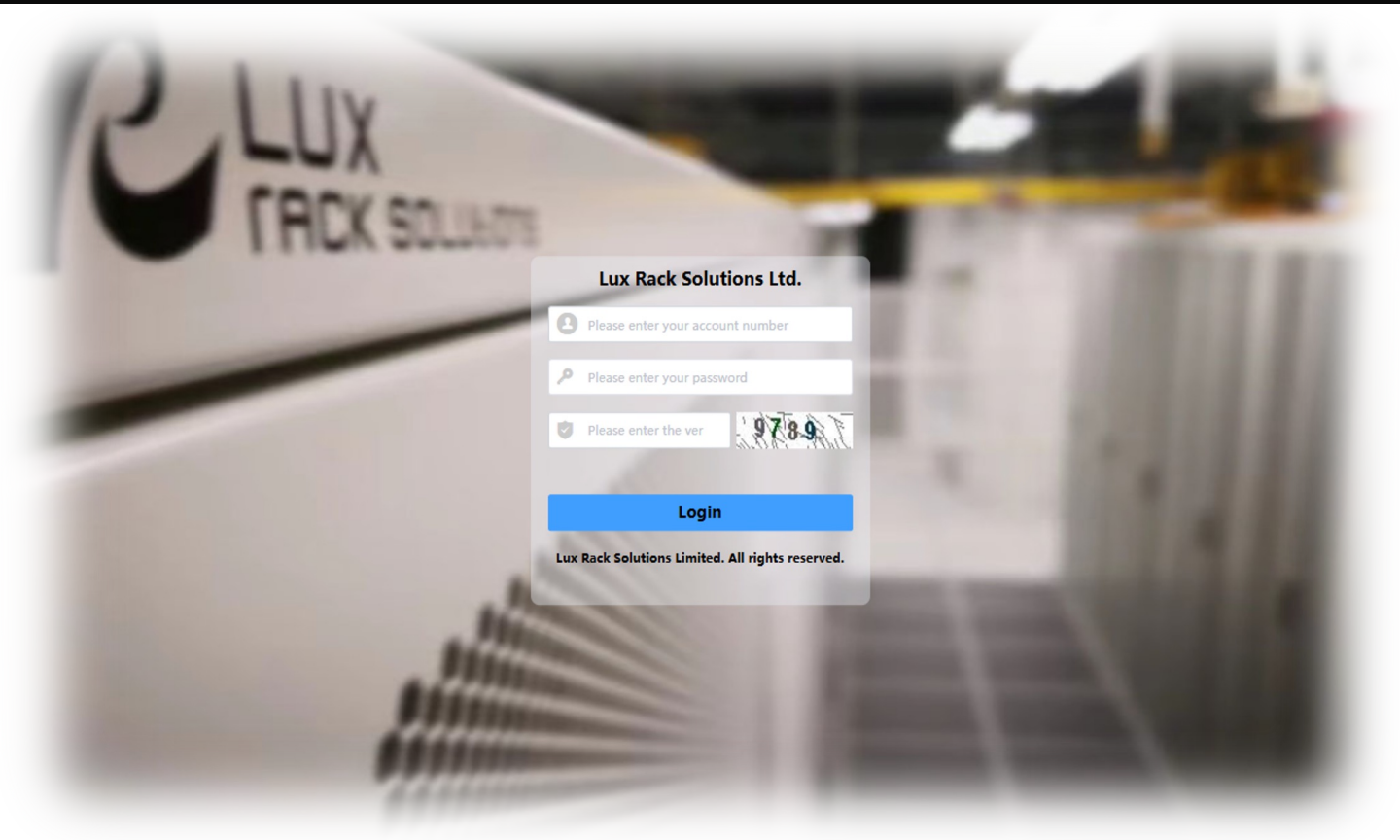


SmartGuard IoT Lock On Every Data Rack



The Last Line Physical Defence of Data Centre
Your Data’s Final Shield? The **SmartGuard IoT Lock** On Every IT Rack



LUX RACK SMARTGUARD IOT LOCK SOLUTIONS FOR IT RACK

As AI servers and network switches process increasingly high-value, mission-critical data, the physical security of server/network racks has evolved from a "basic requirement" to a **business-critical priority**. This includes not just reliable locking mechanisms, but granular access control, immutable audit trails, and real-time visibility—all to mitigate risks of unauthorized access, data breaches, or operational disruptions.

