



Telvent Smart Grid Solutions Suite: ArcFM Enterprise GIS

Your Corner of the Smart Grid Starts Here

Manage a smarter utility with Telvent ArcFM Enterprise GIS

The key to the electric distribution system of the future — the Smart Grid — is reliable intelligence. Telvent delivers this today, through the Telvent ArcFM Enterprise GIS solution for utilities.

A powerful extension of ESRI's ArcGIS® platform, Telvent ArcFM Enterprise GIS provides a graphical, data-rich environment, displaying the information utilities need for maximum reliability and efficiency. Developed as a complete enterprise solution for an entire organization, Telvent ArcFM Enterprise GIS offers a map-centric, intuitive way to model, design, maintain and manage facility, and land based information.

And because geographical information is built into the map data, your asset changes and updates are more apt to operate appropriately under the conditions in the geography, reducing the chance of outages and increasing reliability for your customers.

You can't have a Smart Grid with dumb data

Telvent ArcFM Enterprise GIS fits into the overall information technology vision of modern utilities through the use of open databases, industry-standard programming environments, and component object model (COM) architecture. Thanks to its open architecture, the system is highly configurable and easily adapted for multiple uses. Plus, it's scalable, so you can use it in a single department, or as a multi-departmental enterprise tool for creating, managing and disseminating utility information.

With the integration and a single geo database behind Telvent ArcFM Enterprise GIS, you'll have one version of the truth reliably informing a variety of critical functions, such as dispatching, troubleshooting, engineering analysis, planning, reporting, customer service, and even media relations during outages. Add optional plug-in modules, and Telvent ArcFM Enterprise GIS can be taken to the field by technicians on mobile devices, who can note any changes in geographical features, such as new housing developments and road construction — and make immediate updates for up-to-the-minute accuracy.

Telvent ArcFM Enterprise GIS's open database can also link to other CIS and ERP solutions, such as SAP and



traditional business software — an invaluable resource for understanding utility assets.

Electricity is just the beginning

Eventually, every utility industry — telecommunications, water, natural gas, and even wastewater management — will use an advanced network to facilitate two-way data transfer and deliver highly detailed, geography-based information. Telvent ArcFM Enterprise GIS serves as the foundation for an intelligent network infrastructure that improves efficiencies, increases safety, and enables smarter business decisions for all types of utilities.

With Telvent ArcFM Enterprise GIS deployed at some of the largest and smallest utilities in the world, Telvent is the industry leader in GIS solutions for the industry. We'll help you integrate Telvent ArcFM Enterprise GIS into your operations, smoothly and efficiently — ensuring that it's deployed to optimal scale and functionality — giving you the most impact for your investment.

Take another step closer to the Smart Grid

Telvent ArcFM Enterprise GIS is just one component in our Smart Grid Solutions Suite, a comprehensive toolset created to help you efficiently plan, design and reliably operate the grid. With capabilities that include data collection and monitoring, grid analytics, rules-based economic decision making tools, and the ability to integrate with traditional business software, the Telvent Smart Grid Solutions Suite can help your utility transition into a next-generation energy provider.



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