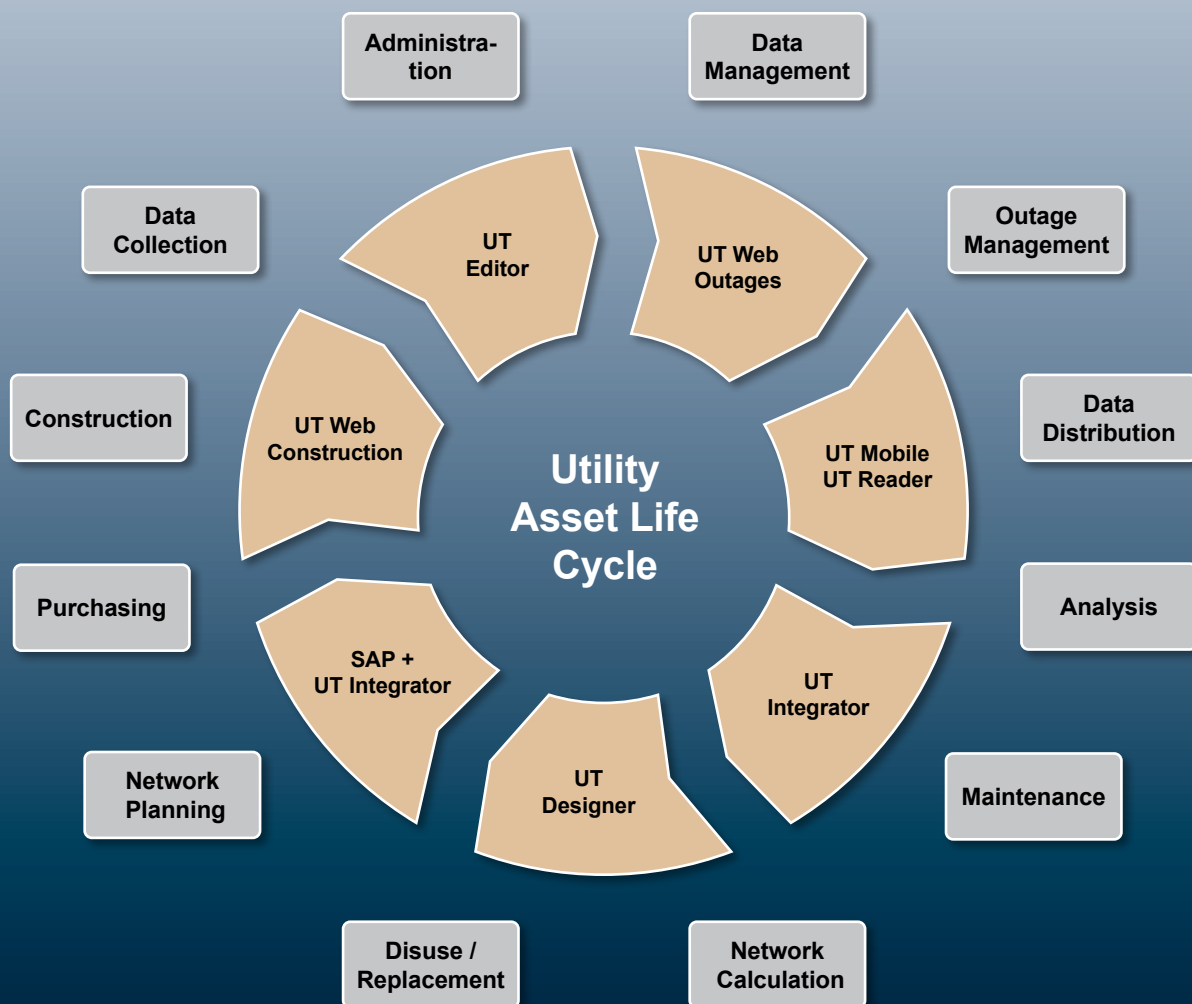


ArcFM UT

The Standard GIS Application for Utilities, based on ESRI Technology

ArcFM™ UT is one of the most feature-rich GIS products for multi-utilities on the market. With it, we are offering over 25 years of experience: ESRI® is the world-leading GIS Company and AED-SICAD has extensive experience with the development of GIS standard software for the utility industry. These bundled forces made us a partner of all sorts of energy companies – from small municipal suppliers to international multi-utilities, operating all kinds of data (electricity, gas, water, sewage, district heating, telecom and basemap). With ArcFM UT, these professional users have a versatile and powerful platform for all spatial processes – both within the companies themselves and with enhanced added value coming from services provided for third parties.