Adapting server rack security to these demands is no longer optional: it is essential for ensuring AI workloads running efficiently, securely, and in compliance with global data protection regulations.

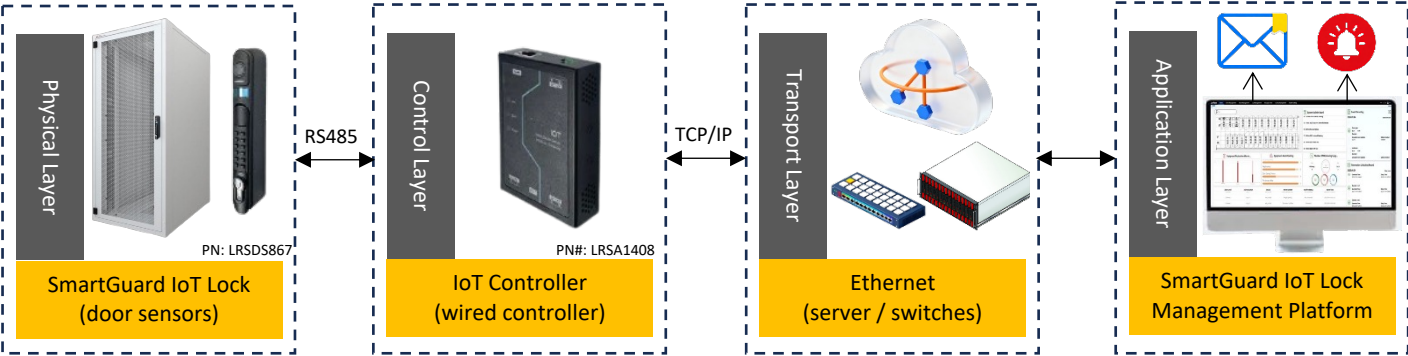
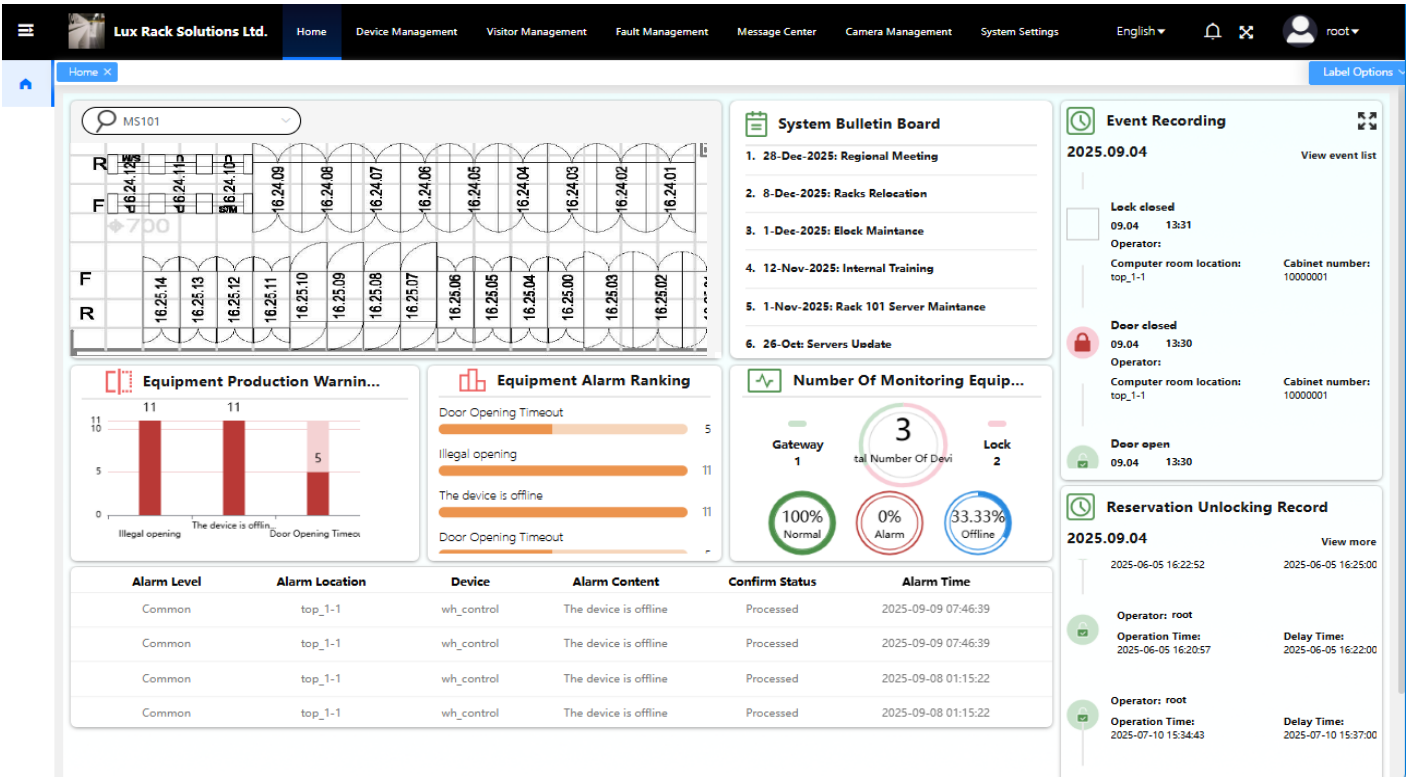
Introducing Lux Rack Solutions’ SmartGuard IoT Lock: Redefine Rack Security

