NX1 SMART PDUs

REVAMPING RACK PDU DEPLOYMENTS

legrand®

NX1 SMART PDUs
Breaking new grounds, easily and securely!

A MODULAR AND INTELLIGENT PLATFORM

Designed for power and network security and digital excellence, NX1 Smart Ready and Smart Node PDUs are based on a DCIM Agnostic and Open API platform that enables you to fit current needs and expectations, while anticipating for maintenance as well as future scaling and upgrades.
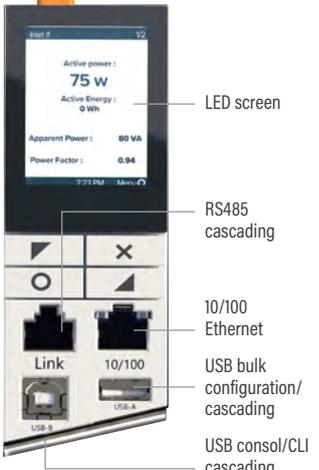
NX1 SMART READY PDU	**+**	NX1 PDU CONTROLLER MODULE	**=**	NX1 SMART NODE PDU

NX1 SMART READY PDU

- 6-pin to "NODE"
- Zigbee 2.4gHz chip embedded default "OFF"
- RS485 cascading
- Link-A Link-B
- Alert-matching LED status indicator
- Aux. pairing button

- **Field replaceable**
- **Including RS485 industrial BUS for linking up to 32 units (data pushed to a lead Smart Node unit with RJ45 cable)**
- **Including RF chip for Zigbee and green power wireless applications**

NX1 PDU CONTROLLER MODULE

Active power:
75 w
Active Energy: 0 Wh
Apparent Power: 80 VA
Power Factor: 0.94

- LED screen
- RS485 cascading
- 10/100 Ethernet
- USB bulk configuration/ cascading
- USB consol/CLI cascading

Link   10/100   USB-B   USB-A

- **Full IP controller**
- **Cybersecurity tested**
- **Fully hot-swappable to allow maintenance or replacement without powering down connected equipment**
- **NODE IP cascading through USB up to 16 units (full data management)**

NX1 SMART NODE PDU

Equip your NX1 Smart Ready PDU with a NX1 PDU controller module to create a NX1 Node PDU, for extra connectivity!

ZIGBEE WIRELESS CONNECTIVITY

Highly secure and power-saving radio frequency technology

- Sensor direct pairing
- Empowering future wireless mesh network deployment
- Providing the highest level of security:
- encryption and message integrity with application key exchange
- protection against most challenging internet concerns including Distributed Denial-of-Service attacks (DDoS)

The NX1 Smart PDUs are available in **metered, metered HD** (High Density) and **switched** versions. Each power configuration can be acquired with any of the versions!

4 DIFFERENCE-MAKING ASSETS

FLEXIBILITY

3 types of installation: traditional, daisy-chain and wireless

INNOVATION

Optimized and reliable implementation

SECURITY

Delivering utmost protection

PERFORMANCE

Ensuring high efficiency at all levels

INTRODUCING POD MASTER

Create a fully secured wireless network of PDUs and environmental sensors, with easy, fast, and safe deployment, monitoring, and control.
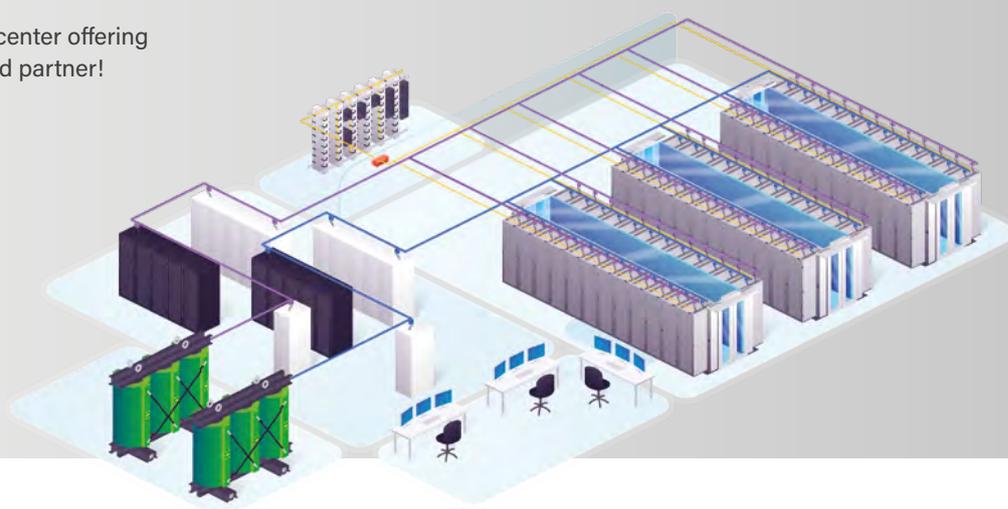
Legrand Pod Master empowers all stakeholders!
From electrical engineers to data center managers and clients, everyone benefits from bringing this game-changing solution into the data center ecosystem

Discover our global data center offering as a skilled and committed partner!

NX1 SMART PDUs
One platform, multiple possibilities

NX1 METERED PDUs
FOR CONSUMPTION MONITORING

As they incorporate **input metering,** the NX1 metered PDUs:

- allow for **accurate measurement** of the unit's energy consumption
- make it **easy to understand power and to manage your data center growth**

> **Easier data collection in the cabinet**
> - No need for technical teams to take on-site measurements
> - Easy access to equipment energy consumption
>
> **Unit power overview**
> - Gives an overview of rack power capacity and energy use
> - Clearly shows remaining capacity in the cabinet
> - Provides insight regarding decisions about future growth

