

SurvalentONE

GIS Import Software & Services

Import, Manage, Update & Use
GIS Data with Confidence in
Your ADMS



Survalent.

Import clean and accurate spatial and non-spatial GIS data for use in your SurvalentONE ADMS

SurvalentONE GIS Wizard, import tools and services are designed to help utilities easily integrate GIS data with SurvalentONE SCADA, OMS, and DMS applications. Use the GIS Wizard's robust validation capabilities to evaluate your GIS data and ensure errors are resolved before they go live in your system.

By importing your GIS data, advanced applications such as OMS and FLISR have the foundation they need to read the topology processor and network characteristics correctly.

The Value of Integrating GIS Data into Your Control Room Applications

Utility control rooms rely on maps and spatial data to manage power distribution and quickly restore power to areas affected by outages. A GIS is a rich source of geographic information and, when integrated with applications monitoring and controlling the network, can improve field crew safety, increase control room productivity, and reduce operational costs for utilities.

SurvalentONE GIS Wizard is a comprehensive data export, validation, and management solution that lets you bring high quality GIS data into your SurvalentONE ADMS platform (SCADA, OMS, and DMS).

Why Should You Integrate GIS within Your ADMS?

GIS is an application used by many utilities to capture, store, manipulate, analyze, manage, and present geographical data and spatial relationships. While it provides value for asset management, it's just one component of the network monitoring and management performed by utilities.

By integrating GIS with SCADA, OMS and DMS applications, utilities can:

- **Improve situational awareness and operational performance with a combination of real-time SCADA data on a geographic view of the distribution network**
- **Know when to notify specific customers about outages based on data about the phasing of each transformer**

SurvalentONE GIS Wizard

The GIS Wizard is the heart of Survalent's GIS import, validation, and management capabilities. The application translates spatial and non-spatial data from your GIS system and prepares the data for import into your SurvalentONE ADMS for use by your SCADA, OMS, and DMS systems. This ensures that your operators know precisely where your customers and devices are located for improved situational awareness and decision-making.

A user-friendly interface lets you map GIS data to the relevant fields and easily view the information. Comprehensive data validation capabilities identify any potential errors or warnings that could impact the data import into the ADMS. Errors are flagged by the GIS Wizard and listed in assessment reports so that your team can review and correct them prior to the import. This is critical for utility control room operations, as any errors in the GIS data could interfere with import, map accuracy, or grid operations.

The Scheduler function included in the GIS Wizard makes it easier for you to export data at a specific time. You can run one or more export jobs automatically at the ideal time for your utility without ongoing manual intervention; all flagged errors and warnings will be saved as a report. If desired, the GIS Wizard can notify authorized users by email once a job is complete and provide a copy of the report.

Survalent GIS Evaluation & Import Services

GIS Evaluation Services

Before importing your GIS data into your ADMS applications, it's critical to ensure the data is correct and complete. Survalent GIS Evaluation Services help you determine the fitness of your GIS data by running validation checks to ensure the consistency and accuracy of the data, and generating a detailed report of warning and error messages to resolve prior to the initial import.

GIS Import Services

Once you're confident in the quality of your GIS data, it's time to complete the process by importing the data into your Survalent ADMS. A Survalent GIS specialist will perform the initial import of the GIS feeder connectivity model, distribution transformers, service locations, and network model from the GIS Wizard into your SurvalentONE ADMS database.

Services also include import of the service territory map, graphics configuration, guidance on how to remedy issues, and training on how utility operators can re-import GIS data on their own.

GIS Refresh Import Services

Utilities rely on accurate data. Should you not have the time or resources to perform future imports in-house, Survalent's GIS Refresh Import Services can ensure your ADMS is up-to-date with your current GIS data.

A GIS Specialist will re-import your feeder connectivity model, distribution transformers, and service locations from your GIS into SurvalentONE ADMS. Using the GIS Wizard, the specialist will run the new data through validation checks to ensure data is accurate and complete, guide you through fixing any errors, and then import the clean data into your ADMS.

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. The company's 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.

“Electric utility people don't use the words 'good' and 'reliable' lightly. We just don't throw those words around very often. But with Survalent, it's well-deserved.”

- Central Georgia EMC

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