SurvalentONE

SmartVU Empowers Smarter Control Room Operations

An Intuitive, Real-Time Interface for Seamless Network Management

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An Advanced Graphical User Interface for Your Control Room

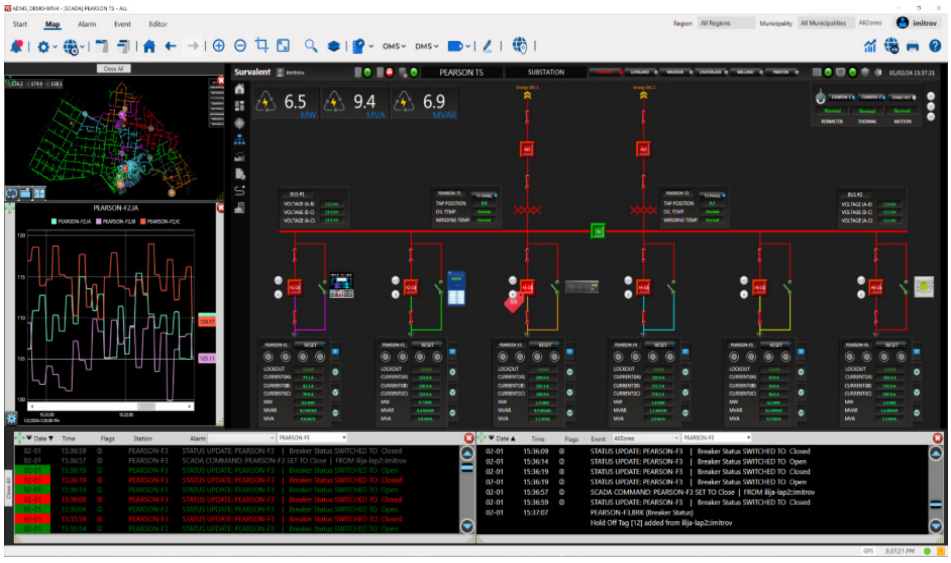
SCADA, OMS, and DMS applications generate a wealth of real-time operational data that must be clearly organized and presented for effective use in the control room.

SmartVU does that. And more.

SmartVU is a streamlined, Windows-based graphical interface, designed to simplify control room operations. With its powerful tools, advanced customization options, and intuitive navigation, SmartVU empowers operators to manage vital network data, respond quickly to events, and maintain precise control over field devices.

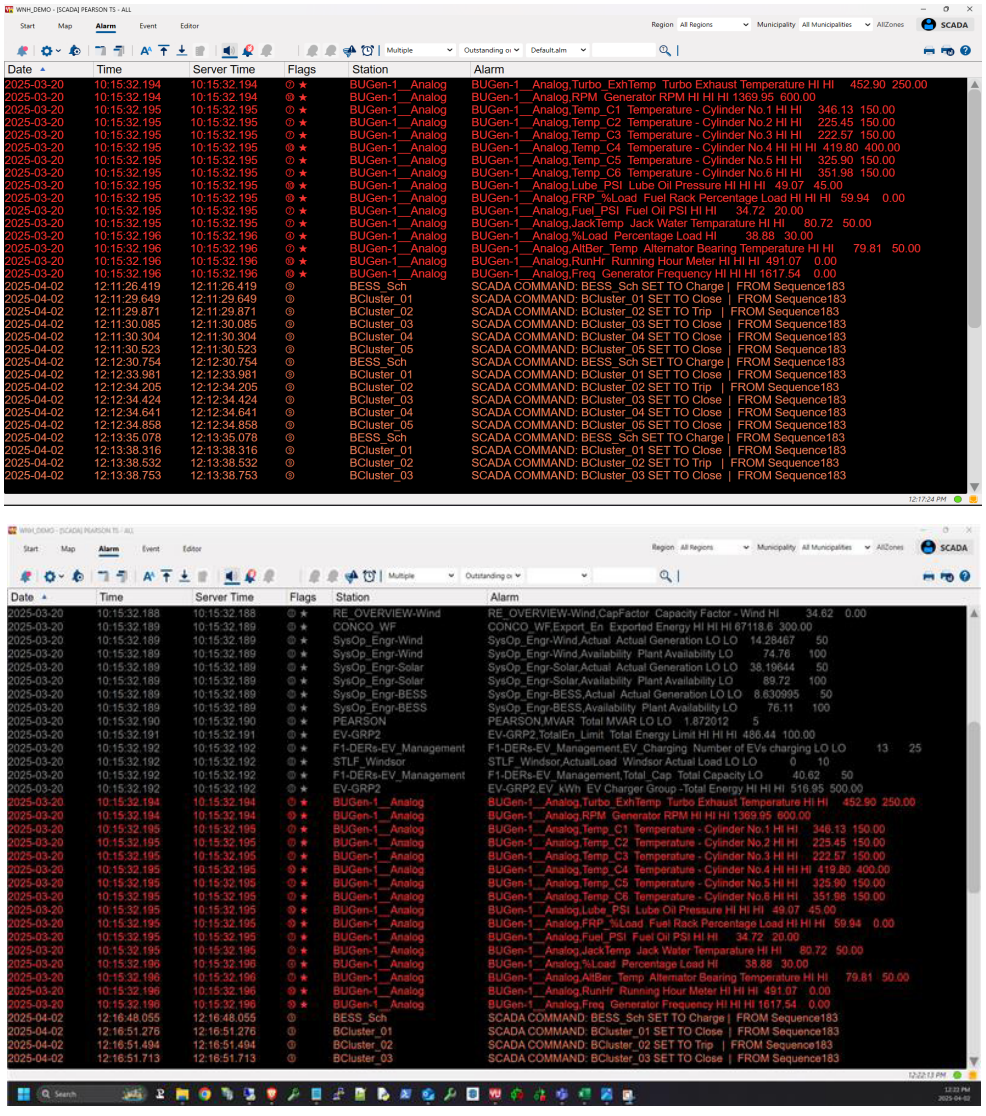
Streamlined Navigation and Docking with SmartVU's Tabbed Interface

