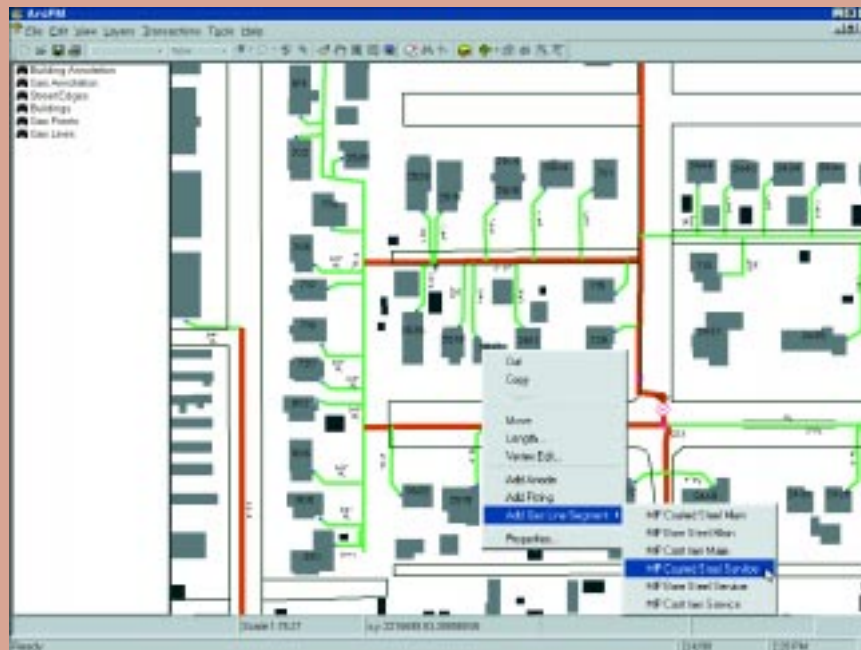




# ArcFM™

**A Complete Solution for the Utility Industry**



by ESRI



## A Complete Solution for the Utility Industry

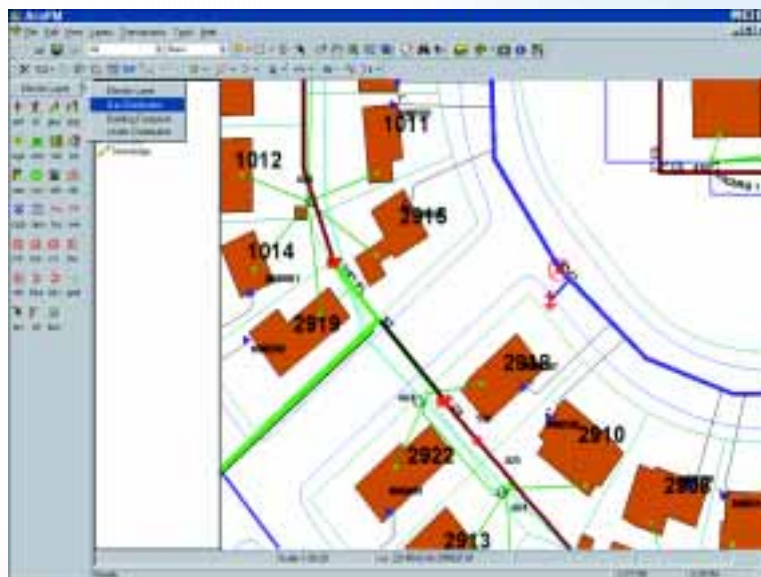
Arc Facilities Manager (ArcFM™) is a powerful new ARC/INFO®-based application for the editing, maintenance, modeling, and data management of utility information. ArcFM is all-relational utility application software developed using ARC/INFO software's Open Development Environment and object-oriented programming.

### Designed for Utilities

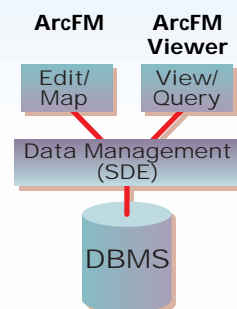
ESRI, with business partner Miner and Miner, has designed ArcFM to meet the data management needs of electric, gas, water, and wastewater utilities and other organizations working with network and land base data.

ArcFM provides a complete solution for utilities including powerful data management and editing capabilities for facility and land base data such as core editing, modeling, and data management of an enterprise system. Editing functionality includes fast geometric coordinate geometry commonly associated with map feature management without add-on programming or customization.

Whether beginning a new utility system or migrating from existing ARC/INFO data and applications, ArcFM gives managers, developers, and end users a ready-to-use solution that can be used as is or tailored to meet specific business and operational needs.