METERED PDUs

NX1 SWITCHED PDUs
FOR EASIER POWER MANAGEMENT

Because they integrate **input metering and output level switching,** the NX1 switched PDUs:
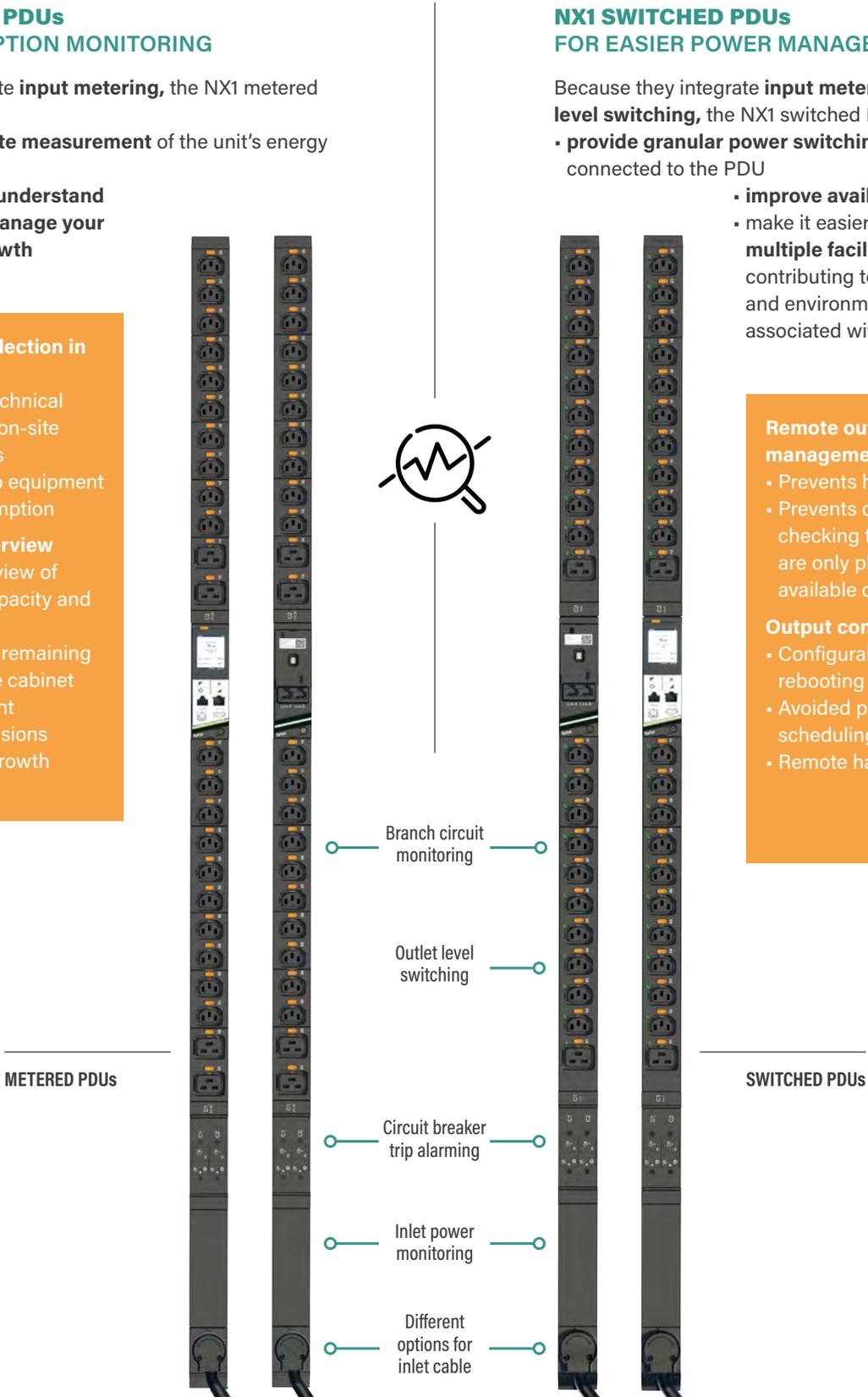
- **provide granular power switching** of each device connected to the PDU
- **improve availability**
- make it easier to **manage multiple facilities remotely**, contributing to avoid financial and environmental costs associated with travel to sites

> **Remote outlet management**
> - Prevents human errors
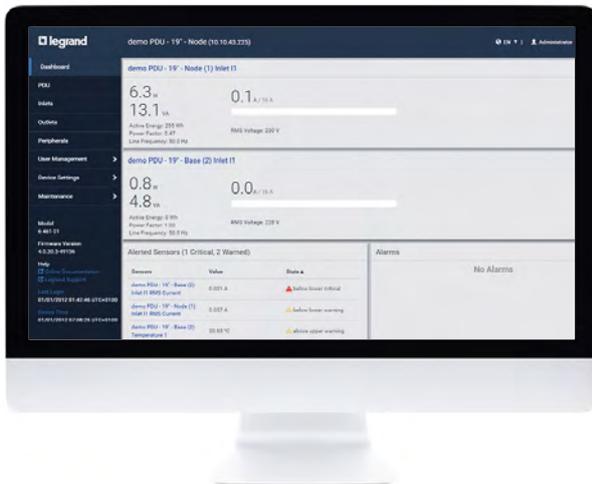> - Prevents overloads by checking that devices are only plugged in on available circuits
>
> **Output control**
> - Configurable outlet rebooting schedule
> - Avoided power waste by scheduling power loads
> - Remote hard-reboot

SWITCHED PDUs

Branch circuit monitoring

Outlet level switching

Circuit breaker trip alarming

Inlet power monitoring

Different options for inlet cable
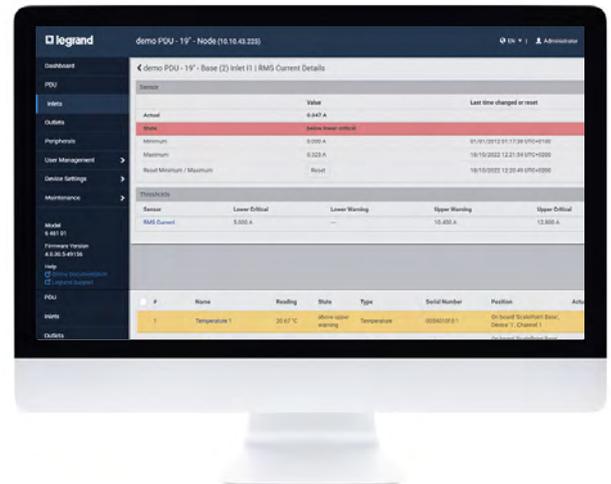
YOUR SITUATION AT A GLANCE