ArcFM UT is more than just a network documentation solution. The family of ArcFM UT products is built and designed to manage your company assets through their entire life cycle. Different modules of the entire solution can be used at the different stages of the life cycle:

- Capturing the data
- Documenting the network
- Viewing the data
- Operating the network with the data
- Maintenance of the network and its devices
- Planning and designing new network parts
- Provisioning the realization of these new networks and tracking projects when the new networks are built

ArcFM UT

Reasons for Being the Number One Utility Application

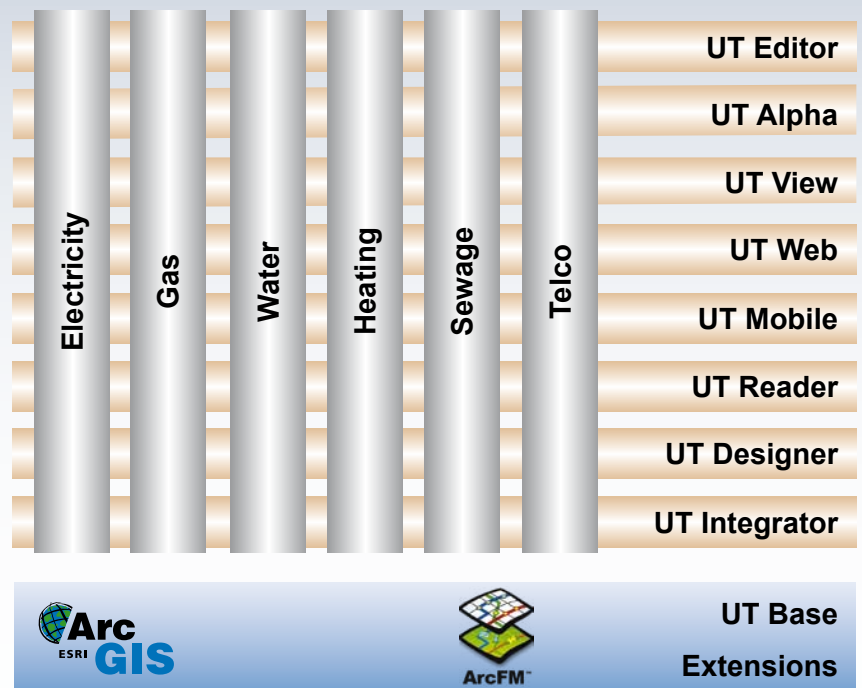
AED-SICAD has a deep understanding of the workflows within utility companies – based on two decades of experience in the market. We closely cooperate with our customers in terms of product development, thus considering their requirements right from the start. Our main goal is to adapt our software to the business processes and not vice versa. Therefore, the integration ability with other key systems in utilities is of major importance to guarantee a smooth workflow. Add to this the professional applications for mobile use of Geodata, Web and Portal solutions, comfortable work features – and all this based on the world's leading GIS base technology by ESRI – and you buy best of breed.

This is what you will get:

- **One single component based architecture**
 - » Configurable: Only buy what you need
 - » Scalable: The customer can grow and expand
 - » Leveraging components and flexible solution design
 - » Use of standards and complete system openness
- **Easy to implement, maintain, customize and integrate with external enterprise IT systems**
 - » Short implementation cycle
 - » Embedded utility engineering knowledge
 - » Minimum effort during update
- **Workflow oriented GUI reduces amount of mouse clicks by 80%**
- **Stand-alone ArcFM UT Alpha module allows synchronous/asynchronous data capture**
- **AED-SICAD experience**
 - » 25 years of experience in GIS development and large infrastructure projects
 - » 10 years of experience in utility application development and implementation
 - » Largest European utility GIS application company
 - » Broad customer base world-wide

Helps cutting costs

- » Minimizing customer specific development reduces risks and maintenance costs
- » Release compatibility and low update costs
- » Efficient workflow oriented user interfaces save data entry and editing costs
- » The planning tool UT Designer and the link to business management applications reduce the time spent on planning operations
- » Resources are efficiently evaluated and weaknesses identified
- » In connection with SAP, you can manage maintenance and inspection data with network objects and prepare and optimize repair processes.



AED-SICAD: Commitment to your Success!