### The Solution



*With ArcFM, utilities have a powerful tool to jump-start an AM/FM system, delivering benefits in a fraction of the time of traditional applications development*



## **Facilities Management Made Easy**

ArcFM software's standard templates for utilities include a data model and business rules stored in a technology-independent data architecture ready to be used off the shelf, or modified with a powerful applications development/maintenance interface. Whether it's a gas utility looking for abandoned pipes, a water utility tracking leaks, an electric utility searching for problem cable lines, or a local government agency improving its parcel-level land base data, organizations using ArcFM will have an advanced method for performing their tasks.

## **Based on Standards**

ArcFM is Windows NT® based and uses Visual Basic® as its programming environment. ArcFM is built on an open framework and includes a number of important features, such as

**Object Orientation:** Because ArcFM is built using object-oriented programming, modifying and maintaining the business rules that drive applications are made simple.

**All Relational:** ArcFM is all relational, and comes with powerful features including support for long and short transactions in a true versioning solution built with ESRI's Spatial Database Engine™ (SDE™) technology.

**Open Platforms:** ArcFM features the very latest in open technology that brings a wealth of power to utility users including open hardware and software standards, open database support, and an open application program interface (API).

**Extendable Architecture:** BaySys Technologies, one of ESRI's strategic partners, will be a key organization that extends ArcFM for the water/wastewater industry. Partnerships such as these will give utilities highly focused solutions.

**Easy Integration:** ArcFM can easily integrate with customer information systems, work management systems, SCADA, or any other existing information system used by utilities including major vendor solutions such as CustomerOne, Logica, and SAP.

**The RuleBase Engine:** ArcFM comes with a complete data architecture, called the RuleBase Engine, for controlling feature behavior. It gives users one common, customizable methodology for the data model, data control, and interface. The methodology covers symbology, data editing, data management, data connectivity, and validity rules.



For more than 25 years ESRI has been helping people manage and analyze geographic information. ESRI offers a framework for implementing GIS in any organization with a seamless link from personal GIS on the desktop to enterprisewide GIS client/server and data management systems. ESRI GIS solutions are flexible and can be customized to meet the needs of our users.

ESRI is a full-service GIS company, ready to help you begin, grow, and build success with GIS.

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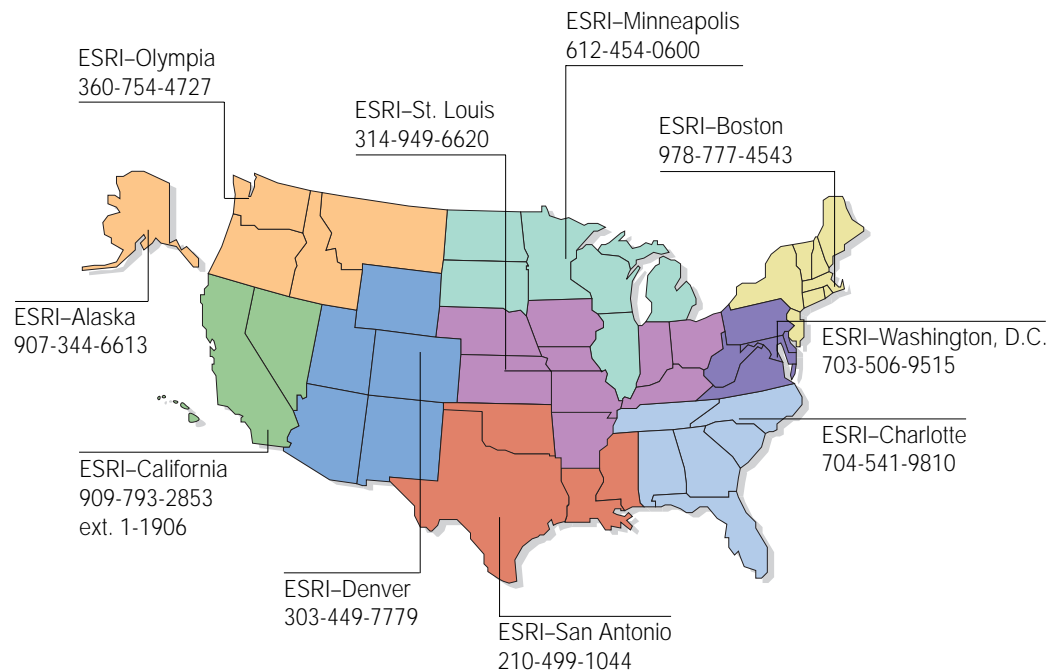
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