User-friendly and responsive Web User Interface
- Metering, outlet control and peripherals data at glance
- Easy to configure
- No-fuss peripheral commissioning
- Dynamic HTML to support multi devices

Configurable alerts
- See alerts on the Web User Interface and set up alert sending (e.g. emails)
- 4 thresholds per parameter:
- measurement: above or below
- priority: high or low

Alerts on the PDU for field technicians

| Normal operation | Warning threshold exceeded | Critical threshold exceeded |

NX1 SMART PDUs
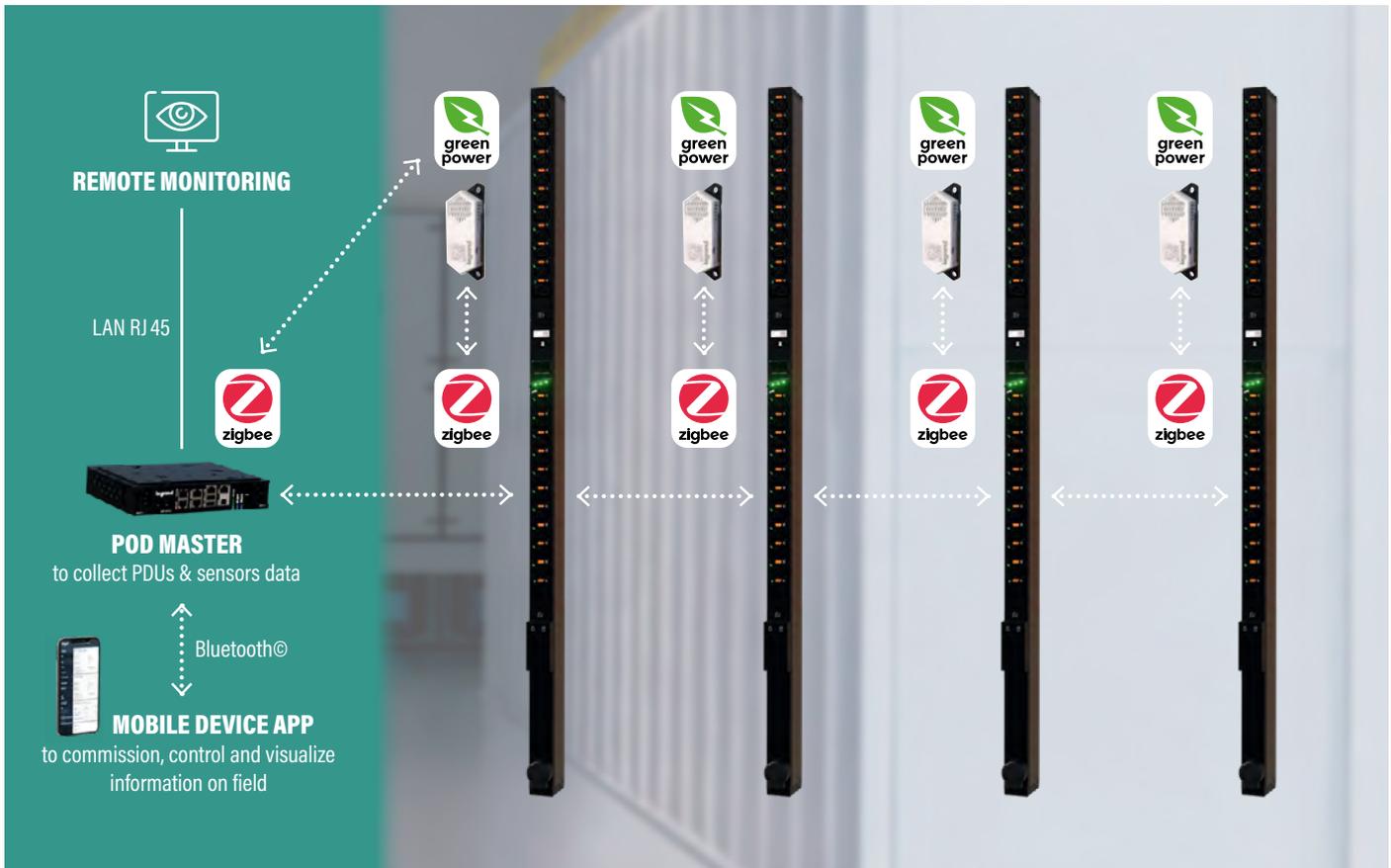## Flexibility: 3 types of installation

WIRELESS INSTALLATION

Install Smart Ready PDUs and create a wireless network with Pod Master and sensors using Zigbee 3.0.

Install a Pod Master and wireless environmental sensors (1 sensor per Smart Ready PDU)

GOOD TO KNOW
- In large data rooms, you can connect up to 12 Pod Masters in a loop: this reduces the number of switch ports required and secures your monitoring with LAN access at both ends
- In the event of restrictions on the use of radio technology, you can pair up to 32 PDUs downstream to a Pod Master in wired mode (RS485)

REMOTE MONITORING

LAN RJ 45

POD MASTER
to collect PDUs & sensors data

Bluetooth©

MOBILE DEVICE APP
to commission, control and visualize information on field

green power

zigbee

Skip the network cabling step as PDUs and sensors connect wirelessly, eliminating all dedicated management network cables

Quickly and easily add or move PDUs and sensors as no wiring is needed

Reduce your CapEx and OpEx by cutting down the amount of cabling and controllers needed, and benefiting from a faster installation with fewer errors

Install sensors wherever needed, without routing cables, to improve environmental monitoring accuracy and simplify layout optimization

Create different "management zones" depending on your operational structure

DAISY-CHAIN INSTALLATION

Install Smart Ready PDUs and equip one with a controller: all units' data will be aggregated into the Smart Node PDU's user interface.

