

Services for your geospatial investments

In an industry driven by change, utility companies have to improve profitability by lowering costs and increasing operational efficiency. Utilities are automating more of their work processes or updating their legacy systems and making substantial investments in an integrated suite of geospatial applications – geographic information systems (GIS), work management systems (WMS), mobile data systems (MDS), outage management systems (OMS), third-party analysis packages, and other related technologies such as CIS and SCADA. The services of a systems integrator become a critical prerequisite to the successful implementation and integration of these systems.

A systems integrator focuses on the design, delivery, and maintenance of integrated application suites.

MESA Solutions further defines systems integration as the planning, design, implementation, integration, and management of projects that include one or more of the above-mentioned applications as well as integration among the applications and with “corporate” systems such as finance and human resources.

Providing options

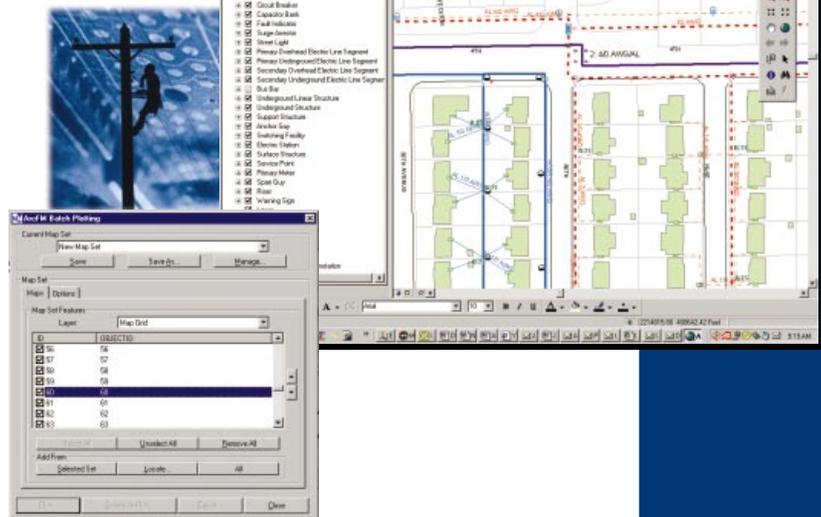
As a premier IT services provider to electric, gas, and water utility companies – MESA offers a number of service options to implement, expand, and/or integrate geospatial network management solutions. Partnering with ESRI and Miner & Miner, MESA provides end-to-end solutions and services.

- Assess, design, and implement new systems
- Expand existing system to fully leverage GIS
- Integrate GIS with existing systems
- Upgrade legacy AM/FM/GIS and CAD-based systems to ESRI's ArcGIS™ platform, including AutoCAD® and MicroStation®

Client collaboration

Through collaborative customer partnerships, we determine project scope and deliverables – then balance, prioritize, prepare and execute an adaptable project plan to ensure successful installation and implementation.

Our consulting role includes our clients at every step. The entire process is a collaborative effort, combining our clients' knowledge of their company and customers with our collective knowledge gained from extensive experience in implementing and integrating GIS into the utility enterprise.



Services portfolio

MESA offers services ranging from management consulting to enterprise systems implementation. Our industry consultants can work with you in all phases of the GIS implementation process. The transfer of our in-depth industry, process, and technical knowledge to your organization means that your systems implementation and integration goals are well defined, achievable, and successfully delivered. Specific areas of expertise include:

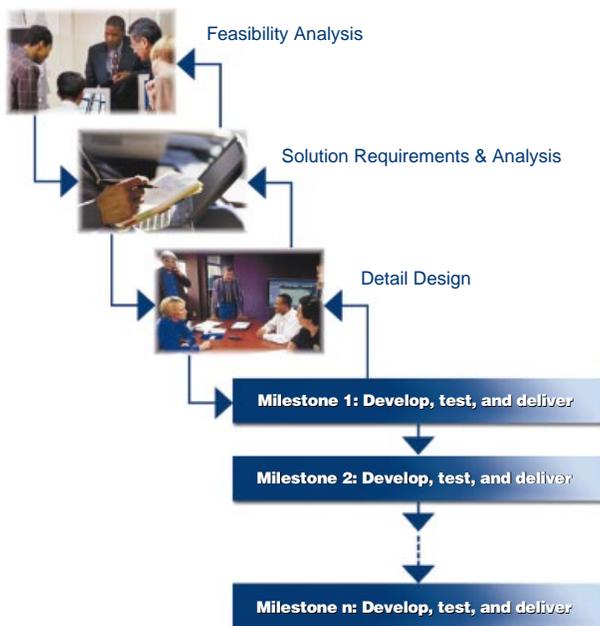
- Feasibility assessment
- AM/FM/GIS planning
- Data and systems integration
- Data and application quality assurance
- Project management and control

