

» ESSENTIALS FOR SAFE AND EFFICIENT DATA CENTRES

Smart solutions for advanced security, protection and performance



LIFT LOADS EASILY



CONTROL RACK ACCESS



DETECT LEAKS



⊕ 1. Data Centre Essential: **Lifting heavy Loads easily**

Transporting and installing heavy IT-equipment to any height within the racks

Installing heavy IT-equipment in the upper levels of racks is not only physically taxing, but it also poses major risks to the well-being of IT-personnel, as well as potential damage to the hardware. The ServerLIFT provides a solution to this problem. It is capable of lifting and transporting equipment weighing up to 453 kg to a maximum height of 2.66 metres with pinpoint accuracy. The ServerLIFT has optional add-on accessories such as platform risers (lifts equipment up to 3m), lift extensions for lifting loads vertically out of packaging and transport boxes as well as a tilting platform accessory to aid server installation.

SERVERLIFT HIGHLIGHTS:

- » Battery-operated ServerLIFT (SL-500X, SL-500FX, SL-1000X)
- » Maximum load capacity: 453 kg (SL-1000X), 227kg (SL-500X, SL-500FX)
- » Manual SL-350X-Lifter (max. load 160 kg) with hand winch
- » Platform extends up to 2.4m (SL-1000X: 2.66m)
- » High manoeuvrability – even in contained aisles



⊕ 2. Data Centre Essential: **Secure Power Cables**

Integrated locking mechanism protects power cables from loose connections

The zLock IEC DUAL locking power cable has an integrated locking mechanism on both ends. It effortlessly replaces the existing power cables preventing future accidental disconnects, eliminating the associated downtime and possible resulting damage to connected IT equipment. The locking mechanism does not require a vendor specific mating plug or receptacle. The zLock power cables are also available as versions with single sided locking mechanism.

ZLOCK DUAL LOCKING POWER CABLES HIGHLIGHTS:

- » Unique power cable that locks both ends
- » Simply replaces existing power cables
- » Locks automatically (C13) and via twist lock (C14)
- » Available C13 to C14, C15 to C14, C19 to C20
- » Choice of different colours and lengths



In addition the following best practice solutions are offered by Daxten:



POWER DISTRIBUTION



COOLING OPTIMISATION



DC MONITORING



LEAK DETECTION

⊕ 3. Data Centre Essential: Control Access to Racks

Retrofittable locking-system for rack doors protects data and devices

A key role in the security of data centres is ensuring that racks are only accessed by authorised users. A silver bullet in protecting data from unauthorised access, manipulation, theft, and vandalism is the TZ SlideHandle. The intelligent locking system is easily retrofitted to single- or multi-point handles on rack doors. The locking status of each door is displayed directly on the handle via multi-coloured LEDs that are visible up to 30 metres away. Authorised users can be enabled to access the rack doors locally or as an option via various authentication processes, such as smart cards, RFID or biometric identification systems. In the event of a power outage, authorised users can use a manual multi-key override in order to access the racks. Expansion modules can be added onto each rack to record temperature, humidity, as well as water contact.



TZ RACK ACCESS CONTROL HIGHLIGHTS:

- » Retrofittable, cost-effective and scalable rack security system
- » Simple installation to racks with swing handles
- » LEDs on handle display locking status of each door
- » Manual key override function
- » Expansion modules for monitoring, logging and alerts

⊕ 4. Data Centre Essential: Leak Detection and Monitoring

Monitoring of mission critical areas prevents water leaks and damage

If liquids get into the sensitive areas of a data centre the result could cause system disruptions, unscheduled downtime or serious structural damage to the entire data centre infrastructure. Liquids are one of the primary causes of equipment and device failure, leading to costly corrective actions. Before a small leak can grow into a mission critical threat the water source must be located immediately in order to prevent any potential damage. This task is performed best by the SeaHawk leak detection system. It communicates and alerts via SNMP, Modbus, BACnet or N2. Model dependent, the solution can be integrated into a BMS or DCIM application.



LEAK DETECTION SOLUTION HIGHLIGHTS:

- » Reliable detection of water leaks or other liquids
- » Alerts via SNMP or Email
- » Spot detectors for monitoring confined zones
- » Sensor cable for detecting leaks in risk areas
- » Communication via SNMP, Modbus, BACnet or N2

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