Only equip the first PDU with a controller

Daisy-chain up to 31 Smart Ready PDUs

CapEx

Reduce your CapEx by cutting down the number of controllers needed

OpEx

Reduce your OpEx by diminishing your running costs (fewer Ethernet switch ports)

Save costs and improve margin by reducing SKU count and upselling access to smart features

Easily upgrade Smart Ready to Smart Node PDUs upon request thanks to our modular design

Save energy and limit carbon footprint as less Smart Nodes are needed

TRADITIONAL INSTALLATION

Install Smart Node PDUs and manage them individually.

Equip each Smart Ready PDU with a controller

Benefit from full intelligence as each PDU is fully manageable on its own, without depending on a daisy chain or any other device

Manage your installation precisely thanks to the PDUs' independent IP address, allowing different departments to manage only the PDUs relevant to them

Reduce the risk of human error associated with daisy-chain failures as each PDU has its own uplink, ensuring that an error on one unit does not affect the others

Ensure easier MACs (Moves, Adds, Changes) thanks to easier adjusting and replacing of each PDU

Opt for the most familiar and common deployment method, already used by many operators

NX1 SMART PDUs
Innovation: optimized and reliable implementation

FACILITATING DEPLOYMENT AND MAINTENANCE

Based on your specific needs, you can opt **for Smart Node-only or Smart Ready + Smart Node configurations.**
The NX1 PDUs from Raritan, a brand of Legrand, allow various deployment methods to accommodate different
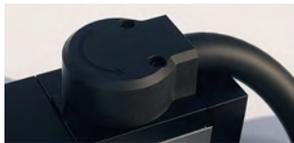data center environments and constraints.
To optimize your IT deployments, the most innovative method is the RS485 cascading. Have one IP address
for the daisy chain with a "port forwarding" method or one IP address for each PDU with a "bridging" method.

Only the Smart Node PDU is connected to your network.
The controller aggregates all Smart Ready units' data into its user interface: thresholds and alerts are configured directly in the Smart Node unit.

Daisy-chain up to 31 Smart Ready PDUs downstream to a Smart Node PDU with RJ45 patch cables (RS 485 link).

PRACTICAL FEATURES

330° ROTATING INPUT CORD

It reduces tension on input, and facilitates cable orientation and rack integration.

HOT-SWAPPABLE CONTROLLER

The metering controller can be removed and replaced without turning down the PDU.

HIGH-DENSITY OUTLET MODULES

Providing more compact form factors and better airflow in the rack.

REDUCING HUMAN ERROR

CORD LOCKING SYSTEM

- For absolute safety, our autolocking outlets provide 100 Newton retention force
- No risk of accidental disconnection due to human error or vibration
- Compatible with all standard C14 and C20 plugs: no need for specific cords

NUMBERED OUTLETS

- Individual circuits and power outlets numbered from the input
- Facilitated power cord dressing

PDU COLOR-CODING

- Color-coded circuits and chassis are available on demand when extra identification is needed

POWER CORDS WITH SERVER SIDE LOCKING

- Unique rotary locking mechanisms on C13 and C19 fitting any C14 and C20 server inlets
- Already secured on the Legrand PDU side thanks to the standard cord locking system

NX1 SMART PDUs
Security: delivering utmost protection

The platform used for the NX1 PDUs is a combination of hardware and software technologies benefiting from Raritan's long experience and delivering unparalleled security.

INTELLIGENT PDU FIRMWARE MANAGEMENT & CYBER SECURITY MANDATE

The platform helps to maximize data center efficiency by delivering security, advanced alerting, intelligence, and visibility into your power chain.

- **Best-in-class in cybersecurity**
- **Tested internally and by third party** according to stringent compliance audit

UNIFYING SYSTEM FOR MORE INTELLIGENCE

The platform provides complete visibility to your power chain, making it easier to connect, configure, and manage your data center.

- **Firmware designed and maintained in-house** for complete control
- **Interoperable, open architecture** for quickly future proofing application development

BUILD A FUTURE-PROOF INFRASTRUCTURE

The platform brings reliability to the forefront by focusing on continuous uptime for your data center with battletested hardware and firmware with billions of hours of runtime.

- **Continuous firmware development** to enrich your existing hardware deployment
- **Field-based innovation** from customer feedback to deliver relevant applications and support your business growth with a future-proof solution

DELIVERING UNPARALLELED SECURITY

The platform delivers improved security across your data facility with the latest network security protocols, best in-class data encryption, strong password policies, and login protection.

- Deploy a power infrastructure that **matches your enterprise network and IT security requirements**
- **Ensure secured and encrypted communications**
- **Control user access and safeguard** against errors and malicious intents

256-bit AES encryption	SSH (secure shell)	SSL to TLS 1.3	HTTPS

SIMPLIFYING YOUR PATH TO DCIM

The platform is built on a developer friendly platform which allows for easy automation and seamless transfer of infrastructure insights and alerts directly to BMS and DCIM software.

- **Seamlessly discover, import, manage, and control your NX1 devices** in Energy Management Software
- **Develop more automation and efficient alerting** to help improve data center operations

REDFISH	SNMP and SNMP TRAPS	IPV6/IPV4 support	JSON-RPC MODBUS TCP

NX1 SMART PDUs
Performance: ensuring high efficiency at all levels

The NX1 PDUs have been designed to meet the daily challenges encountered in data centers to improve uptime, to provide accurate monitoring and to ensure reliability.

IMPROVING UPTIME

60°C rating aluminum chassis

The compact aluminum chassis withstands high ambient temperatures.

Hydraulic magnetic circuit protection

The NX1 platform offers hydraulic magnetic miniature circuit breakers with high ambient temperature tolerance for tripping, and high interruption capacity.

PROVIDING ACCURATE MONITORING

Preventing outages in your data center starts with ensuring access to accurate monitoring data.

The NX1 Smart Ready PDUs have **±1% measurement accuracy** with all types of loads, in real time. You can rely on your PDUs supplying the required information as and when needed.

