

Designed for Agility



# The Future Ready Data Center

Data Centers are at the **heart** of the digitally driven future

## THE CONNECTED CONSUMER **1 BILLION INDIANS**

will be connected to the Internet in 2030.

They will be harnessing the power of the Internet to transform the way they work, live & play. They will be spread across geographies, languages and income groups using multiple connected devices.

Consumers would develop an insatiable demand for

**Speed**  
**Convenience**  
**Contextualization**  
**Non-stop Connectivity**



# DIGITAL ACCELERATION

## 12.3 MILLION PETABYTES

is the estimated size of digital data in India in 2030. It was  
40,000 petabytes in 2010.

Companies across sectors are accelerating their digital adoption to meet the formidable challenges of rising consumer expectations and changing technologies.

The businesses that will be ahead of the curve will be those that use digital technologies at a micro level to better

Connect  
Collaborate  
Communicate  
Automate  
Analyze

# DATA CENTER TRANSFORMATION

## \$7 BILLION

is the projected value of the Indian data center market in 2030  
from the currently estimated size of \$4 billion.

Data centers will take center stage in driving competitive advantage, consumer experience and profitability. With the proliferation of IoT, big data, cloud etc., data centers will adopt hybrid architectures, supporting higher density computing and using software and instrumentation at a never before scale.

While uptime, operational efficiencies and cost optimization remain important, data centers will be driven by the need for

Speed  
Scalability  
Flexibility  
User Centricity

# The Legrand Data Center Solution Advantage

Data Centers built to last are data centers that are **built for change**

- A Power Packed Portfolio
- An Integrated Solution
- User Centered Design
- Flexible Infrastructures
- Responsive Service

Where even the physical infrastructure layer including electrical, cable, power and remote management solutions are Integrated, Flexible Responsive & User Centered to support newer technologies and applications in the least possible time and with minimal additional investments.

**LEGRAND DATA CENTER  
INFRASTRUCTURE SOLUTIONS ARE  
DESIGNED FOR AGILITY.**

## A POWER PACKED PORTFOLIO

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

**90**

subsidiaries and offices

**38,000  
EMPLOYEES**

**€6 BILLION  
IN SALES**

across 180 countries in 2018

Trusted providers of power  
distribution units (PDU) solutions  
for over

**60,000  
DATA CENTER  
CUSTOMERS  
WORLD WIDE**

ranging from startups to  
fortune 100 powerhouses.



### ■ Headquarters

Legrand Group was founded in 1860 and is Headquartered in France.

### ■ India Presence

A market leader in the protection business for over 2 decades with a presence across 26 offices and 750 partners.

### ■ Product Lines

- Energy Distribution
- Cable Management
- Structured Cabling
- Lighting Management Systems
- Wiring Devices



### ■ Headquarters

Founded in 1984, headquartered in Reno, NV, USA

### ■ India Presence

Operating in India since 2012, Server Technology serves global requirements and has a strong presence in the government sector with a portfolio of intelligent PDUs

### ■ Product Lines

Leading provider of Rack Power Distribution Units and Power Management Softwares for critical infrastructures with a comprehensive range including -48VDC as well as basic power strips.

A global leader & award  
winning innovator,  
Raritan is the  
**PREFERRED  
CHOICE OF  
9 OF THE TOP 10  
FORTUNE 500  
TECHNOLOGY  
COMPANIES.**

## Raritan®

### ■ Headquarters

Founded in 1985 and headquartered in NJ, USA

### ■ India Presence

Operating in India since 2004, today Raritan is the market leader in the premium Intelligent PDU & KVM categories

### ■ Product Lines

- Intelligent Rack PDUs
- Transfer Switches
- Environmental Monitors
- Sensors
- Serial Consoles
- KVM-over-IP switches

## NUMERIC®

### ■ Headquarters

Founded in 1984, Headquartered in India.

### ■ India Presence

Robust India presence with over 1 mn installations, 255 company owned service centers & 900+ trained field technicians across the country.

### ■ Product Lines

Extensive range of 3-Phase, Single Phase And Line Interactive UPS's for data centers at every scale across the Numeric & Borri brands.

Numeric occupies the  
**4TH POSITION IN  
THE GLOBAL UPS  
MARKET**  
with  
successful installations spanning  
**12 COUNTRIES**

# AN INTEGRATED SOLUTION

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

1.



Transformer

2.



LV Enclosures

3.



Busbar Trunking

4.



Conventional UPS 60-4800 kVA

5.