SmartVU's comprehensive tabbed interface centralizes essential tools and information, streamlining navigation and enabling operators to respond quickly to network needs. The map tab provides a dynamic, real-time view of the grid, empowering operators to zoom in on critical areas, access flexible views, and retrieve detailed data while monitoring or controlling telemetered field devices directly from the map.



Each primary tab, such as map, alarm, or event, supports multiple subtabs, allowing operators to switch between different views or settings within the same tab for faster navigation. This eliminates the need to create new windows for every task, keeping operations efficient and clutter-free. Additionally, SmartVU's docking capabilities enable users to combine multiple views—for example, embedding an alarm display within the map tab—ensuring that essential information is readily available at all times. Together, these features deliver a seamless, highly flexible interface that enhances situational awareness and operational productivity in the control room.

The alarm tab ensures operators stay ahead of critical alerts with prioritized views that enhance situational awareness and improve network reliability. For tracking operational events, the event tab offers a clear and detailed history of network activities, promoting accountability and enabling well-informed decision-making. Meanwhile, the editor tab facilitates collaborative map updates through intuitive drag-and-drop functionality and multi-user editing capabilities. This allows users with appropriate permissions to create, modify, or delete objects while maintaining a log of changes and user activities. These tools ensure efficient collaboration on map and graphic updates while keeping operational workflows secure and consistent.