Thanks to the NX1 Smart Ready PDUs, you can monitor your power data with accurate metering and thus have reliable inputs for decision.

ENSURING RELIABILITY

Increasing MTBF (Mean Time Between Failures) is a major stake for data center operators. Hence, the NX1 Smart Node PDUs undergo **stringent third-party testing and ISO certification** under a CB scheme.

In the manufacturing process, each PDU is individually tested in order to ensure the highest degree of assembly quality and electrical safety, and the longest operating times within harsh environments.

INTRODUCING POD MASTER
Smart Wireless Monitoring

Create a fully secure wireless network of PDUs and environmental sensors with Legrand's Pod Master, for easy, fast, and safe deployment, monitoring, and control of your installation. The Pod Master empowers all stakeholders: from electrical engineers to data center managers and clients, everyone benefits from bringing this game-changing solution into the data center ecosystem.

FAST DEPLOYMENT

- **No cable routing required**: no need to run cables through cabinets to connect PDUs and sensors.
- **A mobile app to simplify commissioning**: the PodView application makes the commissioning of your installation easy. Just follow the app!
- **Versatile mounting possibilities**: set up your Pod Master where it suits you best. Inside the cabinet thanks to two magnets for tool- and accessory-free integration in cabinet, or with an 19" 1U panel- On top of the pod with accessories for cable trays (Cablofil wiremesh or P31).

RESOURCE-EFFICIENT

- **No more display**
  With real-time data accessible directly on your mobile device, there's no longer a need for integrated screens on PDUs — a smart choice for both efficiency and the environment.
- **No more patch cords**
  Products communicate with each other by radio. Cords are no longer necessary.

green power

REAL-TIME MONITORING AND CONTROL

- **With a mobile application**
  The PodView application on your mobile gives you on-the-spot access on a responsive interface.
- **Using the webUI**
  Monitor and supervise your installation from the comfort of your office.
- **DCIM agnostic and API platform**
  Connect Pod Master seamlessly with the aggregation and analysis tools of your choice.

Bluetooth™

SECURE

- **Mesh network**
  Zigbee 3.0 uses a mesh network topology, which allows devices to relay signals to one another. This enhances network reliability and scalability, making it suitable for large-scale deployments.
- **Zigbee 3.0 Secure communication**
  Zigbee 3.0 offers advanced security features, including encryption and secure authentication, which protect data integrity and prevent unauthorized access.
- **Cyber-secure**
  Best-in-class in cybersecurity, it has been tested internally and by a third party in accordance with a stringent compliance audits.
- **Dual AC and POE power supply to prevent power loss**
  Pod Master supports redundant power with two C14 inlets and two POE+ Ethernet ports. You can connect only one or up to four of them to proper power sources.

zigbee

FIND OUT MORE

Zigbee 3.0 and our intelligent power management platform combine cybersecurity, energy efficiency, and scalable connectivity to meet the evolving needs of modern data centers. To explore how these technologies can future-proof your infrastructure, visit our website **www.legrand.com/datacenter**

FIND MORE INFORMATION IN
THE POD MASTER BROCHURE!

ACCESSORIES
Providing visibility on your rack conditions

The NX1 Smart PDU has been designed to provide you with the best experience, from installation to effective data measuring and management.

WIRELESS SENSORS TO MONITOR ENVIRONMENTAL RISKS

Our wireless sensors are easy to fix in your racks, collecting data on environmental risk factors that have an impact on uptime, performance, and cost.

TEMPERATURE & HUMIDITY WIRELESS SENSOR

Monitors rack airflow delivery to optimize cooling infrastructure, prevent equipment damage and reduce energy cost.

CONTACT CLOSURE WIRELESS SENSOR

Manages door and/or side panel contact, and alerts in case of door opening/closing or side panels being removed. Tracks work orders to identify human error.

MAIN FEATURES

PROTECTION

Protection against environmental risks and human error

DETECTION

Easy detection of hot spots and risky environmental conditions

DURABILITY

5-year minimum battery life on all sensors with replaceable batteries

RELIABILITY

Secure and reliable installation

ACCURACY

Protection against environmental risks and human error

COST EFFECTIVENESS

Reduction of cooling costs and optimization of rack airflow delivery

SIMPLICITY

Easy wire-free deployment and maintenance, with various fixing methods possible

SUSTAINABILITY

Energy-friendly radio communication powered by Zigbee Green power Technology

MAIN BENEFITS

- Wire-free deployment = ease and cost savings
- Wire-free deployment = reducing cables
- Reduce sensor deployment time and maintenance
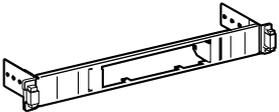- Easily move sensors from rack to rack

**Pair up to 8 sensors per PDU.
The Zigbee technology is natively embedded.**

N

6 461 31

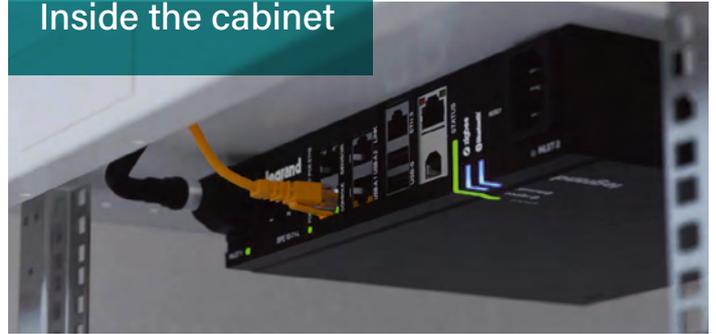| Pack	Cat.Nos	
		Pod Master

To monitor and control power, environmental data and door access in a data center white room, at cabinet or pod level
Collect information and control the following products:
- up to 60 Base (Smart-Ready) PDUs
- up to 240 wireless sensors (Cat.No 6 460 03 for temperature and humidity ; Cat.No 6 460 04 for contact closure)
- Raritan wired sensors and actuators (e.g. door access Smart Lock Controller, sensors for motion/vibration/leakage/Temp./Hum./etc.)
Embedded Web User Interface
DCIM agnostic and open API platform
PodView application for mobile devices to make on-field commissioning and monitoring easy
Connectivity:
- 2 x RJ45 Ethernet 10M/100M/1000M ports ; 2 x Single Pair Ethernet ports ; Zigbee 3.0 ; Bluetooth
Additional ports:
- 1 x RJ45 Sensor port ; 1 x RJ45 Console port ; 1 x RJ45 Link port ; 1 x RJ45 Ethernet 10M/100M ; 2 x USB-A ; 1 x USB-B
Dual AC and POE power supply:
- 2 x IEC C14 inlets ; 2 x POE+ Ethernet ports
Versatile mounting possibilities:
- Pod Master embed two magnets for tool- and accessory-free integration in metal cabinets
- Accessories for 19" uprights, overhead cable trays and wall mounting to order separately
High ambient temperature rating: 60°C

