated water temperatures for optimized **Water Usage Effectiveness (WUE)**

Reduces utility expense by conserving water resources

ColdLogik Rear Door-Kühler im Vergleich zu

anderen Technologien

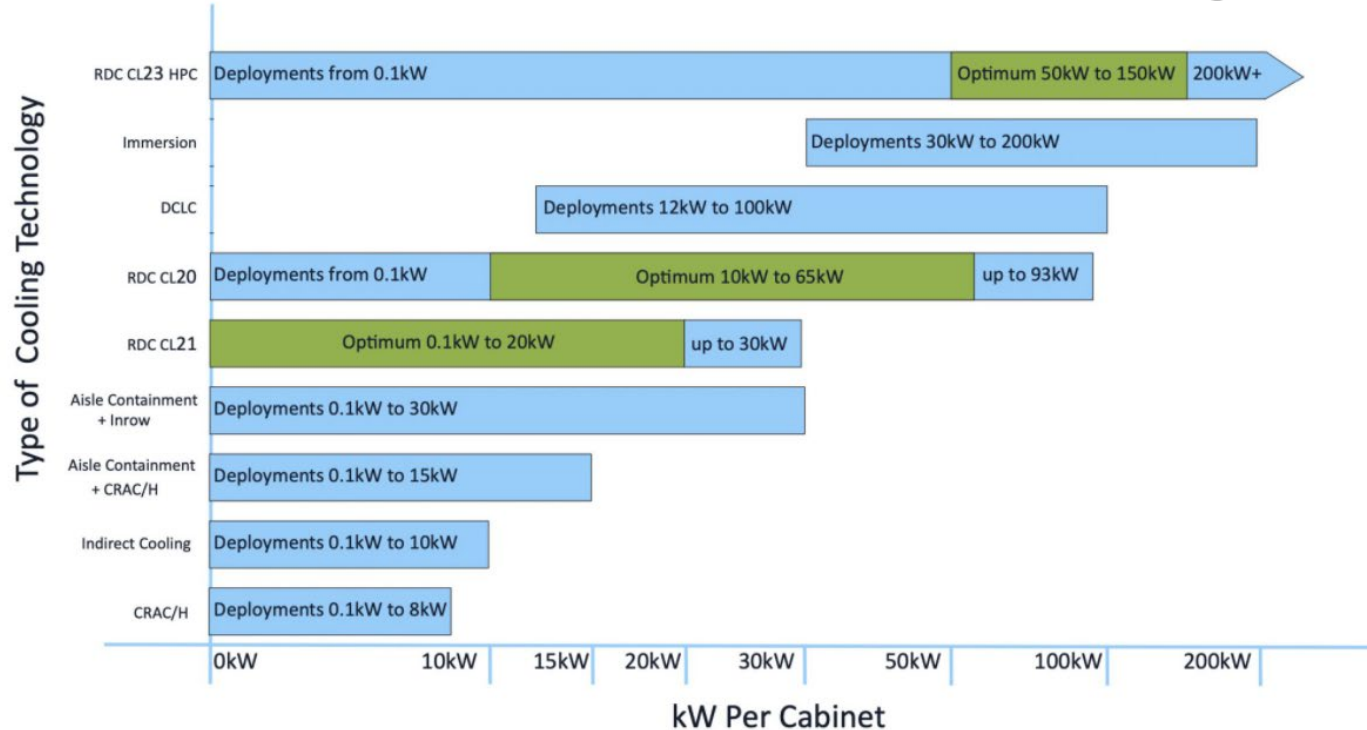
ColdLogik Rear Door-Kühler im Vergleich zu anderen Technologien



USystems
A brand of **legrand**

legrand **USystems**
A brand of **legrand**

ColdLogik Rear Door-Kühler im Vergleich zu anderen Technologien





Modular, energy-efficient racks, designed to meet the data center demands of today and tomorrow

- Server and network racks and cabinets (19", 21", 23", ETSI)
- Solid, glazed or perforated door with a light weight but durable chassis
- Modular roof design with adjustable vertical mounting profiles

Optimal **airflow management** for better **energy performance**

PORTFOLIO

DIMENSIONS AVAILABLE

2 COMPARTMENTS						
H(U)	42	47	52	42	47	52
D (mm)	1000	1000	1000	1200	1200	1200
W (mm)	600/800	600/800	600/800	600/800	600/800	600/800
H (mm)	1978	2200	2422	1978	2200	2422
Capacity per compartment	18	21	23	18	21	23
Capacity facility compartment	2,7	2,2	2,7	2,7	2,2	2,7

4 COMPARTMENTS				
H(U)	47	52	47	52
D (mm)	1000	1000	1200	1200
W (mm)	600/800	600/800	600/800	600/800
H (mm)	2200	2422	2200	2422
Capacity per compartment	10	11	10	11
Capacity facility compartment	3	3,5	3	3,5





Smart, reliable power management solutions that maximize uptime and minimize risk

- **Wired or wireless** network connection, enabling extended interoperability with various **DCIM** or **BMS** platforms
- Supports networked **SNMP**, **MODBUS**, open **REST** based **API's** and **Redfish API**
- **Built-in failover power**, residual current monitoring, USB mass configuration, and alternating phases per branch or outlets