- Fast ArcFM™ project startup services
- Definition and delivery of project-specific customization, including custom tool-application development
- Installation planning
- Integration with existing in-house systems
- Database implementation and population
- Legacy system migration
- Data conversion and data migration services

Project management

Project scopes may range from individual phases to total enterprise solutions. MESA strives to provide services that are clearly defined, delivered on schedule, and meet your expectations. Progressive IT methods and leading edge technology provides the most cost-effective and efficient service possible – putting useful functionality into the hands of our customers faster.

Best Practices – MESA applies the staged-delivery model to manage the life cycle of each project and to deliver quality solutions tailored to your specific needs. This process defines clear objectives and utilizes an incremental delivery process to expedite the entire project implementation process.



MESA's project management team delivers structured, practical solutions with full supporting documentation to cover all aspects of the project life cycle. We work with you to determine project scope and deliverables, and then prepare an execution strategy for a successful installation and implementation.

We perform strict testing both in the factory and on site during project execution and handover to ensure users can confidently operate and support the system. Then we transfer technology skills and knowledge in a timely manner to be sure our fast-track clients stay on target.

Industry expertise

The industry experts at MESA are keenly aware of the challenges facing the utility industries. To be successful, utilities must apply technology where the greatest operational gains can be realized. MESA stakes its reputation on delivering projects on time, with professional attention to detail. MESA provides the informational foundation utilities require to successfully leverage spatial data throughout the enterprise.

About MESA Solutions

MESA Solutions Inc., a Telcordia™ Technologies subsidiary, delivers geospatial solutions and services to the communication and utility industries worldwide. MESA's flagship solution, Telcordia™ Network Engineer, is the next generation GIS for the communications industry – an engineering application allowing providers to document and maintain outside plant fiber, copper, coaxial, and wireless networks with detail views of inside plant equipment.

MESA's utility practice specializes in services specific to electric, gas, and water companies – for rapid implementation and integration of ESRI technologies and Miner & Miner's ArcFM suite of products. Applying integrated geospatial industry solutions increases operational efficiency and improves customer service.

For more information on MESA Solutions services contact:



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Services for your geospatial investments

In an industry driven by change, communications companies have to improve profitability by lowering costs and increasing operational efficiency. Telcos are automating more of their work processes and as a result, are turning to integrated information systems. Often there is a substantial investment in an integrated suite of geospatial applications – geographic information systems (GIS), work management systems (WMS), fleet tracking systems, third-party analysis packages, Operations Support Systems (OSS) and other related Information Systems technologies. The service of a systems integrator becomes a critical prerequisite to the successful implementation of these systems.

As a successful systems integrator, MESA Solutions focuses on the design, delivery, and maintenance of integrated application suites. This includes the planning, design, implementation, integration, and management of projects that may include one or more of the above-mentioned applications. In addition, many enterprise-wide solutions require integration of the geospatial database with “corporate” systems such as finance and human resources.

Providing options

As a premier geospatial services provider to communication companies, MESA provides a number of service options to implement, expand, and/or integrate geospatial network management solutions. MESA offers project planning, database design, data migration management, and customization services for the Telcordia™ Network Engineer product line and for the Telcordia OSS suite of communications applications.