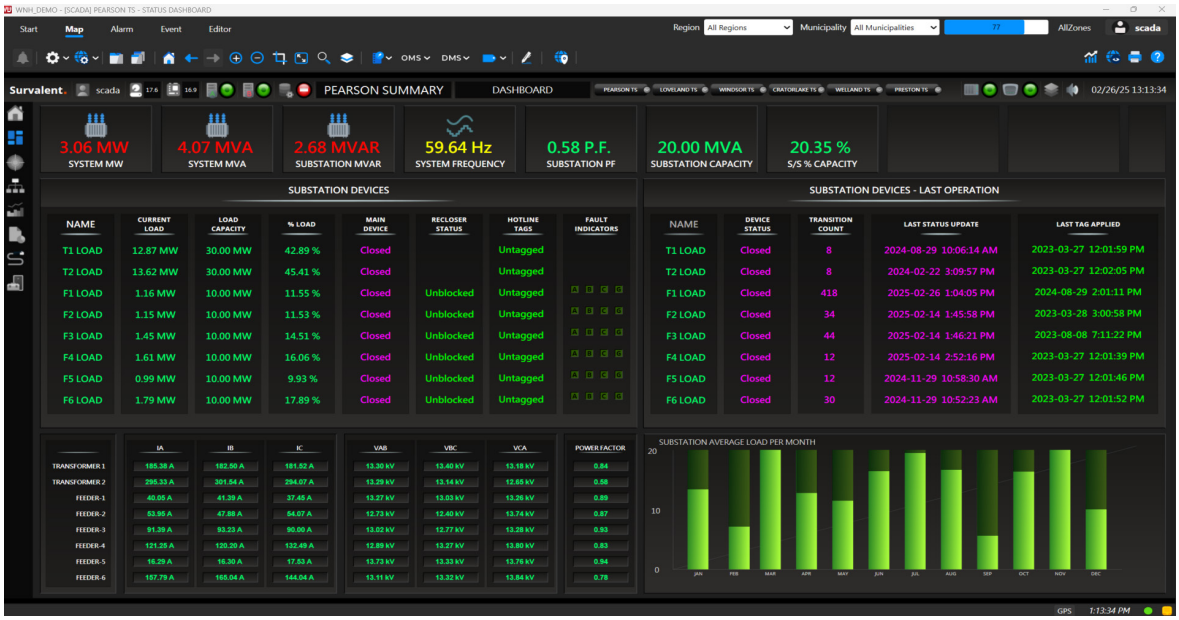
Configurable User Interface for Seamless Operations

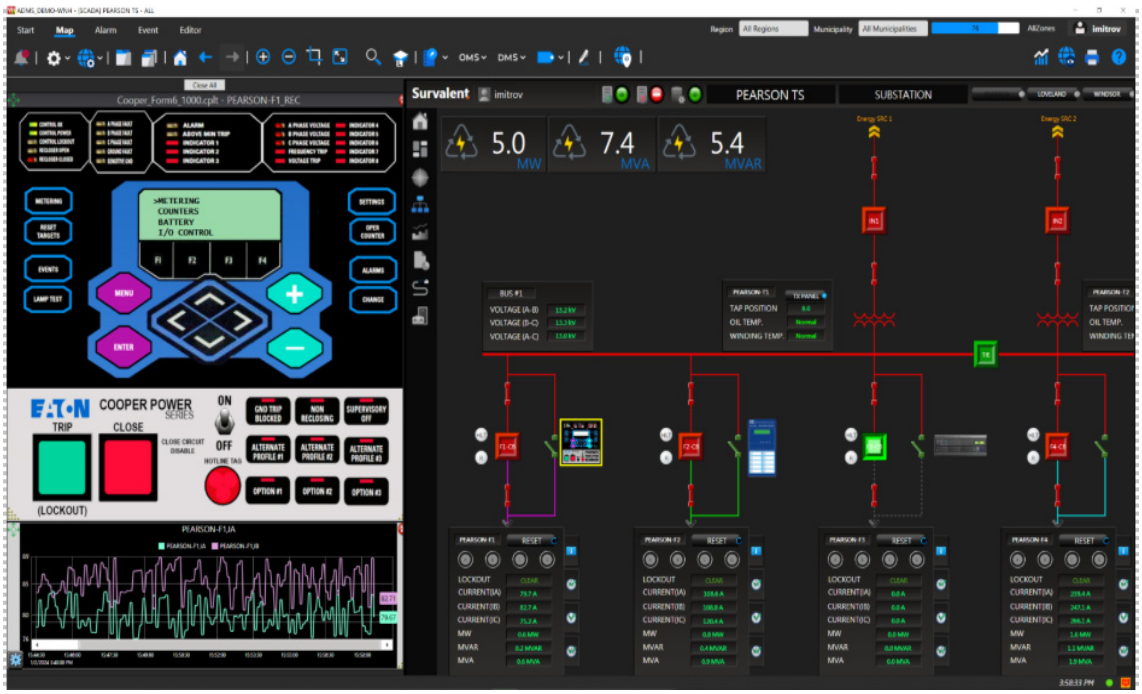
Building on its tabbed interface, SmartVU's design further enhances operator efficiency with features that support personalized workspace configuration and intuitive navigation. Operators can save their workspace settings - including open tabs, window arrangements, and display preferences - ensuring a consistent and familiar setup each time they log in. This capability eliminates the need to reconfigure the workspace for every session, streamlining workflows and reducing setup time. Additionally, users can opt to automatically load their saved configurations upon sign-in, enabling a smooth and efficient start to operations.

