Solutions for Federal Data Center Applications

U.S. LEADERS IN INTELLIGENT RACK POWER DISTRIBUTION, KVM, AND SERIAL ACCESS SOLUTIONS

L1 legrand®

designed to be better.™

A comprehensive product set

Tailored to your unique needs

About Legrand

We transform the spaces where people live and work through innovative products and solutions that deliver and manage power, light, and data. We do this by relentlessly pursuing both sustainable business practices and the creation of exceptional experiences through the products we design and manufacture, the relationships we build, and the way we work.

WE ARE GLOBAL

- Facilities in over 90 countries
- Products sold in nearly 180 countries
- Over 39,000+ employees worldwide
- $7B publicly traded company (LGRVF)

U.S. LEADERS IN POWER, ACCESS, & CONTROL SOLUTIONS

Legrand's Raritan and Server Technology brands are headquartered in the United States and lead the global market in manufacturing intelligent rack power distribution units. We are focused on delivering exceptionally reliable rack power distribution, rack management, KVM switches, and serial console servers in mission-critical public and private sector data centers. Based in the United States and supported by a global supply chain, we manufacture best-in-class TAA compliant solutions that solve our customers' critical power, access, security, monitoring, and management concerns. Our products are built for the most demanding global applications ranging from small field installations to large hyperscale data centers.

Why work with Legrand?

Our dedicated Federal Sales and Engineering Teams make it easier to support your requirements and are backed by an organization with:

- Experience and proven track record in supporting all facets of the federal government with product specification, procurement, and delivery which makes the buying process easier for our customers.
- The largest dedicated engineering and development team devoted to intelligent PDUs, KVM-over-IP switches, and serial console servers in the industry
- The ability to design future-focused, flexible, and customized solutions that support efficiency and resiliency.
- More than 60 years of combined engineering and manufacturing experience.
- A supply chain able to easily support domestic and international deployments.

Raritan and Server Technology solutions are designed to meet the demands of many federal applications, including:

- Federal IT Infrastructure Management
- Data Centers
- Server Rooms - Onsite or Remote MDF/IDF
- Secure Desktop Switching Command and Control Centers
- Military Defense Systems
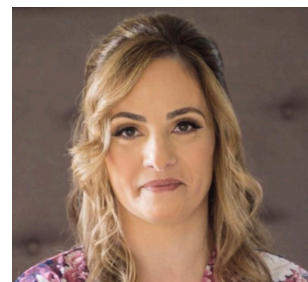- Aerospace and Aviation
- Telecommunications

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WE MEET IMPORTANT GOVERNMENT REQUIREMENTS

Legrand has a proven track record of supporting government customers in state and local government as well as numerous defense contractors, federal agencies, intelligence agencies, and the armed forces. From specification through procurement, we work with people and processes to ensure the support and integrity of any agency's mission. In addition, we have an acute understanding of specifying products that meet complex certification and compliance standards as well as acceptance in various federal procurement contracts.

CERTIFICATION & COMPLIANCE STANDARDS

KVM Certification and Compliance Standards:
- FIPS 140-2 Encryption Module
- NIAP Version 4.0 Protection Profile

KVM and Power Distribution Unit Certification and Compliance Standards:
- TAA compliant
- IPv6 compliant
- Safety Certified to the UL/EC 62368 Standard
- Agency certifications include UL, cUL/CSA, CB, CE, FCC-A or B, ICES

Want more information regarding our solutions or contracts we support? Visit our federal solutions pages to learn more:
Raritan Federal Solutions or
Server Technology Federal Solutions

Federal Procurement Contracts Supported Via Our Channel Partners:

- DHS First Source II
- DOJ BPA
- DOJ ITSSS
- DOJ ITSSS-4
- FBI PITO
- GSA
- GSA: GS-35F-0602Y
- ITES-SW2
- ITES-2H ITES 2S
- NASA SEWP V
- NIH ECS III/ CIO-SP3/NITAAC
- NETCENTS
- MAC (SPAWAR)
- SPAWAR-MAC-COMMS
- SPAWAR-MAC-ISR
- US Army CTS
- US Communities
- VA-CEC

If you don't see a contract that meets your procurement requirements, be sure to reach out to one of our Federal Experts directly or via our solutions pages linked on the left. We have an extensive partner network that will likely be able to support your unique requirements.

Supporting the Data Center Optimization Initiative (DCOI)

WHAT IS THE DATA CENTER OPTIMIZATION INITIATIVE?

