

Timber Line Tidbits

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In this Issue

Kim's Corner
Now Trending: New Staff
Dan's Download

Kim's Corner



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[Send an
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Are you still using Moscads?

Colorado and Wyoming have been full of intense and damaging weather events this summer, keeping our Help Desk and Field Service technicians busy. This extreme weather poses challenges to SCADA systems! I would like to discuss two weather-related issues that we have seen this summer.

Many of our water and wastewater districts have been thankful for the longevity of both their Motorola Moscad telemetry units and their Allen Bradley SLC PLC equipment. These workhorses have provided 20+ years of reliable performance. Unfortunately, as their components age, they have become more susceptible to power surges and brownouts, resulting in random errors or total failures. Communication failures have been caused by weakening power supplies, and pump station malfunctions have turned out to be a failing radio at a remote tank site. These intermittent failures can be difficult and costly to troubleshoot. We are happy to help solve an immediate problem, but please *consider asking us for a quote for upgrading aging equipment*. We have lots of options!

Equipment upgrades can also be the source of unique challenges...

The more sophisticated that PLCs and RTUs become, the more susceptible they are to power surges and brownouts. Timber Line is making an effort to include new 120VAC surge arresters for retrofitted equipment, and we strongly suggest double inversion Uninterruptible Power Supplies to additionally condition power. As new technology is added, such as a cell modem, Ethernet radio, satellite modem or town-wide Wi-Fi, it is imperative that the new equipment is connected to conditioned power, and that data-line surge arresters are added between Ethernet switches and any outward facing communication device. This is particularly important when the new device has been supplied by a third-party and may be powered from a different power circuit than the PLC. Timber Line can provide surge protective devices and double-inversion UPSs. If your facility has experienced multiple power-related failures, we can also provide power quality surveys, surge protective device surveys, and grounding surveys.

Now Trending at Timber Line

New Staff

David Bianchini
SCADA Engineer/Field Technician

Specialty: Instrumentation, Controls, iFIX SCADA & Motorola RTU's

Hobbies: Family, hunting, fishing, exotic restaurants, having fun with my dog.

Grew up in Massachusetts (new to CO)

Fun Fact: Considered becoming a Buddhist Monk after attending a weekend meditation retreat at a Buddhist Temple in Raynam, MA.



Dan's Download



Dan Schuelke
CEO / Owner

[Send an email to Dan](#)

Timber Line Electric and Control Corp. (TLECC) is committed to service and support of our products and customers. With Timber Line's growth and the continued use and implementation of more advanced technology, the need for immediate technical support has become more important than ever before. To better support this need Timber Line has expanded its service department. Our service department is here to assist with emergencies, equipment outages, calibrations, routine maintenance, SCADA/PLC programming, start-ups/follow-ups, and more.

Timber Line has implemented a rotation schedule for our support staff of Programmer/Field Technicians which allows them to be in the office during normal business hours and dedicated to assist customers with phone support and emergency issues. So the people who help you are likely to be the ones who you have seen and/or worked with at your facility. We have a Programmer/Field Technician on call 24 hours a day 365 days a year. We also have 4 remote Programmer/Field technicians, 1 located in Silverthorne, 1 in Loveland, and 2 in Grand Junction.

Customers who call with *emergency* needs can expect a phone call within 1 hour from a qualified Programmer/Technician who can log into your system via Citrix GoTo Assist or be on site typically within 4 hours.

Timber Line makes it a priority to always have a Technician available for emergencies, however for service and/or follow up maintenance, customers can expect to have a Technician on site within 1 to 14 days. Customer needs and urgency are certainly a factor when it comes to scheduling; we try to ensure every customer is handled in a timely manner.

With the restructuring of our Service Department, Rich Douglas, part Owner and Sr. Technician for Timber Line, has now taken on a new role as Service Manager, and is enjoying the challenge of providing a higher level of customer support.

About Us

Timber Line Electric & Control Corporation (TLECC) was established in 1987 by Kurt Evezich and incorporated in April 1988. We provide instrumentation and control field service to over 150 municipal water and sanitation districts in 5 states, serving clients in the skiing, mining, power distribution, oil and gas, and food processing industries. We're also excited about expanding our involvement in clean and renewable technologies and other promising new industries.

Our Mission

To find opportunities to delight our peers and customers by making the complex simple.



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