SmartVU also includes drag-and-drop functionality, allowing users to effortlessly rearrange interface elements and filter views dynamically; for example, dragging a point into an alarm window instantly filters the view to focus on that specific point. Light and dark modes further improve visibility and comfort across various lighting conditions. Operators can create and save magnified views, declutter maps for better focus, and configure displays for specific user zones, ensuring a clean and efficient workspace. Intuitive keyboard shortcuts accelerate common actions, boosting productivity and enabling faster responses during critical operations.

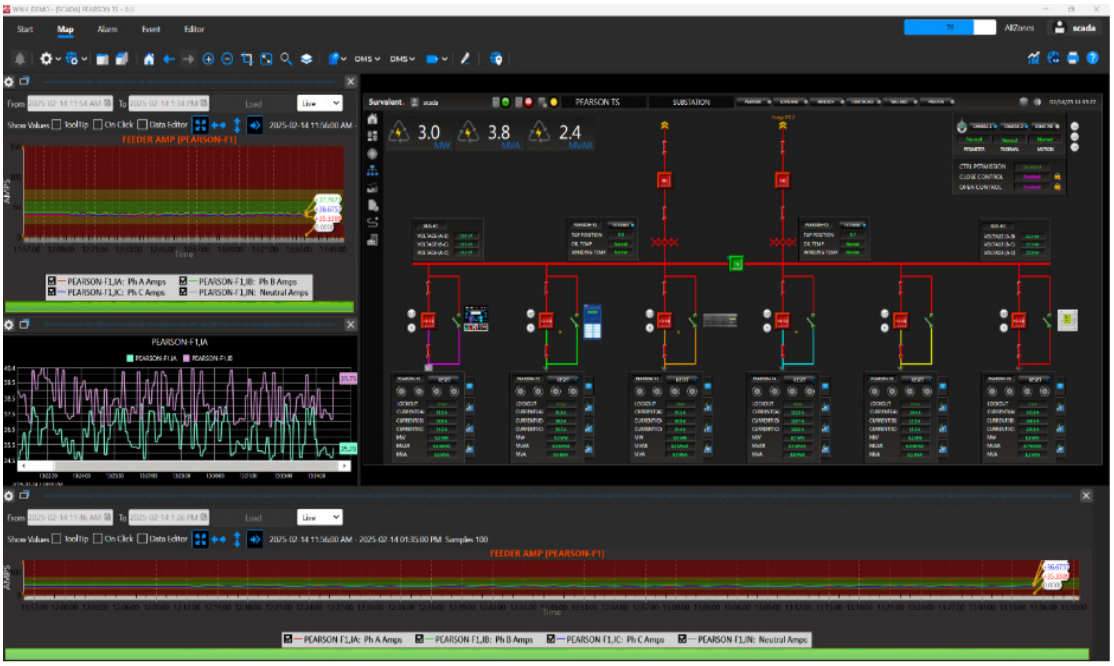
Data Interaction Tools & Control Panels for Informed Decision-Making

SmartVU provides operators with powerful tools and control panels designed to enhance data analysis, visualization, and decision-making capabilities. Widgets and templates, such as operational dashboards and alarm management tools, streamline routine tasks while presenting critical information at a glance. The integrated control panels replicate the layout and feel of field intelligent electronic devices (IEDs), enabling operators to interact seamlessly with field devices directly from the interface. This ensures precise and efficient control over network operations while maintaining a user-friendly experience.





