

SurvalentONE

Topology Processor

Evaluate the current status of
your network faster and more
accurately

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Utiliverse™ ecosystem

Reduce risk and enhance your team's situational awareness with a color-coded view of your network's line sections updated in real-time

Empowering your team with greater situational awareness and network insight can offer major benefits for your utility. From the control room to field crews, your team needs to be aware of the status of line sections within your network. It can spell the difference between safe and unsafe operations.

SurvalentONE Topology Processor substantially reduces risk, gives your teams the information they need to go about their duties safely, and keeps the network running smoothly.

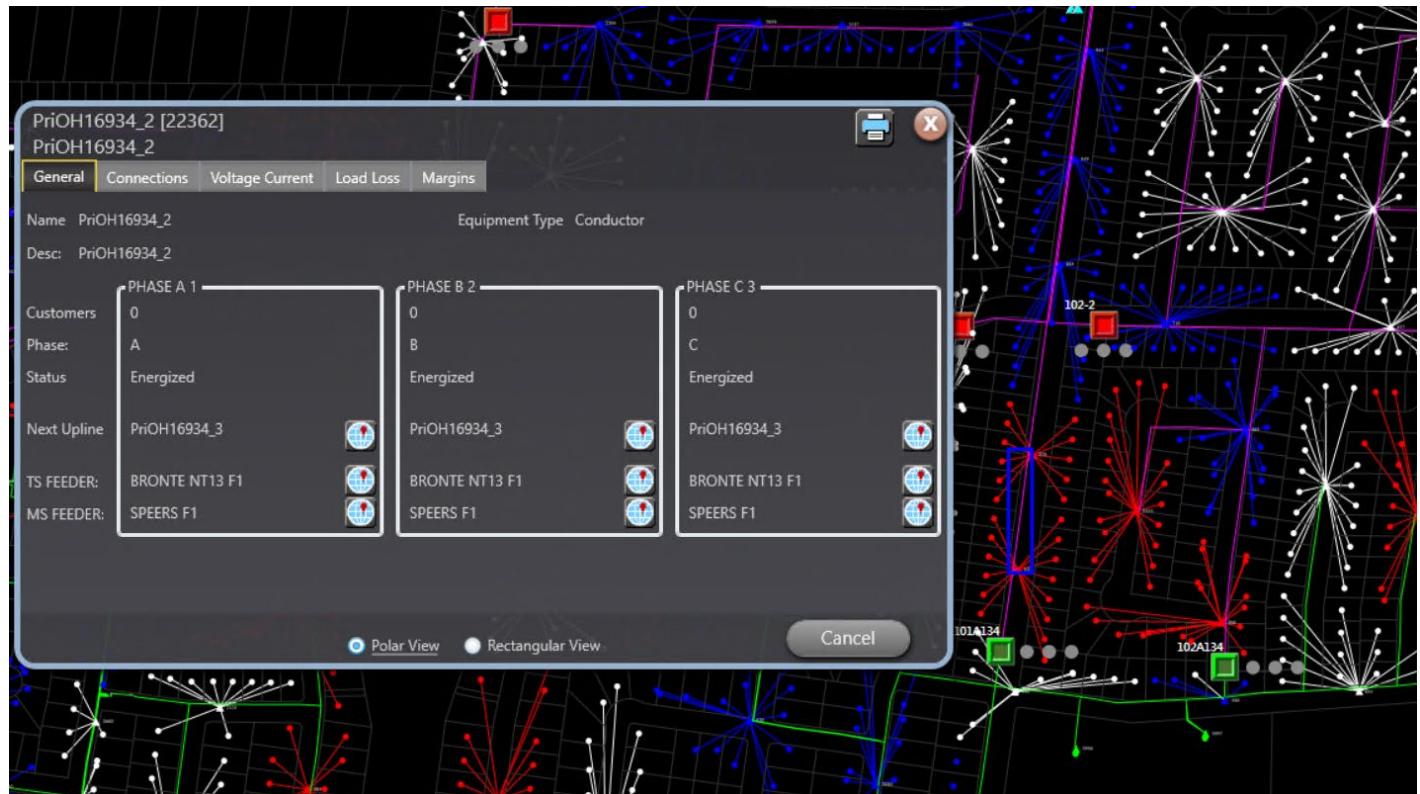
Real-time Insight on Your Line Sections

Your team can configure different color codes for feeder connections and line statuses, allowing them to immediately recognize and understand the state of the network through a quick glance at SmartVU.

In addition, using topology data gathered from your distribution network, Topology Processor calculates the energized or de-energized status of line sections, and factors in the status of breakers, switches, and other circuit elements when making these calculations. The processor performs independent connectivity calculations for each phase in a line section, and then distinguishes partially energized line sections with a secondary set of colors.

If Topology Processor determines that an area is energized, it can let your team know precisely where your network is paralleled or looped. When a line section goes to an abnormal state (such as when it is de-energized, looped, or parallel, among other states), Topology Processor raises an alarm to alert your control room team.

Operators gain real-time line section data, including customer counts, the status of each phase, and the source feeder for each phase, simply by hovering over the desired line section. If the selected line section is below a substation, the line section data window also identifies both the upstream transformer substation feeders and the transformer station feeders that feeds the substation.



Benefits

- Faster and better understanding of your network topology that automatically updates based on input actions
- Instant alerts of critical changes such as de-energized, paralleled, or looped circuits
- Comprehensive, real-time data on customer counts, phase breakdown, source feeders, and more by mitigating risk
- Increase the effectiveness of your operations team

Key Features

- Quick identification of the next upline or downline protective device from the user's current location
- Tracing capabilities
- Support for applying temporary devices (such as cuts and jumpers) to your line sections
- Highlight areas with voltage/current violations with Distribution Power Flow enabled
- From any line section, view the total number of downstream customers, including customer information (if available) and the installed kVA
- Ability to change the network coloring on the fly to dynamic feeder-based) or fixed (voltage based)

Better Software. Better Decisions.

With Survalent, you can control your critical network operations with confidence. We're the most trusted provider of advanced distribution management systems (ADMS) and substation automation for electric, water/wastewater, oil & gas, renewable energy, and transit utilities across the globe.

Over 800 utilities in 40 countries rely on the SurvalentONE platform to effectively operate, monitor, analyze, restore, and optimize operations. By supporting critical utility operations with a fully integrated solution, our customers have significantly improved operational efficiencies, customer satisfaction and network reliability. Our comprehensive substation automation solution, Survalent StationCentral, delivers advanced control and monitoring for enhanced network performance and protection.

Our unwavering commitment to excellence and to our customers has been the key to our success for over 60 years.

100% Project Delivery. We Guarantee It. Ask Us How.

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