Legrand's data center power, access, and control solutions are designed to meet the strict requirements needed to consolidate and modernize Federal Government IT infrastructure by optimizing space, power, and cooling at the rack to increase efficiency and resiliency by:

DELIVERING UNSURPASSED DENSITY AND FLEXIBILITY:

- High Density Outlet Technology (HDOT) delivers the most outlets in a 42U intelligent PDU to support more compute, network, or storage servers per rack.
- HDOT Cx outlets support dynamic rack hardware requirements by accepting a C14 or a C20 plug into the same receptacle.
- PDUs designed with a smaller footprint maximize rack real estate to support better airflow and improve access for device maintenance.
- High amperage PDUs deliver up to 100 amps per cabinet.
- Support for alternative voltages including 480/277V and power capacity up to 55kW.

EMPOWERING OPTIMIZATION, ENERGY EFFICIENCY, AND SECURITY

- The Xerus™ Technology Platform combines hardware and software technologies to deliver unmatched security, compute power, alerting, intelligence, and visibility into your power chain and environmental variables.
- Enhanced visibility enables users to properly plan for capacity and prevent overprovisioning power or cooling to critical infrastructure.
- Intelligent PDUs work with most SNMP-enabled management systems like Building Management Systems (BMS) and Data Center Infrastructure Management (DCIM) systems to collect valuable power, environmental, and security data. This allows users to trend, forecast, and report to validate continued operational efficiency.
- Provides flexibility in monitoring and managing remote and unstaffed facilities by adding a layer of intelligence enabled by a wide variety of sensors.

ENSURING COST SAVING AND RELIABILITY

- Connecting Raritan or Server Technology intelligent PDUs, environmental sensors, and a DCIM or BMS, operators can save on cooling costs by confidently raising data center temperatures and actively addressing stranded power or cooling capacity.
- Intelligent PDUs and connected sensors minimize the number of hours needed to track IT assets, thereby saving time and money.
- More than 60 years of combined engineering expertise to provide future-focused solutions.
- Provide key metrics and best practices for optimizing parameters and goals.

Legrand Power, Access, & Control Products

Our data center products and solutions are built to support your critical power distribution, remote monitoring, access, and control needs in various environments. Legrand's premium rack PDU brands, Raritan and Server Technology, are the global leaders in Intelligent PDUs and have over 60 years of combined experience delivering industry-leading quality, innovation, and support for the following product categories:

RACK POWER DISTRIBUTION & MANAGEMENT

INTELLIGENT RACK PDUS

Raritan and Server Technology intelligent rack PDU product lines offer the options to accurately monitor power utilization at the rack-level only or all the way down to the outlet-level. In addition, they can securely turn on or off outlets remotely, monitor environmental conditions, or control access to the cabinet. There is a wide range of form factors, from vertical 0U designs that mount inside the rack but do not take up any valuable rack space or in the rack with 1U up to 4U designs for applications where vertical space is not available. Products are available to support input power ranging from 120 V to 415 V, and 480/277 V.

INLINE METERS

Inline Meters add power, energy, and rack environment data collection capabilities to stand-alone IT equipment and Basic rack PDUs families. It simplifies monitoring of power usage and environmental conditions, allowing users to track the power on dedicated circuits. Save money by wiring the inline meter into existing circuits to get real-time remote power monitoring, including current (amps), voltage, power (kVA, kW), and energy consumption (kWh) with ±1% accuracy.

-48VDC RACK PDUS

Intelligent -48VDC PDUs support secure remote power management, and reboot of individual or grouped outlets using protocols such as SSL, SSH, Telnet, SNMP, and RS-232. Amperages range from 100 to 300A DC Power and feature Fused Power Output Protection, meaning each low and high current output is individually protected by its fuse or breaker and is available in a variety of current capacities. Because the fuses are rated as disconnect switches, they can be hot-swappable without removing power to input feeds.

HYBRID RACK TRANSFER SWITCHES

Patented Hybrid Rack Transfer Switches prevent downtime in cabinets that house equipment with single-corded loads. The Hybrid Transfer Switch design allows for reliable and fast load transfers within 4 to 8ms. Intelligent Hybrid Rack Transfer Switches provide real-time metering at the inlet, outlet and branch circuit level and offer outlet-level switching for better remote power control.

