

real life

A STORY FROM THE FRONT LINES OF POWER PROTECTION

It can be downright disheartening to think you've done everything right to protect your electronic equipment from power line disturbances... and then find out you hadn't. That's what happened at Helene Curtis not long ago.

can have," relates Mitchell. "With ovens and refrigerators and every other electric appliance going on and off, power problems in a pizza restaurant can be horrendous."

After a losing struggle to get the system to work properly, Mitchell remembered someone telling him that ONEAC power conditioners were designed to remedy situations like these. Feeling he had nothing to lose, he plugged the POS

down significantly damaged. File servers hooked into their new ONEAC UPS, on the other hand, remained completely unaffected and continued to operate.

Mitchell admits he doesn't know what caused a spike of that magnitude. He says it could be the elevators or power company switching. He did discover that a power distribution panel was improperly grounded. And he had that remedied immediately.

Making all the right moves.

The story begins with a tape backup system that had managers at Helene Curtis totally perplexed. Because right in the middle of back-ups, it would inexplicably shut down. Other peripherals plugged into their UPSs also were doing strange things, including starting and stopping for no apparent reason. And with absolutely no indication of any problem from their UPSs. They called in Edward Mitchell of the network consulting firm Littva-Mitchell, Inc. to solve the mystery.

Mitchell had seen similar problems before. Actually almost from his very first assignment. Then, he had been hired by a neighborhood pizza parlor to install a Point-of-Sale system. "Perhaps, the most unfriendly computer environment you

system into an ONEAC power conditioner and was pleased to see every problem disappear.

Very aware of power problems by this time, Mitchell recommended that Helene Curtis, rather than continuing to purchase APC SmartUPS, switch to ONEAC UPSs. They installed one almost immediately. At the same time, Mitchell began testing their line power with an ONEGraph.

In a remarkable coincidence shortly after the monitoring began, the ONEGraph registered a spike that went off the chart. A 1,000 volt spike hit the two file servers running on the APC UPS with full force. Both servers registered a non-maskable interrupt message and went

"Contaminated power can cause serious problems that ONEAC power conditioners and UPSs can easily prevent. Look at Helene Curtis. Their network has been running on all ONEAC products for the last two years, problem-free. No more funny business with their tape backup — or, for that matter, with anything else that's power related. I don't care what other manufacturers claim about their UPSs. I just know that my customers have eliminated a lot of expensive problems simply by using ONEAC."

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The ONEAC C difference.

It's well established that power problems are the leading cause of network downtime and data loss. Lightning and outages are the most visible of these. And most UPSs protect against them to some degree. But fast edged transients and other conducted noise can be just as dangerous. ONEAC's low impedance, full output isolation transformers eliminate them completely. While UPSs with filter-based power conditioning are only capable of protecting against a portion. That difference can have a major impact on reliability.

The evidence is that switching from standard filter-based UPSs to ONEAC Premium Grade Power UPSs leads to an average 35% reduction in hard failures, 80% reduction in "no trouble found" service calls, and equally dramatic reductions in a host of other mysterious system ills.

The cost of a UPS is a small fraction of your total investment in network systems and supports. Doesn't it make more sense to specify the UPS that offers you the complete power protection?

ONEAC® A H I G H E R L E V E L O F C O N F I D E N C E

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