Modular UPS 10 kVA-12.8 kVA

6.



Energy Management

7.



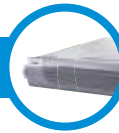
Wire Mesh Cable Tray







8.



Centralised Server and Access Control

9.



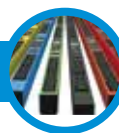
Structured Cabling

10.



Server Racks

11.



Intelligent PDUs and sensors

12.



KVM Over IP

13.



Micro Data Center\*

14.



DCIM\*

\* In collaboration with partner brands

## USER CENTERED DESIGN

Every product and brand in our portfolio is the result of **decades of experience** in data centers and **extensive research and development**. Giving you a range with **unique fail safe features** and **advanced functionalities** for the **fastest deployment, highest uptime** and **easiest serviceability**.

### “Adaptive” UPS Design

Numeric KEOR HP UPS are space optimized and designed for easy installation & maintenance. Optimized cooling enables positioning against the wall or side by side with other equipment. Full front access allows easy installation & fast maintenance. Parallel connections for different levels of redundancy



### “Hot Plug” and “Hot Swap” System

Server Technology Rack Power Distribution Units (PDUs) can be connected/ disconnected and replaced while energized ensuring optimum continuity of service under all circumstances.

### Tool-less Connectors

Legrand LCS3 copper connectors for a perfect connection from patch panels to workstations in seconds that are color coded for easy identification across Cat 5e, Cat 6, Cat 6A and Cat 8.





### Zero Touch Deployment & Secure Lock™

Easily configure 1000s of individual Raritan PX intelligent PDUs in seconds with Zero Touch Deployment. Eliminate the risk of IT equipment power cords vibrating loose or accidentally pulling out when you're working on a rack. Customize the color of your PDU's & power cords for easy identification across the entire power chain.

### SAFE-T-EDGE Cable Tray Technology

The patented T-joint cable system & special mechanical design of Cablofil® solutions allow cables to be carried & managed efficiently, cost effectively and easily scaled up.



### Java Free, Remote Management

Raritan KVM-over-IP solutions allow remote access and repair of servers any where in the world, over a secure IP connection saving time & costs for mission critical facilities, while maintaining the highest security protocols.

## FLEXIBLE INFRASTRUCTURES

Legrand Data Center Solutions are designed to give you the **maximum flexibility for growth**. Allowing you to **easily and cost effectively expand, modify or replace technology** & applications in the **least amount of time**. Our solutions are **modular, scalable and customizable**.

### Future Ready Cable Pathways

Cablofil® coordinated cable pathways can be fabricated on-site in minimum time and are future ready for expanding cabling requirements or changing configurations rapidly with drop-out features, rounded corners, tray intersection cross overs etc.



### Hot Scalable, Modular High Power UPS

Numeric UPSaver , hot scalable up to 2.67 MW in a single unit and power parallel scalable up to 21 MW. Very small footprint gives space for other equipment and overcomes room constraints like pillars, walls and other devices. Adapts to load requirements thanks to automatic power control . Operates at 4 modes delivering highest efficiency, reducing cooling needs.

## Micro Data Center Solutions

In collaboration with Stulz, an efficient and scalable all-in-one solution combining power supply & distribution, cooling, & housing. Can be deployed locally over 100s of distributed facilities with customization to meet specifications.



## High Density Outlet Technology (HDOT Cx)

Server technology IPDUs, has the most outlets in a 42 Intelligent Rack PDU. HDOT Cx is the only PDU on the market that combines industry standard C13 & C19, reducing the complexity of selection. Our 3 phase PDUs offer the highest density outlet technology, utilizing switched PDUs to control & monitor power through a network connection.

## RESPONSIVE SERVICE

Choosing the right solution to meet the unique specifications of your data center has never been easier. Our **unmatched range, customizable solutions** and team of **data center experts** are supported by **dedicated research & development teams** and **in house manufacturing**, ensuring we can meet even your most demanding requirements with speed.

