



# xFlex Rack PDU – the **new** flexible and cost-efficient power supply

The SCHÄFER IT-Systems xFlex Rack PDU is revolutionising the power supply in data centres. Developed with a focus on flexibility and efficiency, it offers customised solutions for your requirements. In contrast to conventional PDUs, where the intelligence is integrated into each individual device, this functionality is relocated externally. This reduces costs, increases flexibility and offers a future-proof investment for the data centre infrastructure.

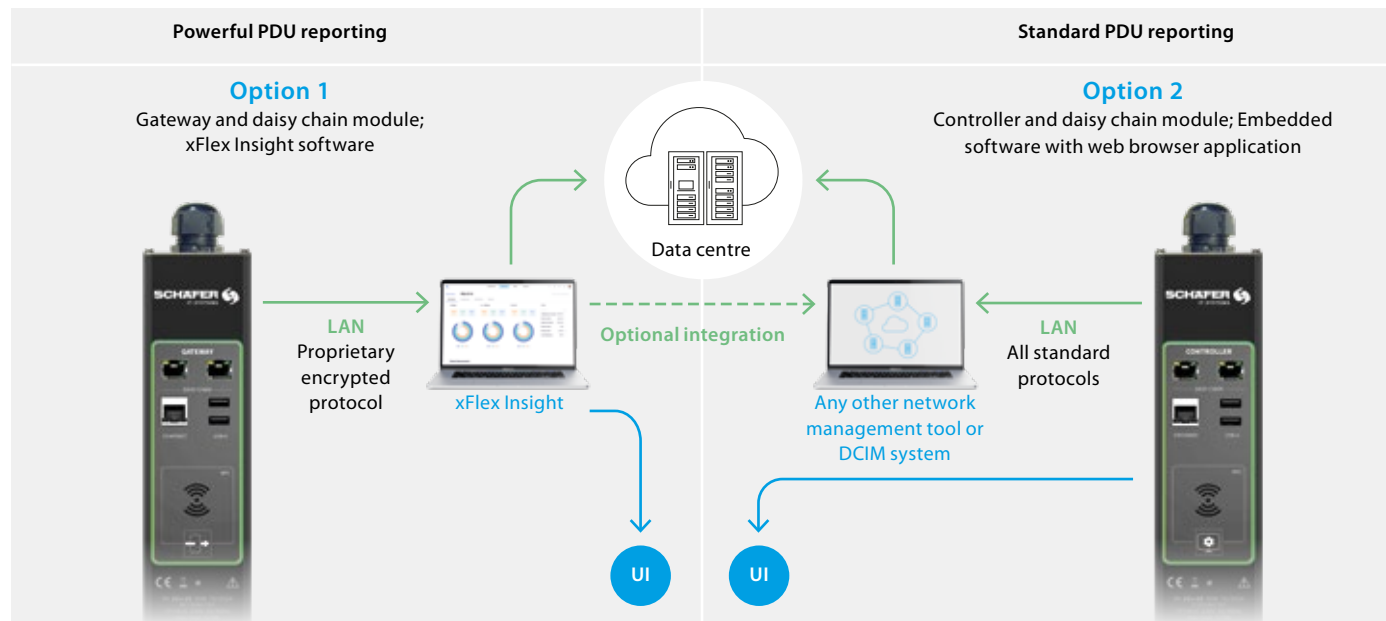
## Includes xFlex Insight management software:

- **No additional investments:** No need for separate power management software and time-consuming installations
- **Comprehensive functions:** Visualisation, analysis, alarms, management of devices
- **Integrated solution:** Combines power distribution and energy management



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# xFlex Rack PDU – the benchmark in power management



## Features and benefits

### Visibility

- **Real-time monitoring:** Alarm management, trend analysis and data analysis for rack PDUs using the xFlex Insight management software, also across multiple sites.
- **Remote display:** Connection via NFC for an intuitive and clear local display on site.
- **External sensors:** To monitor environmental conditions in the rack, such as temperature, humidity, door contact and output contacts.

### Maximum security and availability

- **Maximum network security:** Proprietary encrypted protocol between the PDUs and primarily to the xFlex Insight management software.
- **Comprehensive security protocols:** To support secure integration into external management platforms.
- **Further features:** N conductor monitoring, 60 °C operating temperature, RCM type B measurement, overvoltage modules and bistable relays ensure maximum safety and availability of the rack PDU solution.

### Sustainability

- **Extended product life cycle:** Existing rack PDUs can be integrated into xFlex Insight, which extends the service life of the products.
- **Optimised energy consumption:** Integrated PUE calculation supports the optimisation of energy consumption.
- **High measuring accuracy:** Measuring accuracy of  $\pm 0.5\%$  for precise determination of consumption values.

### Flexibility and scalability

- **Hot-swappable communication card** (tool-free and ESD-safe): To support various requirements for monitoring the PDU, either via the xFlex Insight software as a central management system, or through direct integration into existing DCIM systems.
- **High performance capacity:** Up to 3 x 63 A power supply for applications in High Performance Computing (HPC).
- **Individual solutions:** Flexible design and maximum modification enable customised PDU solutions according to customer requirements.
- **New quad plug:** Integrated fuse function for up to four different IEC60320 output sockets, offers maximum flexibility in rack configuration.

### Cost savings

- **Centralised administration:** The integration of PDU management functions into the xFlex Insight software reduces the cost of each individual rack PDU.
- **Management software included:** No additional costs for management software as xFlex Insight is included with the xFlex PDU.
- **Efficient networking:** Daisy chain of up to 100 PDUs reduces network costs.
- **Simple installation:** Fast and uncomplicated installation thanks to autoscan function and mass firmware and configuration updates.