

Customer Success Story: Senoplast Klepsch & Co. GmbH

Markets Served
Machine OEM—Plastics Industry

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our system is available
99.9% of the time

Josef Lechner

Eaton UPSs used as redundancy assurance at top Salzburg-based exporter

Location:

Piesendorf, Austria

Segment:

Machine OEM—Plastics Industry

Challenge:

UPS protection of newly installed server landscape with virtualization and redundancy features

Solution:

Integration of three Eaton MX5000 devices with Web/SNMP Management Card and external bypass

Results:

A UPS solution that can bridge a power failure lasting up to 25 minutes and ensure controlled shutdown of all connected equipment thanks to the Intelligent Power Protector

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Background

While many others were still experimenting with harder materials, in 1956 Senoplast founder Wilhelm Klepsch discovered plastic as a promising material for his business plan. An existing "empire" of 37 companies across 16 countries is the rewarding result of his pioneering spirit. Semi-finished plastics have a wide range of possible applications, from bodywork parts for motor vehicles, through cladding for refrigerator doors, to blister packaging for the pharmaceuticals industry, as well as many others. "Our products have the Mercedes image: not altogether cheap, but a leader in the industry," says Senoplast employee Wilhelm Plaickner.

Challenge

Senoplast demands similarly high quality from its suppliers. "We are an industrial manufacturer working round the clock, 365 days a year, in several

locations, covering various time zones. Thus there are not many maintenance windows, which is why we have to ensure that our system is available 99.9% of the time. If this does not happen, we cannot continue to manufacture worldwide," reveals Josef Lechner, Head of IT at Senoplast, which is why he believes in having as much redundancy as possible to protect the network. After all, the inventory control system, payroll, and accounts for a total of 32 locations worldwide all rely on the system.

Solution

When it came to UPSs, Senoplast was advised by Thomas Lessacher, Customer Advisor at the Innsbruck-based IT specialists Wallak Informatics GmbH, to use three Eaton MX5000 devices. These provide a Web/SNMP Management Card, a battery extension module – which extends the UPS's backup time at 70% load from 8 to 35 minutes – and an external bypass. External redundancy of the UPS is therefore also ensured.

Results

The internal redundancy is incorporated into the online double-conversion devices from the Eaton MX5000 range as standard. "For us, the Eaton

UPS is part of our infrastructure; on the one hand it should filter any voltage peaks, as some of the underlying components are very sensitive, and on the other hand it should also provide a buffer of 20–25 minutes in case of a power failure so that we can shut down our server in a controlled way. And last but not least, the specially installed bypass switch allows any maintenance work, such as a battery change during operation, to be carried out," explains Head of IT Josef Lechner. Another advantage of Eaton is that the diversified power management company offers many of its software tools for Intelligent Power Management and controlled shutdown of the connected server free of charge, without additional license fees. Moreover, Eaton has already been a VMware partner for several years, and is therefore best equipped to deal with any of the user's virtualization plans.



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