

# ArcFM™ Enterprise GIS

Schneider Electric Smart Grid Solutions Suite

Your Corner of the Smart Grid Starts Here



Make the most of your energy<sup>SM</sup>

**Schneider**  
Electric™

# ArcFM™ Enterprise GIS

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

A powerful extension of ESRI's ArcGIS® platform, Schneider Electric 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, ArcFM 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

ArcFM 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 ArcFM 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 ArcFM 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.



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ArcFM 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. ArcFM 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 ArcFM GIS deployed at some of the largest and smallest utilities in the world, Schneider Electric is the industry leader in GIS solutions for the industry. We'll help you integrate ArcFM 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**

ArcFM 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 Schneider Electric Smart Grid Solutions Suite can help your utility transition into a next-generation energy provider.

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