

SurvalentONE

Project Development System

An Offline Development &
Quality Assurance Environment



Survalent.

Safeguard Your Production Environment

Introducing new technology into your operations environment without proper testing is fraught with risk. You run the risk of misconfiguring your system, spending countless hours troubleshooting problems, dealing with upset users, executives, and customers, and reducing the productivity of your operators.

The Project Development System (PDS) gives SurvalentONE users the ability to design, test, and approve proposed changes to their ADMS environment before publishing them to the production system.

PDS allows you to easily establish an efficient, quality assurance process for vetting and approving development work before it goes live in your production environment, eliminating potential sources of error, and maximizing system reliability.

Create an Ultra-Realistic, Easy to Use Test Environment

Working in the PDS is just like working in production because you have access to the same, familiar tools that you're used to using in the SurvalentONE platform. The only difference is that you have a separate offline environment to make changes to the GIS Wizard, Survalent Explorer and SmartVU that won't impact your production environment.

To verify that the network model, database, and graphics in the ADMS are configured correctly before the changes go live, the PDS can be enabled for point-to-point testing to field devices such as RTUs, IEDs or gateways. You can even set up your PDS projects to receive near real-time data from the production server, creating an ultra-realistic test environment with up-to-date displays.

Better, More Efficient Collaboration

The PDS makes it easy for you to organize tasks, coordinate with other team members, manage the approvals process, and publish approved projects in the production system. It uses a sophisticated reservation mechanism to collect database and display edits into change orders or 'projects'.

Your team can work on the same project simultaneously without making conflicting changes because the reservation system locks database edits at the object level and displays edits at the graphics or file level. No one else can edit a file while it is checked out in the PDS.

Even if work is checked out, team members can still open files on a read-only basis to review edits, evaluate a design, check a colleague's work, or find information. PDS allows everyone to stay on the same page.

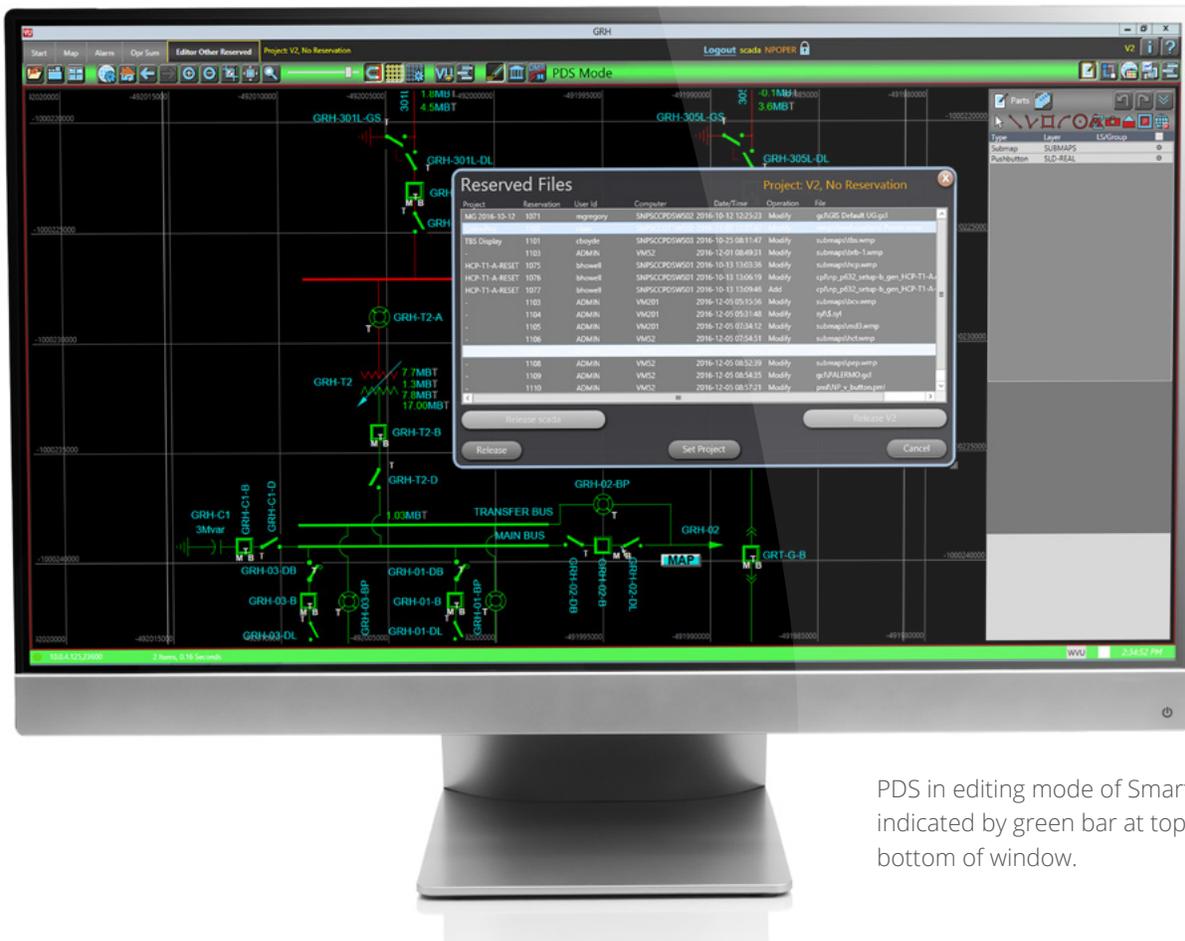
Benefits

- Potential issues in the production environment are mitigated since testing is done in the offline environment
- Clear, demonstrable separation of development and production activities
- Streamlined workflow, as multiple users can work simultaneously within the PDS
- Ease of collaboration and information sharing
- Improved team efficiency and productivity

Key Features

- ADMS tools for editing, visualizing, and operating the system are available in an offline environment
- Advanced reservation system for managing changes
- Revision history showing all database and display edits
- Dedicated PDS Server—single or dual-redundant* operation
- PDS can receive real-time updates from the production system with the Data Forwarding* application
- Full integration with the GIS import process – changes are tracked, logged, and available for audit reporting
- Easy installation and setup

*Additional license required.



PDS in editing mode of SmartVU, indicated by green bar at top & bottom of window.

Control your critical network operations with confidence

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

Over 600 utilities in 30 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 unwavering commitment to excellence and to our customers has been the key to our success for over 50 years.

“We chose Survalent because of familiarity, ease-of-use and their reputation for excellent customer service. We have not been disappointed.”

- Warren Rural Electric Cooperative

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