POWER MONITORING & CONTROL

BRANCH CIRCUIT MONITORING

The modular and intelligent Branch Circuit Monitoring System meters, trends, and reports real-time and historical electrical capacity and power usage upstream from IT equipment racks. It can be easily retrofitted into a data center or critical facility's commercial-grade power infrastructure to gain an accurate insight into capacity, energy use, and power reliability to reduce energy costs.

SMART RACK CONTROLLERS

Centralized rack controllers are a 'smart' retrofit solution for connecting environmental monitoring, asset location, physical access, and other monitoring and security sensors. It addresses the challenges of affordably instrumenting a rack that was not originally built with an intelligent power infrastructure. Smart Rack Controllers help reduce hours needed to track IT assets, identify possible hot spots in a rack or facility, and prevent waste by enabling users to confidently raise data center operating temperatures.

ENVIRONMENTAL, ACCESS, AND SECURITY SENSORS

A wide assortment of sensor capabilities provides a comprehensive sensor solution that monitors both the physical and environmental points within a critical facility. Our sensors are engineered to facilitate quick deployment while providing the most accurate data and insight into your operation. They are universally compatible with Legrand, Raritan, and Server Technology power distribution, management, and monitoring products.

SMARTLOCK RACK SECURITY

Provides a vendor agnostic and secure rack door access and control system that can be used in new or retrofit rack security projects. The SmartLock System is well suited for PCI DSS, SOX, SSAE, HIPAA, GDPR, and EN 50600 applications and helps users simplify or automate operations and enable enterprise-level security while reducing deployment costs.

ASSET MANAGEMENT TAGS AND SENSORS

Asset Management Tags and Sensors provide data center operators an accurate, automated, real-time inventory of all IT assets and their locations, down to the 1U level.

REMOTE MANAGEMENT

KVM-OVER-IP SWITCHES

KVM-over-IP switches leverage today's Ethernet and TCP/IP networks to provide remote access, control, and management. It provides the productive, BIOS-level remote management you need, regardless of where the equipment is located. You can now successfully install, configure, update, and troubleshoot remote computers, networking, and facilities without costly travel. The result is faster response to issues and increased uptime, eliminating costly and unproductive travel. Suitable in applications from small labs to large enterprise data centers, we are the market leader in KVM-over-IP switches.

SECURE SWITCH

Secure switches offer a proven desktop access solution for guarding against cyber intrusion for government and military agencies. The Raritan Secure Switch is lab-tested and certified to meet the latest NIAP Protection Profile requirements for Peripheral Sharing Devices. Its features include multi-level physical and logical security defenses, analog and digital modes support, secure USB device control, and much more.

SERIAL CONSOLE SERVERS

Next-generation serial console control devices for remote management of serially managed devices such as servers, networking devices, security appliances, and rack PDUs. These consoles support serial-over-IP access and control of serial devices — anytime, anywhere. They feature Java-free serial-over-IP access, powerful new hardware, military-grade security, broad serial device support, and much more, making them the most powerful, secure, reliable, and easy-to-use console servers on the market.

CENTRALIZED SERVER MANAGEMENT

Easy-to-deploy, plug-and-play appliances provide IT administrators and lab managers with a secure, single point of remote server access and control. Our products consolidate multiple remote access technologies, including KVM-over-IP switches and serial console servers, Raritan and Server Technology PDUs, service processors, and in-band methods such as RDP, SSH, and VNC.

RACK MOUNT CONSOLE DRAWERS

Provide a variety of integrated, 1U console drawers for at-the-rack access of servers and KVM switches in data centers, server rooms, and other space-critical environments. With an integrated LCD screen, keyboard, and touchpad, these 17" and 19" units provide convenient and powerful access and control. In addition, we offer hybrid switches which are a KVM switch and LCD drawer in one to provide at-the-rack and remote, IP-based management in a 1U integrated unit.

ABOUT OUR BRANDS

RARITAN

Raritan, a brand of Legrand, is a global leader in manufacturing intelligent rack PDUs, KVM switches, and other data center infrastructure monitoring and management solutions. Raritan's innovations improve the reliability, efficiency, and intelligence of data centers and server rooms around the globe.

SERVER TECHNOLOGY

Server Technology, a brand of Legrand, specializes in manufacturing award-winning rack PDU technology solutions like HDOT Cx, HDOT, and Alternating Phase Technology that provide unsurpassed flexibility, density, and load balancing capabilities in one PDU chassis.

Raritan
A brand of **legrand**

Server Technology
A brand of **legrand**

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