| 1 | 6 461 31 | Pod Master |

Mounting accessories

For 19-inch cabinets
19-inch 1U panel for Pod Master in-rack mounting
In-depth adjustment.Side cable grommet with brushes
Equipped with Quick-Fix for automatic (screwless) mounting on cabinet uprights. Black

| 1 | 6 461 35 | 19-inch 1U panel |

For overhead cable trays

| 1 | 0 919 38 | Cablofil adaptor |

Interface for quick fixing of Pod Master on Cablofil wiremesh cable trays
Direct clipping on Pod Master and on wiremesh trays without screws and tools
Compatible with wiremesh trays heights 30, 54 and 105 mm

| 1 | 0 919 48 | P31 adaptor |

Lateral interface for quick fixing of Pod Master on P31 cable trays
Direct clipping on Pod Master and on lateral P31 holes without screws and tools
Compatible with P31 cable trays in heights 50 and 100 mm

Universal brackets
Metal sheet brackets for multi-purpose
Allows the Pod Master to be mounted on a variety of supports (wall, ceiling, cable trays etc.) with screws or cable ties

| 1 | 6 461 38 | Set of 2 universal brackets |

POD MASTER
Versatile mounting possibilities

The Pod Master has been designed to integrate according to your wishes.

Inside the cabinet

Pod Master embeds **two magnets for tool- and accessory-free integration** in metal cabinets.
It fits perfectly into the roof space of a Nexpand cabinet without taking up 19″ space.

19" 1U panel
adjustable in depth, with side cable grommet and Quick-Fix

On top of the pod

Thanks to ingenious interfaces, the Pod Master can be easily and safely installed on Legrand cable trays.

Cablofil adaptor
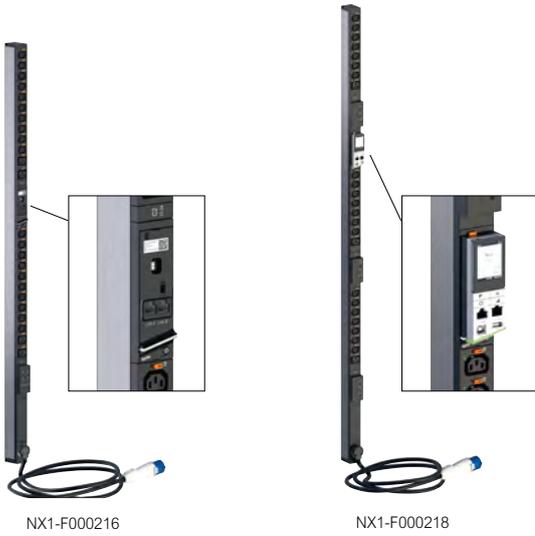Quick fixing of plastic interface by quarter turn clipping

P31 adaptor
Quick fixing of plastic interface by clipping inside lateral holes of P31 cable trays

Power Distribution Units (PDU)

Inlet Metered and Switched PDUs

NX1-F000216

NX1-F000218

NX1-BASE

NX1-NODE

Intel metered PDUs

Pack	Cat.Nos	
		Metered Smart Node 0U PDU - 16A
1	NX1-F000220	High Density Outlets Three Phase, 36 C13 + 6 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
1	NX1-F001074	One Phase, 20 C13 + 4 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
		Metered Smart Node 1U PDU - 16A
1	NX1-M1100	One Phase 8 C13 locking outlets, C20 inlet (accepts ref. 646905 and 646906)
1	NX1-M1101	One Phase 5 C13 + 2 C19 locking outlets, C20 inlet (accepts ref. 646905 and 646906)
		Metered Smart Ready 0U PDU - 16A
1	NX1-F000219	High Density Outlets Three Phase, 36 C13 + 6 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
1	NX1-F001071	One Phase, 20 C13 + 4 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
		Metered Smart Node 0U PDU - 32A
1	NX1-F000222	High Density Outlets Three Phase, 24 C13 + 12 C19 locking outlets 3 m power supply cord with IEC 60309 32 A plug
1	NX1-F000226	High Density Outlets Three Phase, 36 C13 + 6 C19 locking outlets 3m power supply cord with IEC 60309 32A plug
1	NX1-F000216	High Density Outlets One Phase, 24 C13 + 12 C19 locking outlets 3m power supply cord with IEC 60309 32A plug
1	NX1-F000218	High Density Outlets One Phase, 36 C13 + 6 C19 locking outlets 3m power supply cord with IEC 60309 32A plug
		Metered Smart Ready 0U PDU - 32A
1	NX1-F000221	High Density Outlets Three Phase, 24 C13 + 12 C19 locking outlets 3m power supply cord with IEC 60309 32A plug
1	NX1-F000225	High Density Outlets Three Phase, 36 C13 + 6 C19 locking outlets 3m power supply cord with IEC 60309 32A plug
1	NX1-F000215	High Density Outlets One Phase, 24 C13 + 12 C19 locking outlets 3m power supply cord with IEC 60309 32A plug
1	NX1-F000217	High Density Outlets One Phase, 36 C13 + 6 C19 locking outlets 3m power supply cord with IEC 60309 32A plug

