

# Products Prepared For Real-World Use

Server Technology & PDUs Direct Know The Importance Of Product Testing

**MOST COMPANIES PERFORM** some form of testing on their products to ensure that they are in good working condition before being shipped to customers, but Server Technology, experts at producing the highest standard of quality PDUs, goes above and beyond basic testing with its 100% Product Performance Testing. The process includes putting each product through a series of tests designed to push it to its limits, which results in high-quality products with low failure rates.

The reason Server Technology decided to perform these tests on every product for 27 years is much simpler than you may think. “The worst thing for a customer is to open a box, plug a product in, and it doesn’t work,” says Jim Scherr, director of sales and operations at PDUs Direct ([www.pdusdirect.com](http://www.pdusdirect.com)), the master distributor of Server Technology PDUs. “The overarching reason for doing the power testing is simple: to make sure that any product that leaves our building functions as per designed and meets all the criteria of the customer. We’re committed to always providing the quality and value that our customers expect.”

The first and foremost benefit of Server Technology’s 100% Product Performance Testing is that customers can have peace of mind knowing that the products powering their mission-critical devices work as

designed and have less of a chance to fail, according to Scherr. Server Technology’s major goal is to help keep their customers’ physical infrastructure up and running so they can be as productive as possible.

## Testing From Beginning To End

With 100% Product Performance Testing, it isn’t just a matter of testing a product after it’s completely built. In fact, these products are tested throughout the manufacturing

process to make sure any possibly defects or other issues are caught early on to prevent a potential domino effect later down the line. And if a product fails at any step along the way, changes are made and the testing process at that level starts all over again. “It’s good for us to know early on if there’s a problem because we can fix it here at our manufacturing facility, which is so much better and quicker than trying to fix issues or problems in the field,” Scherr says.

The variety of tests performed on the products run the gamut from thermal, shock, and vibration testing to compliance with ATE (Automated Test Equipment) tests, as well. It all leads to the final tests, which are designed to test the product in real-world applications and make sure they are ready for the customer once and for all. All tests are performed in a state-of-the-art Power Lab.

“All products are tested at all stages, starting from when the product is in its infancy to when it has become finalized,” Scherr says. “Just before it goes out the door after the final modification, we test it once again. We don’t just test it by plugging it in and making sure the lights come on; we plug it in and we load every receptacle. We just want to make sure

that, functionally, the product fully works under the conditions it will see in the future.”

## A Partnership Between Manufacturer & Customer

PDUs Direct sells a wide variety of Server Technology products, including basic, switched, and metered Rack PDUs, and all of them go through the 100% Product Performance Testing process. It’s a combination of well-built, easy-to-use products and a

degree of testing that isn’t often seen in the IT industry. Current customers notice this because, according to Scherr, they “really appreciate the due diligence being done prior to them getting the products.”

And Server Technology, along with PDUs Direct, sees its relationship with customers as a mutual partnership, which is why 100% Product Performance Testing was put into practice in the first place. These companies strive to provide the best products available with the highest amount of testing and lowest failure rates so that their customers can focus on running their businesses instead of fixing infrastructure issues.

“The quality, reliability, and performance of our products are the most important benefits—to our customers and to us,” Scherr says. “It’s what we’ve built the company on and what we stand for every day.”



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