Contact:

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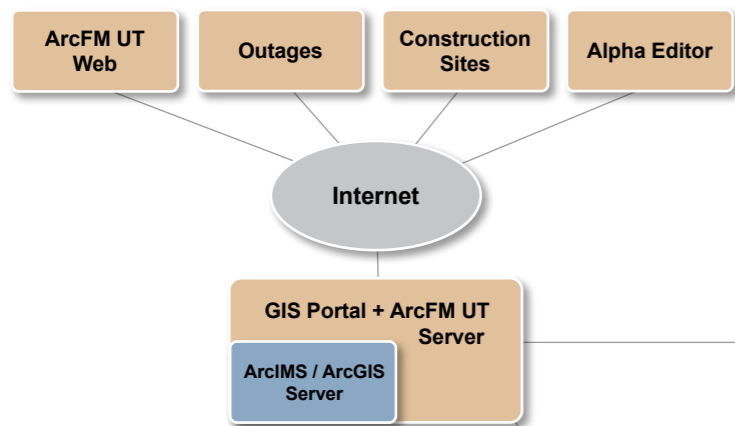
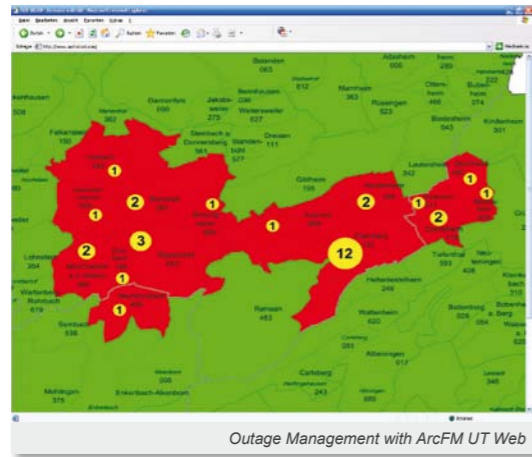
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Data Distribution with Web Technology

ArcFM UT Web as well as the cross-sector product AED-SICAD GIS Portal enables you to distribute data easily to users within or outside your company. The applications are based on ArcIMS or ArcGIS Server technology. There are three major extensions on top of this application combination:

- A Construction Site Information System, helping the utility to provide information to authorized users
- An Outage and Crisis Management System as an environment to support decision makers with information during a storm
- Alpha Editor with the capability to edit attribute data directly in the ArcSDE database.

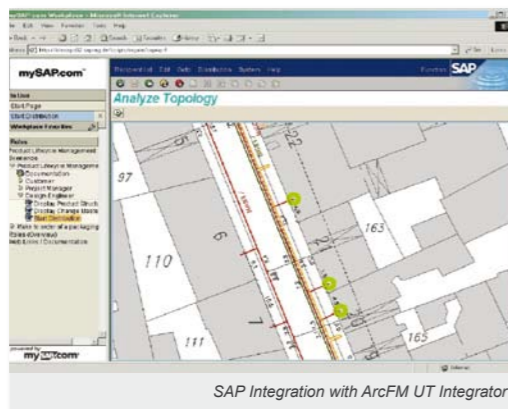
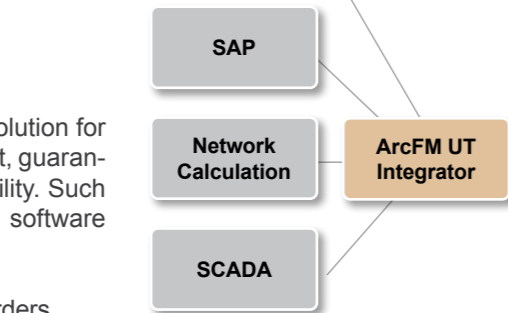


More than just Network Documentation

ArcFM UT is a complex integration solution for enterprise wide process management, guaranteeing a smooth workflow within a utility. Such a workflow involves all specialized software needed in a utility company, like:

- ERP systems for handling work orders, human resources, financial and business related network information, like SAP
- Network calculation systems for planning new networks, e.g. SINCAL, STANET, Neplan
- Network operation systems for distribution and outage management (SCADA and OMS), like PRINS®.

