# Two Years of Problems. Eighteen Months Without a Single Issue.

I've owned and operated a residential technology business for over 20 years, and during that time I've dealt with my share of difficult problems. But one installation in particular had become a constant source of frustration.

The home was located in an area prone to frequent brownouts, voltage fluctuations, and power surges. Over approximately two years, I experienced an extraordinary number of equipment failures. I replaced four 24-port managed network switches, three routers, numerous smaller unmanaged switches, and several Apple TVs and Rokus. This was equipment that under normal circumstances should have provided many years of reliable service. Instead, some of it was failing every six months.

And the equipment failures were only part of the problem. I was receiving calls almost weekly because the network or connected devices were offline and needed to be rebooted. With the property located approximately 400 miles away, every service visit meant considerable travel time, hotel expenses, and the cost of replacement equipment.

I tried just about everything I could think of, including UPS systems, surge protectors, and power conditioners. Nothing seemed to solve the problem.

I spoke with Tim at Transient Protection Design to get his opinion about the problems I was experiencing. The TPD-VR120-15A-P was just coming into production, and Tim was kind enough to send me his demonstration unit so I could try it.

That was 18 months ago, and the results have been remarkable.

**Not one equipment failure. Not one of the recurring calls to reboot the system.**

The electrical conditions at the property haven't magically improved. I installed a Ting device as an inexpensive way to remotely monitor incoming voltage conditions, and the property continues to experience power fluctuations and disturbances. But the equipment connected to the TPD regulator has continued operating reliably.

After two years of replacing equipment, troubleshooting intermittent problems, and making expensive trips to a property 400 miles away, the difference has been extraordinary.

In more than twenty years in this business, I've learned that there's a big difference between a product that promises to solve a problem and one that actually does.

**The TPD voltage regulator is one of those products, and I wouldn't hesitate to recommend it.**

Jim Clements
Anchor Technology Group