Switched PDUs

Pack	Cat.Nos	
		Switched Smart Node 0U PDU - 16A
1	NX1-F001065	Three Phase 24 C13 + 12 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
1	NX1-F001072	One Phase 20 C13 + 4 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
		Switched Smart Node 1U PDU - 16A
1	NX1-S1100	One Phase 8 C13 locking outlets, C20 inlet (accepts ref. 646905 and 646906)
1	NX1-S1101	One Phase 5 C13 + 2 C19 locking outlets, C20 inlet (accepts ref. 646905 and 646906)
		Switched Smart Ready 0U PDU - 16A
1	NX1-F001066	Three Phase 24 C13 + 12 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
1	NX1-F001073	One Phase 20 C13 + 4 C19 locking outlets 3 m power supply cord with IEC 60309 16A plug
		Switched Smart Node 0U PDU - 32A
1	NX1-F000423	Three Phase 24 C13 + 12 C19 locking outlets, 3 meters cord and IEC 60309 plug
1	NX1-F001067	One Phase 24 C13 + 12 C19 locking outlets, 3 meters cord and IEC 60309 plug
		Switched Smart Ready 0U PDU - 32A
1	NX1-F000422	Three Phase 24 C13 + 12 C19 locking outlets 3 m power supply cord with IEC 60309 32A plug
1	NX1-F001068	One Phase 24 C13 + 12 C19 locking outlets 3 m power supply cord with IEC 60309 32A plug

Accessories

	646003	Wireless temperature and humidity sensor
	646004	Wireless contact closure sensor
	646906	Power cable C19 to IEC60309 16A - 3 m

 Configure To Order (CTO): Need another configuration and/or functions ? Legrand is organized to configure PDUs as per your request. Please contact your sales representative

Power Distribution Units (PDU)

power cords and PDUs accessories

6 441 01

6 442 07

Pack	Cat.Nos	**Power cords C14 to C13 plugs**
		Server side locking Unique rotary mechanism on C13 plug that fits any standard C14 inlet Set of 10
		Black
1	6 441 00	Length 0.5 m
1	6 441 01	Length 1 m
1	6 441 02	Length 1.5 m
1	6 441 03	Length 2 m
		Red
1	6 441 06	Length 0.5 m
1	6 441 07	Length 1 m
1	6 441 08	Length 1.5 m
1	6 441 09	Length 2 m
		Blue
1	6 441 12	Length 0.5 m
1	6 441 13	Length 1 m
1	6 441 14	Length 1.5 m
1	6 441 15	Length 2 m

Pack	Cat.Nos	**Power cords C20 to C19 plugs**
		Server side locking Unique rotary mechanism on C19 plug that fits any standard C20 inlet Set of 10
		Black
1	6 442 01	Length 1 m
1	6 442 02	Length 1,5 m
1	6 442 03	Length 2 m
		Red
1	6 442 07	Length 1 m
1	6 442 08	Length 1,5 m
1	6 442 09	Length 2 m
		Blue
1	6 442 13	Length 1 m
1	6 442 14	Length 1,5 m
1	6 442 15	Length 2 m

Pack	Cat.Nos	**Accessories for all PDUs**
		Power cables Cable IEC 60320 C19 to IEC 60309 16A 2P+E plug Rotary locking mechanism on C19 plug that fits any standard C20 inlet to avoid accidental disconnection
1	6 469 05	Length 1.5 m
1	6 469 06	Length 3 m
		Brackets
1	9 812 27	1 set of Zero-U PDU mounting bracket for Nexpand rack
1	9 812 28	10 sets of Zero-U PDU mounting bracket for Nexpand rack
		Locking caps To block the use of an outlet. A key is necessary to remove the cap and free the access Light grey RAL 7035
6	6 468 94	Set of 6 locking caps for C13 outlet + 1 key
6	6 468 95	Set of 6 locking caps for C19 outlet + 1 key

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Sensors

wireless and wired sensors

6 460 03   6 460 04

Pack	Cat.Nos	
		Wireless sensors
		For cabinet environmental monitoring
Easy wire-free deployment and maintenance
Wireless communication with Pod Master and PDUs (2.4 GHz Zigbee Green Power)
Ultra long battery life (5+ years replaceable battery)
Different fixing solutions for sensors: with double sided tape, with cable ties, with a swing nut (supplied with the sensors) or with accessory Cat.No 6 460 06 for a more stylish installation
1	6 460 03	Temperature & Humidity wireless sensor
Monitors cool air entering and/or hot air being expelled, and optimizes your cooling infrastructure
1	6 460 04	Contact closure wireless sensor
To be installed inside the rack to manage door contact sensors and alert in case of door opening/closing
		Wired sensors - SmartLock
		Compatible with the Pod Master
For more details and/or choice, please ask your sales contact
1	DX2-WSF-35-KIT	Floor water sensor with fixed 3.5m cable
1	DX2-WSC-100-KIT	Rope water sensor with fixed 10.0m cable, detects presence of water and also determine the position of the leak on the rope
1	DX2-VBR	Vibration sensor
1	DX2-PIR	1 x infrared motion detector + 1 x occupancy (proximity) sensor + 1 x tamper detector
Detects motion around a cabinet or specific location
1	DX2-AF1	Air flow sensor (Numeric sensor with RJ45 connector, designed to monitor presence of cooling air)
1	DX2-DH2C2	Intelligent Door Sensor - Two active dry contacts powered by 12V to support 3rd party door locks
Allows you to seamlessly connect, power operate, and manage major 3rd party electronic handles

Simplify management and ordering with bulk packaging

A packaging containing 4 PDUs to facilitate and lighten the management of products, but also to reduce the environmental impact.