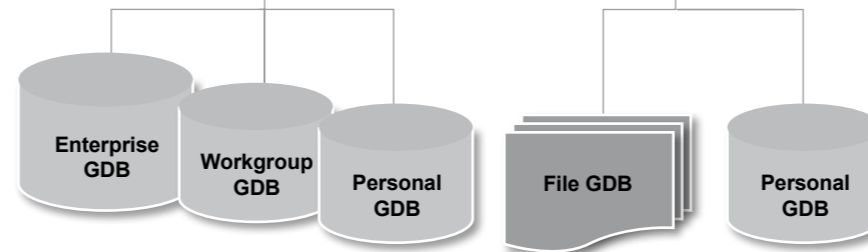
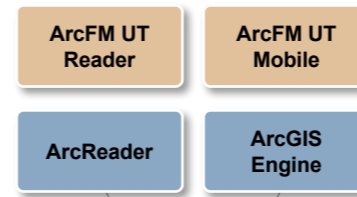
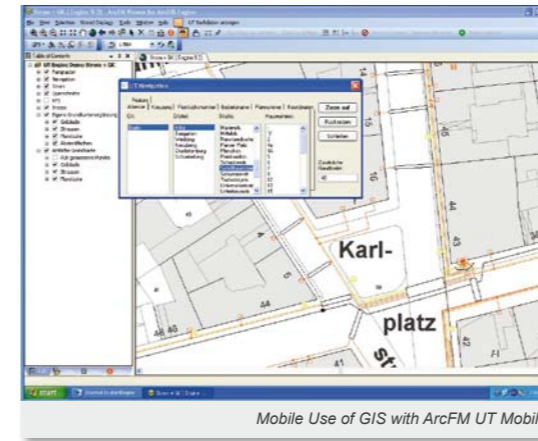
ArcFM UT Integrator allows you to integrate all these applications in one continuous workflow.



Mobile Use of GIS in the Field

Mobile use of GIS for service, maintenance and construction work is of increasing importance for utilities. It touches their key processes, such as maintenance in the field and on-site asset management. Also, you may need to route your service engineers to the assets they have to maintain or fix after an outage call. ArcFM UT offers scalable mobile solutions:

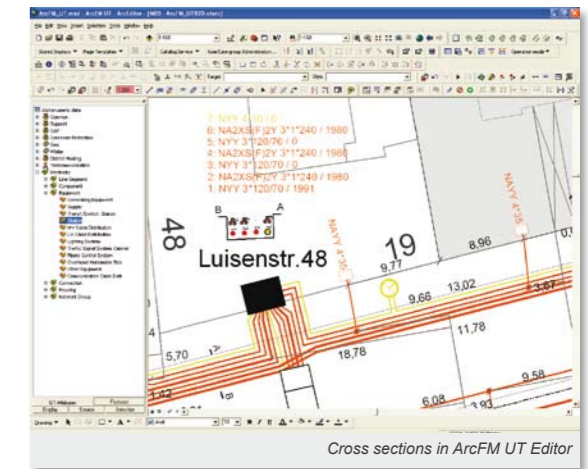
- ArcFM UT Mobile based on the ArcGIS Engine technology provides a high-speed viewer application on a laptop. Dedicated mobile workflows are integrated in the product.
- ArcFM UT Reader, our free of charge mobile reader product for publishing your data.
- ArcFM UT Web, our Internet or Intranet browser.



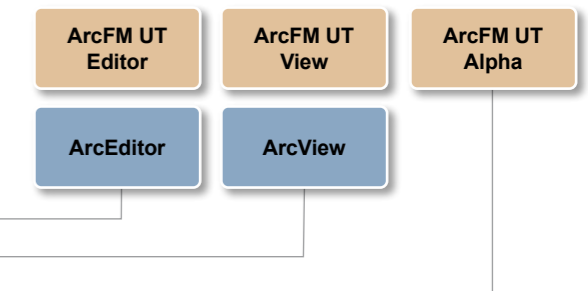
Databases, Data Models and Applications

The modern ArcGIS architecture provides access to many different kinds of relational databases. All spatial data are stored inside the database. We call it the GeoDataBase. There are GDB's for the enterprise level, for groups of about ten units and the personal GDB, all handled within a professional RDBMS. For high-speed access and to avoid database management ArcGIS can also handle file based GDB's. Especially for mobile use this is preferred. ArcFM UT users can combine electricity, water, gas, district heating, wastewater and telecommunication networks together with uniform user interfaces and cross-sector data models. ArcFM UT is a family of workflow oriented product modules that help you in your work.

Smart Functions for Editing and Analysis



Editing is one of the most frequent tasks in a utility's GIS department. Users expect the software to provide maximum support and comfort. Therefore, ArcFM UT offers numerous functions for a smooth editing workflow, like for example:



- Catalog Services – to minimize the amount of mouse clicks and to improve the workflow
- Smart editing with Stencils – templates that are used in numerous graphical functions for object creation and editing
- Cross Sections as a smart way to describe the content of conduits
- Inside Plant facility management
- Extensive features for Dimensioning and Construction
- Scale dependent editing, when capturing networks in areas with many graphical objects
- Editing functions for alphanumeric data