Supporting you every step of the way



### Before Deployment of your Project

- Design assistance with tailored design studies
- Software
- Training
- Visits to reference sites
- Technical documents

### During Deployment of your Project

- Assistance with implementation and commissioning according to products
- Training for operators
- Training and certification for installers
- Specific support for major projects



### During Operation of your Project

- Diagnosis
- Invoicing
- Installation maintenance service
- Software updates
- Warranty extension
- Training for operators and/or service providers



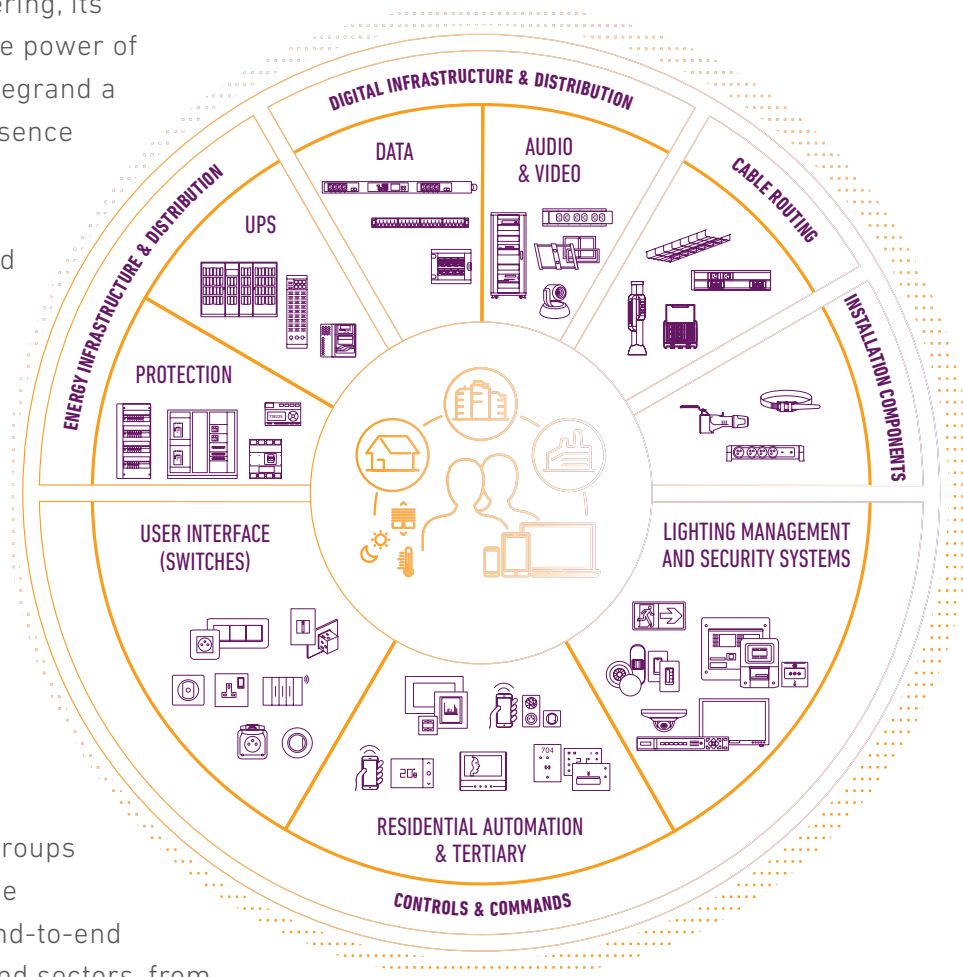
# The Legrand Group

## LEGRAND GLOBAL

LEGRAND is a global specialist in electrical & digital infrastructures, offering high value-added products & solutions for commercial, industrial, residential and data center facilities. Its technological expertise, its leading positions, the scope of its offering, its international presence and the power of its brands combine to make Legrand a global benchmark. With a presence in nearly 90 countries and a workforce of over 38,000 employees, Legrand generated total sales of close to €6 billion in 2018 across over 300,000 product references.

## LEGRAND INDIA

Legrand began its India operations over 2 decades ago and is the undisputed market leader in the protection business. Legrand India leverages the groups global knowledge to customize offerings locally; delivering end-to-end solutions across categories and sectors, from residential and commercial, to hospitality & industrial. Today, the company has over 1000 employees in 26 offices spread across the country, 3 manufacturing facilities, 10 training centers and an extensive network of 750 distribution partners and more than 11500 retailers. The size & scale of its India operations enables the company to penetrate new markets and segments quickly, generating economies of scale. Legrand India's data center offering has been rapidly growing, both organically and through acquisitions. Across the group portfolio Legrand Data Center Solutions powers the infrastructure for India's leading data center facilities across hyperscale, enterprise and micro data center segments.



# **Legrand Data Center Solutions**

**integrated, user centric, flexible & responsive  
infrastructures for data centers of all sizes.**



**DATA CENTER  
SOLUTIONS**  
Designed for Agility

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**<https://www.legrand.co.in/products/datacenters>**

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