We are proud to launch our **SmartGuard IoT Lock Solutions for IT Server/Network Racks**—engineered exclusively by Lux Rack Solutions to address the unique challenges of modern data centers. This revolutionary system fuses cutting-edge security technology with rugged durability, delivering unparalleled protection for your most valuable digital assets.

Wide-Ranging Applications

Ideal for deployment in:

- 1. Internet Data Centers (IDCs)
- 2. Enterprise computer rooms
- 3. Cloud/data centers
- 4. Any environment requiring remote unlocking capabilities (via integrated IoT connectivity or networked control systems) and real-time monitoring to meet compliance requirements (e.g., GDPR, ISO 27001, GB/T 21556-2008).



KEY FEATURES

SmartGuard IoT Lock solves these pain points by redefining data center security. Merging advanced access control, real-time monitoring, and industry-leading compliance, it ensures your critical infrastructure stays protected, traceable, and audit-ready 24/7—whether you operate locally or globally.

01



Advanced Access Control: Ditch Traditional Keys

- Supports biometric authentication (fingerprint), smart cards (NFC), and PIN codes—layered options to fit your team's workflow (mechanical key as option)

02



Real-Time Door Access Monitoring: Stay in Control 24/7

- Sends instant alerts (email) for abnormal events (e.g., after-hours access, forced entry attempts)

03



Centralized Access Control: Manage Permissions Remotely

- Customize access levels by user role (e.g., admin, technician, contractor) to avoid over-permission risks

04



Audit Trail and Reporting: Meet Compliance with Ease

- Generates exportable reports (CSV/PDF) to streamline audit processes

05



Integrated Visitor Management: Approve Access Securely

- Built-in Visitor Management module lets leaders review and approve visitor permissions

06



User-Friendly Interface: Simple to Operate, No Expertise Needed

- No complex training required—get your team up and running in hours

07



Standalone Network: Minimize External Vulnerabilities

- Operates independently to avoid risks from external access points

08



Brand-Neutral Design: Fit Any Existing Rack /universal compatibility:

- Universal mounting design works with most global branded racks (e.g., IBM, HP, Dell, APC)

09



Robust Physical Security: Withstand Demanding Environments

- Rugged construction and tamper-proof design resist forced entry, corrosion, and wear

ISSUES

- **Vulnerable to breaches:** Lost keys, unauthorized access, and physical tampering put critical IT assets at risk.
- **Wasteful manpower:** On-site staff must escort personnel to racks just to unlock doors—draining resources.
- **Unreliable tracking:** Manual access logs are often incomplete, lost, or unauditable, failing to meet regulatory demands.
- **Catastrophic consequences:** A single breach can lead to massive financial losses, irreversible reputation damage, and non-compliance penalties.

