

Linck avoids power failures



Customer

Linck HVT

Markets Served

Industry

Eaton's UPS is an ideal way of protecting a company's critical systems from unpredictable weather conditions that often lead to power failures and voltage fluctuations. A market leader in wood processing systems, Linck HVT has been satisfied with their new Powerware 9390 UPS which has levelled down brief and unexpected power fluctuations.

To learn more about Powerware UPS products, please visit:

www.powerware.com

The high-tech machine industry continuously brings out new, pioneering technologies for optimised wood processing. Today, an up-to-date and versatile IT structure is an absolute requirement for every company in this field, which includes all aspects of CAD system design, international marketing and internal management routines.

Linck HVT is a market leader in wood processing systems, with 23 of the 30 biggest European sawmills using Linck equipment. In an industry continuously characterised by new, pioneering technologies and products, the use of SAP, CAD and CAM is part of the daily routine. Linck uses these programmes to project and produce systems for special sawing techniques as well as complete sawmill plants.

Thunderstorms threat IT systems

Linck is located in Oberkirch, in the Ortenau county of Baden-Württemberg, Germany. Thunderstorms are almost an everyday occurrence in the area around the town. Linck has suffered from unpredictable weather conditions that often led to power failures and voltage fluctuations. Since the company uses fully computerised planning and production routines, these irregularities used to cause much downtime leading to losses in both production and financial turnover.

Network and server protection is the paramount concern at Linck. In addition, the UPS system protects individual hardware components that might suffer irreparable damage in the event of a power failure.

"Quite brief power failures and downtime situations could cause total operating breakdown," says Veit Böhner, IT and Organisation Manager at Linck HVT. "And when this happened on a weekend, we often had to use half a Monday to bring the entire system back to normal operation."

Expanded IT systems require comprehensive protection

Seeing rationalisation and automation, Linck's IT facilities have grown continuously in recent years. Today the company's network in Oberkirch consists of about 20 servers and 160 workstations. The previous UPS system could not adequately cope with the demands of this IT facility. In addition, the battery system had to be renewed.

To protect all critical systems Linck decided to install a Powerware 9390 from Eaton, with 60 kVA and battery-powered standby capacity of 15 minutes. This system also includes a diesel generator (125 kVA) for emergency power in case of a main failure. The new solution protects all IT resources: SAP, CAD, CAM systems, BDE terminals, telephone facilities and the equipment for office communications, including digital filing systems.

“With this UPS concept, we have achieved maximum security for all our IT resources – the core and most important of which is the SAP System,” says Böhner. “Thanks to the Powerware 9390, our computer operations are fully protected against the power failures that invariably occur two or three times a year. But the main contribution of the UPS is the smoothing of very brief power fluctuations, sometimes lasting only a few seconds.”



Diesel generator backs up

The maximum backup time of about 15 minutes is never fully used. Within the first five minutes of a power failure, the diesel generator kicks in to spare the UPS batteries. In case of weekend problems, the generator will start up automatically, and inform key personnel by e-mail.

“The system-upgrading was implemented smoothly in just one day,” says Böhner. “Eaton even picked up the old system for waste disposal.”

The UPS systems at Linck are conceived keeping future in mind, so they can be expanded or modified without difficulty.