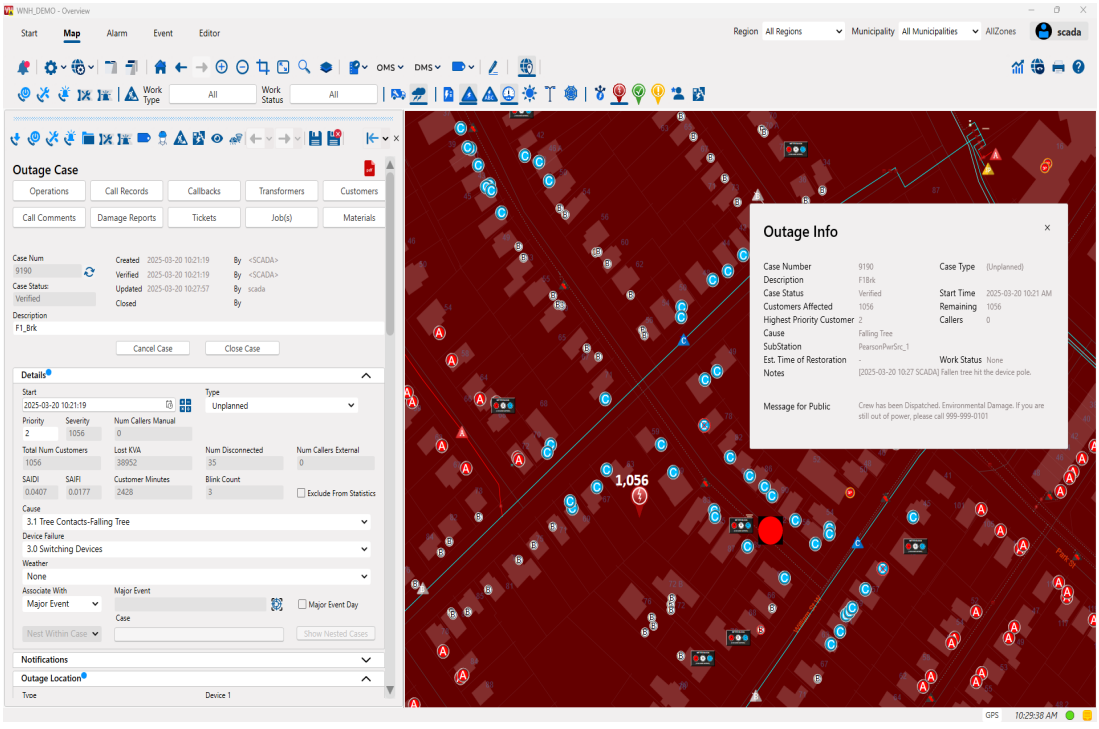
With Trend Graphs, operators can create ad-hoc or historical graphs on the fly using the intuitive right-click menu, making it easy to build graphs while operating. These graphs allow analysis of multiple datasets simultaneously and support the application of advanced filters for deeper insights, including the ability to sum or subtract data points for comprehensive analysis. Tagging and notes functionality allows operators to identify and track devices, meters, and switches quickly, while accessing tag histories or viewing notes directly on the map provides enhanced operational context. Pre-built displays, including System Summary, Abnormal Summary, and Analog History, provide operators with rapid insights for efficient troubleshooting and comprehensive network analysis.



The System Summary display offers a high-level overview of critical network parameters, enabling quick assessments of system health and performance. The Abnormal Summary provides a consolidated view of all abnormal points, feeders, transformers, meters, and temporary devices in the system. Operators can use built-in filters to quickly narrow results and right-click to locate devices on the map, trace feeders, or ping meters. The Analog History display allows users to view historical trends and analyze changes in analog points over time, supporting data-driven decision-making. These displays are designed for clarity and ease of use, ensuring operators can access actionable information with minimal effort.

Unified Control Made Simple

SmartVU serves as the unified interface for SurvalentONE SCADA, OMS, and DMS applications, consolidating all essential functionalities into a single, intuitive platform. Not only does SmartVU provide operators with real-time network management, but it is also the application used by authorized users to make graphical changes and updates, ensuring seamless integration between operational control and system customization.



With OMS, SmartVU aids efficient outage management by visualizing affected areas, supporting restoration efforts, and providing built-in displays like outage dashboards that help operators quickly assess and manage incidents. Its integration with DMS adds advanced grid management tools, such as load balancing and voltage regulation, while offering intuitive dashboards for monitoring and optimizing grid performance. These built-in displays streamline workflows and ensure users can access critical information at a glance, making operations more efficient and effective. This unified platform improves situational awareness, simplifies workflows, and ensures reliable network performance.