BENEFITS

- **Enhanced Data Security:** Mitigate risks of unauthorized access and data breaches via MFA, tamper alerts, and real-time monitoring—protecting sensitive data from internal and external threats.
- **Improved Operational Efficiency:** Streamline access control (no manual key management) and eliminate escort requirements—freeing up staff to focus on high-priority tasks.
- **Compliance with Regulations:** Meet Hong Kong's PDPO, International Standards (ISO 27001) and Chinese National Standard (GB/T 21556-2008) with automated, auditable logs.
- **Peace of Mind:** Gain complete control over rack access with 24/7 monitoring and tamper-proof trails—resolve incidents faster and reduce operational anxiety.
- **Social Distancing:** Remote unlocking minimizes in-person interactions, protecting employees' health during pandemics or high-health-risk periods.



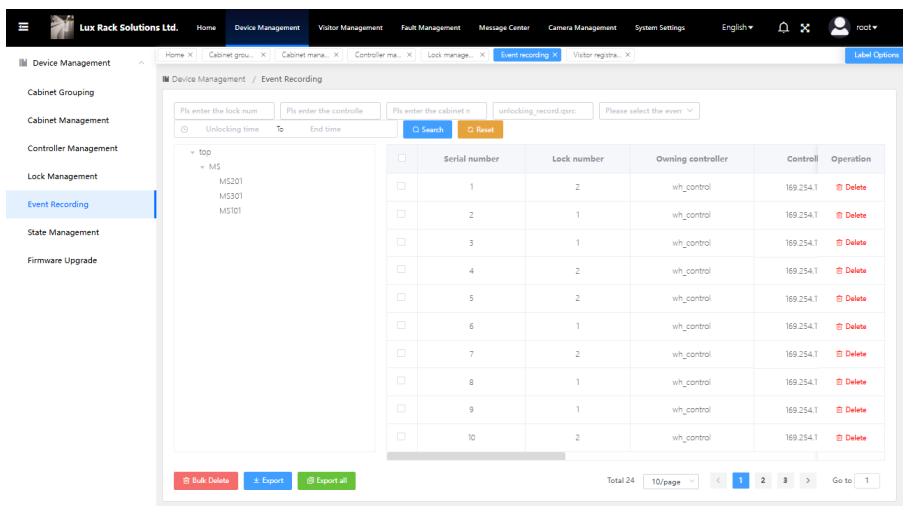
Why Choose Lux Rack SmartGuard IoT Lock?

- ✓ Eliminates unauthorized access to critical IT assets
- ✓ Simplifies compliance audits with automated, tamper-proof logs
- ✓ Cuts operational costs (no more on-site guard rounds for unlocking)
- ✓ Scales easily—supports up to thousands of racks per management system
- ✓ Aligns with data privacy and security guidelines
- ✓ Fits any existing rack (brand-neutral) to avoid costly replacements
- ✓ The system's scalability will allow for future growth

SPECIFICATIONS



1	Part Number:	- LRSLDL867 (bundle of 2pcs x elock & 1pc x controller) - LRSA1408 (1pc x controller only) - LRSDS867 (1pc x elock only)	10	Unlock Method :	Remote IP Network / IC / Bluetooth / RS485 / Fingerprint / Password / Mechanical Key (optional)
2	Overall Dimension:	240*38*45mm	11	Password:	6 digits
3	Rated Voltage:	DC 12V ±10%	12	Lock Cylinder:	Mechanical & Electronic Lock Cylinder
4	Rated Current:	≤50mA	13	Weight:	620g
5	Peak Current:	≤100mA	14	Door Hole Opening Size:	124*24.5mm
6	Working Temperature:	-10 ~ 65°C	15	Material:	Nylon PA66 Zinc Alloy Carbon Steel
7	Working Humidity:	5 ~ 90%	16	Control Wire:	400mm
8	Communication Interface:	RS485, BLE	17	Controller:	Bundle with RS485 to IP Door Controller x 1pc per IT Rack
9	IC Access Card Parameters Frequency	13.56MHz (Card Type: IC / NFC)	18	Door Sensor:	Bundle with Door Sensor (for Front & Rear Door) x 1set per IT Rack



Contact Us

Ready to upgrade your data center security with benefits tailored to your needs?

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SmartGuard —Where Data Center Security Meets Intelligence

All information and specifications are subject to change without notice.