> Unpack and deploy PDUs faster
> Save time and money for waste treatment
> Contribute to reducing carbon emisson

Available as catalogue reference for a selection of the most popular items. All other configurations can be also delivered in bulk packaging (ask for a Configured To Order quote)
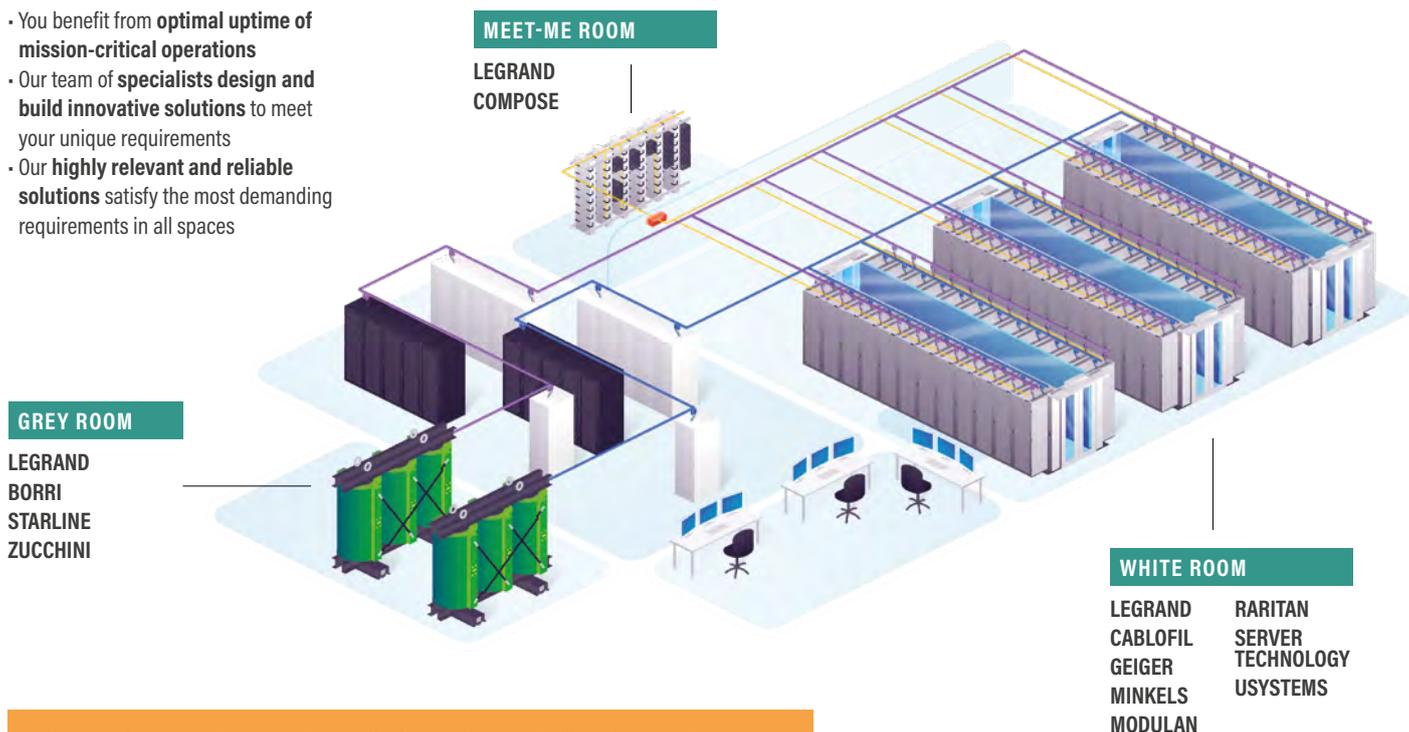
![Legrand logo]

THE LEGRAND GROUP
A skilled and committed data center partner

INFRASTRUCTURES POWERED BY EXPERTS

Trust Legrand to empower your data center infrastructure: its extensive know-how, award-winning solutions, specialist brands and expert teams make the Group a partner of choice.

- You benefit from **optimal uptime of mission-critical operations**
- Our team of **specialists design and build innovative solutions** to meet your unique requirements
- Our **highly relevant and reliable solutions** satisfy the most demanding requirements in all spaces

MEET-ME ROOM

LEGRAND
COMPOSE

GREY ROOM

LEGRAND
BORRI
STARLINE
ZUCCHINI

WHITE ROOM

LEGRAND	RARITAN
CABLOFIL	SERVER
GEIGER	TECHNOLOGY
MINKELS	USYSTEMS
MODULAN	

We provide you with consistent high-quality and effective service operations through **local and central expert teams who work together to deliver you the same level quality wherever you are.**

A STRONG COMMITMENT TO SUSTAINABLE DATA CENTERS

Sustainability has been everybody's challenge for years.

#LegrandImprovingLives means creating a more sustainable world for everybody. It is the Group's ambition to actively **contribute to the development of a low-carbon society**, in keeping with the RoHS directive (2015/863/UE) and the LEED Green Building Rating System.

In line with its CSR guidelines, not only does Legrand work on **reducing its carbon footprint** to fight climate change, but it gives priority to the **development of a circular economy approach**, limiting the quantity of materials used and promoting the reuse of materials. In connection with professional associations BICSI and The Green Grid, it aims to set the standard for **energy-efficient design.**

Every day, Legrand Group takes more steps on the path to green data centers.
As a proof of our circular economy approach, we provide customers with certified environmental declarations (Product Environmental Profiles - PEP), available on demand.

← **READ MORE ABOUT THE LEGRAND GROUP'S CSR STRATEGY ONLINE**

We Go Further.

Managing a data center is **complex**. It requires careful consideration of a range of factors to ensure **performance**, **reliability**, **scalability**, and **sustainability**.

To help you **navigate these challenges**, we offer tailored **grey and white space** solutions at scale to meet individual needs through our **specialist brands** that include **Minkels**, **Raritan**, **Server Technology**, **Starline**, and **USystems**.

Our approach combines **technical expertise** with a deep commitment to **sustainability**, helping you **optimize data center performance** while reducing environmental impact. We build enduring partnerships with our clients grounded in **trust**, **collaboration**, and **shared aspirations**. Whether **improving reliability** or **increasing efficiency**, we work to ensure that every detail is correct.

With our support, you can approach the **future with confidence**, knowing that your data center is ready for what's next.

#Legrand**ImprovingLives**

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DATA CENTER
SOLUTIONS

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