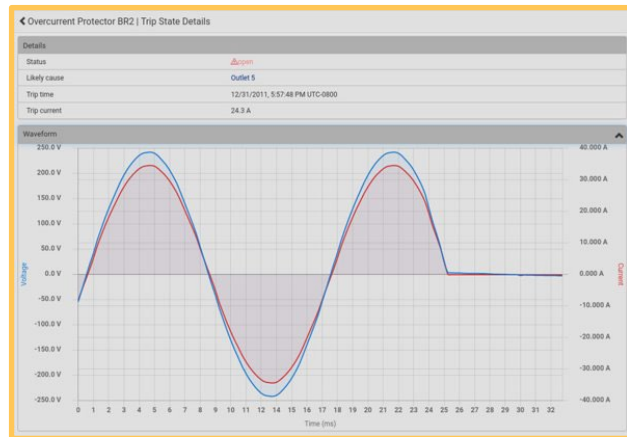
10 years of continuous operation

PX4 & PRO4X RACK PDUS

Circuit Breaker Trip Forensics With Waveform Capture

Allows you to proactively **monitor the total load across circuit breakers** for potential overload events.

- Helps to identify exactly which outlet/device caused a circuit breaker to trip
- Coupled with Outlet Power-On Prevention you can restore power to other devices while isolating defective equipment for future maintenance
- Reduce downtime and improve troubleshooting capabilities



PX4 & PRO4X RACK PDU'S

Asset Management Tags & Sensors

Automated, Real-Time Inventory of IT Assets

Our intelligent Asset Tag and Sensor suite automates IT asset tracking, allowing you to know exactly when and where a device is moved, added, or changed.

Why protect access at the rack level?

- Ability of proof in the case of unauthorized access
- Maintain audit trail of access to user data
- Keep track of changes and access times
- Enforce procedures for access control
- Guarantee integrity of data processing and traceability throughout its lifecycle

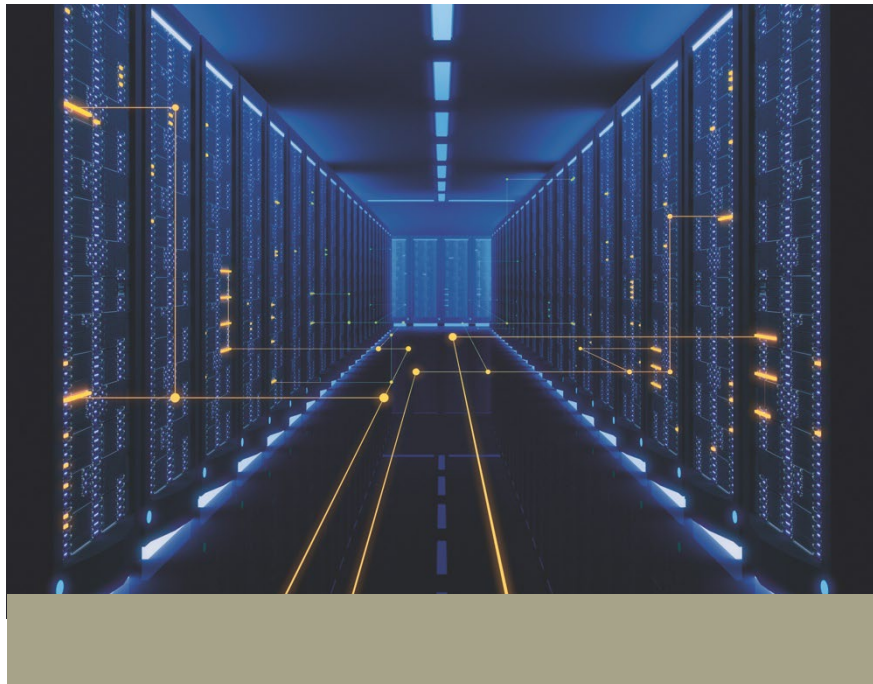




Remote access solutions that enhance quality, reliability and security

- 1920x1080/1200 video resolution, **30 FPS** and **50ms latency**
- **Secure, encrypted and logged** access to computer servers
- **CommandCenter** centralized management enables access to thousands of devices under a single IP and from a remote management interface

Up to **64 ports**
models for **8 remote**
IP sessions



Future-proof, high-performance structured cabling systems designed for high performance digital infrastructure

- **Easy migration** to future network designs and technologies
- High quality modular solutions, supporting **1U/2U/4U**
- Rear and front optimized cable management allows for quick and accessible maintenance

400Gb and beyond without redesign or preventing obsolescence with better optical performances (Infinium acclAIM, LCS3)



Scalable, near-lossless connectivity solutions that future-proof your data center network

- **AccIAIM** connectors mate directly to an array of 2-fiber mdc duplex patch cords
- Ultra-Low Loss, Total Channel loss **$\leq 0,4\text{dB}$**
- Direct mating also **eliminates the need for cassettes**

Ultra high density,
up to **288 fibre/U**



Fully utilize existing resources while staying alert to issues before they cause downtime

- Intelligent, real-time monitoring of infrastructure to **maximize power efficiency**
- Seamless connectivity between software and hardware solutions with **shared APIs**
- Instant access to a wide range of specialized software providers

Continuous monitoring and innovation