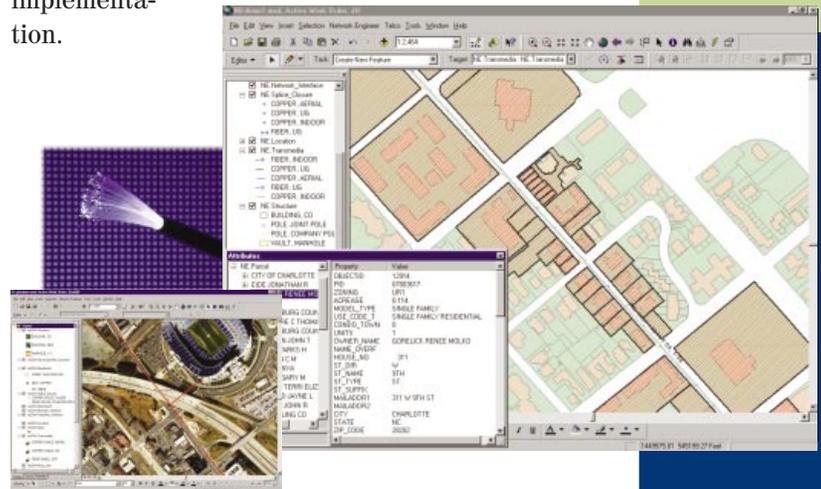
- ☑ Assess, design, and implement new systems
- ☑ Expand existing system to fully leverage GIS
- ☑ Integrate GIS with existing OSS software
- ☑ Update legacy GIS and CAD-based systems to ESRI's ArcInfo 8 platform

Client collaboration

Through collaborative customer partnerships and a proven project methodology, we determine project scope and deliverables – then balance, prioritize, prepare and execute an adaptable project plan to ensure successful installation and implementation.

Our consulting role includes our clients at every step. We combine our clients' operational requirements with our collective knowledge gained from extensive experience in implementing and integrating GIS into the telecom industry.

This ensures that your project meets your needs while providing 'best of breed' system implementation.



Services portfolio

MESA offers services ranging from management consulting to enterprise systems implementation. Our industry consultants can work with you in all phases of the GIS implementation process. The transfer of our in-depth industry, process, and technical knowledge to your organization means that your systems implementation and integration goals are well defined, achievable, and successfully delivered. Specific areas of expertise include:

- Feasibility assessment
- GIS landbase and telco database planning
- Data and system design
- Data and application quality assurance

- Project management and control
- Fast Telcordia™ Network Engineer project startup services
- Definition and delivery of project-specific customization, including custom application development
- Installation planning
- Integration with existing in-house systems
- Database implementation and population
- Legacy system migration
- Data conversion and data migration services

Project management

Project scopes may range from individual phases to total enterprise solutions. MESA services are clearly defined, delivered on schedule, and meet your expectations. Progressive IT methods and leading edge technology provide cost-effective and efficient systems implementation services – putting powerful network management functionality into your hands faster.

Best Practices – MESA applies the staged-delivery model to manage the life cycle of each project and to deliver quality solutions tailored to each client’s specific needs. This ensures clear



objectives and utilizes an incremented delivery model to expedite the entire project.

MESA’s project management services deliver structured, practical solutions with full supporting documentation to cover all aspects of the complete project life cycle. We work with you to determine project scope and deliverables, and then prepare an execution strategy that will ensure successful installation and implementation.

We carry out rigorous testing both in house and on site during project execution and handover so that users can confidently operate and support the system throughout the project life cycle. Then we transfer technology skills and knowledge to your staff to be sure your project stays on target.

Industry expertise

The industry experts at MESA are keenly aware of the challenges facing the telecom industry. To be successful, telcos must apply technology where the greatest operational gains can be realized. MESA stakes its reputation on delivering projects on time, with professional attention to detail. MESA provides the informational foundation you require to successfully leverage spatial data throughout the enterprise.

About MESA Solutions

MESA Solutions Inc., a Telcordia™ Technologies subsidiary, provides geospatial network solutions and services to the communication and utility industries worldwide. For the communications industry, MESA specializes in implementing Telcordia™ Network Engineer. This powerful tool is the next generation GIS for the communications industry – a network management application allowing providers to document and maintain outside plant fiber, copper, coaxial, and wireless networks with detail views of inside plant equipment. MESA’s utility practice specializes in services specific to electric, gas, and water companies – for rapid implementation and integration of ESRI and Miner&Miner’s suite of products.

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