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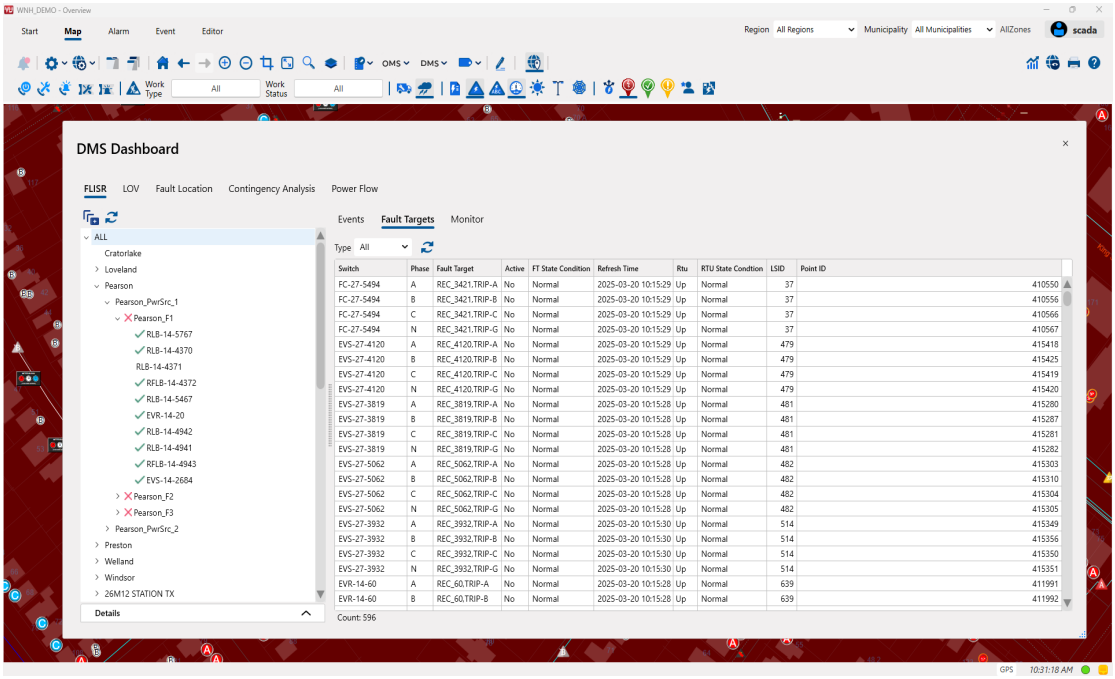

Key Benefits

- **Streamlined Management**
  Simplified navigation and intuitive tools help operators work efficiently.
- **Informed Decision-Making**
  Access to real-time data, detailed visualizations, and actionable insights ensures timely, accurate decisions.
- **Increased Productivity**
  Multi-user editing, configurable layouts, and keyboard shortcuts enable faster workflows and better collabration.
- **Comprehensive Data Accessibility**
  Integrated features like tagging, widgets, and pre-built displays ensure operators have the information they need at their fingertips.

Key Features

- **Comprehensive Tabbed Interface**
  Organizes essential tools like maps, alarms, events, and editing features within an intuitive tabbed layout, enabling seamless navigation and efficient operations.
- **Dynamic Map Visualization**
  Provides real-time grid views, allowing operators to monitor, control, and analyze network elements with flexible zoom levels, detailed device data, and customizable layers.
- **Streamlined Alarm and Event Management**
  Offers prioritized alarm displays and detailed event histories, promoting quick responses, situational awareness, and accountability.

- **Integrated Control Panels**
  Allows operators to manage and operate field devices directly from the interface for precise and real-time control.
- **Powerful Data Analysis Tools**
  Features Trend Graphs for ad-hoc and historical data analysis, advanced filtering, and real-time insights to enhance decision-making.
- **Pre-Built Displays**
  Includes System Summary, Abnormal Summary, and Analog History views for effective troubleshooting and network analysis.
- **Configurable Workspace**
  Enables operators to save and reload workspace configurations, personalize layouts, and adjust views to suit operational needs.
- **Multi-User Editing and Collaboration**
  Supports simultaneous map updates with logs of changes, ensuring efficient teamwork and reduced project timelines.
- **Integrated SCADA, OMS, and DMS Application**
  Seamlessly combines SurvalentONE systems for outage management, anomaly detection, and grid optimization, providing a unified operational platform.
- **Enhanced Accessibility and Usability**
  Offers light and dark modes for varying environments, drag-and-drop functionality for flexible workflows, and intutive keyboard shortcuts for quick operations.
- **Advanced Tagging and Notes**
  Facilitates adding notes to meters and both tagging and adding notes to devices and switches, with accessible histories for improved operational context and monitoring.
- **Flexible Viewing Options**
  Supports multiple windows, docking capabilities, and configurable magnified views, ensuring operators have critical information at their fingertips.

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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