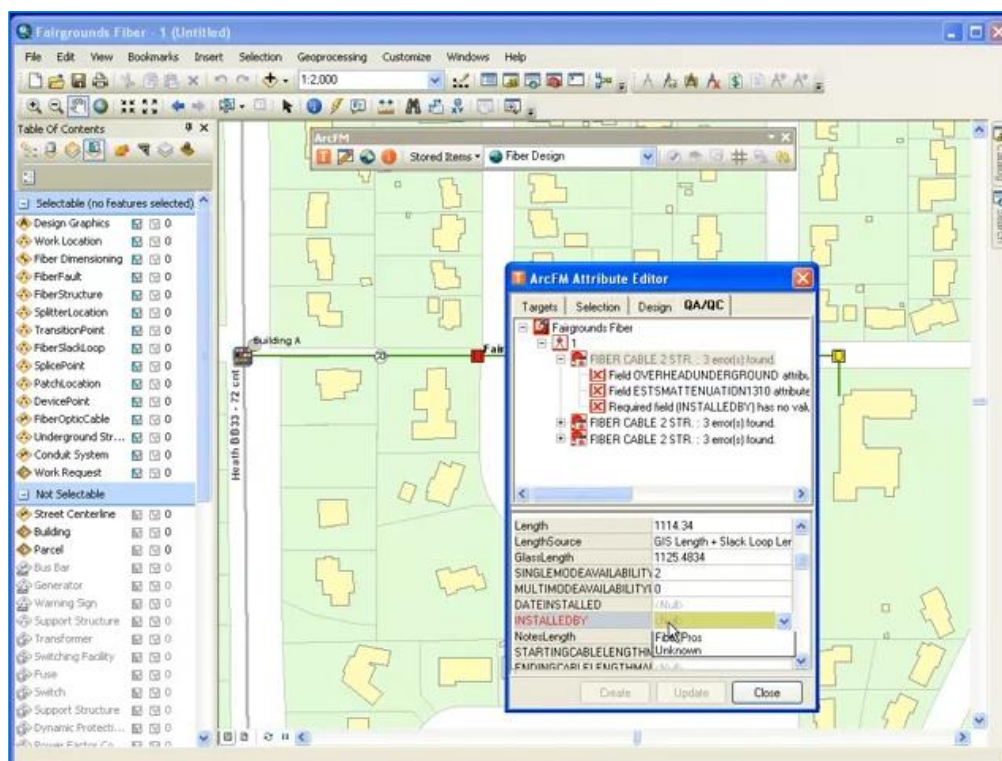




GE078: Configuring ArcFM

Training Description:

This Configuring ArcFM training course is crucial for organizations in the utility sector (electric, fiber optic, gas, water) who leverage this GIS software. By properly configuring ArcFM, users gain the ability to customize the platform to their specific network infrastructure and data management needs. This tailored approach unlocks a range of benefits. First, it streamlines workflows by automating repetitive tasks and ensuring data is captured and stored in a way that aligns with the organization's unique requirements. Second, it fosters data accuracy by establishing clear protocols for how features are represented within the GIS. This precise network depiction empowers informed decision-making, allowing for optimized maintenance strategies, efficient resource allocation, and improved service delivery to end consumers. Ultimately, configured ArcFM becomes a powerful tool for maximizing operational efficiency and ensuring the smooth running of critical utility infrastructure.

Training Objectives:

By the end of the training, participants will be able to:

- ✓ Understand the core concepts and functionalities of ArcFM
- ✓ Configure ArcFM components for specific workflows and data models
- ✓ Customize ArcFM applications using configuration tools and scripting
- ✓ Manage ArcFM user accounts, security, and permissions
- ✓ Perform basic troubleshooting and maintenance of ArcFM deployments

Training Designed for:

This course is intended for GIS Analysts, GIS Specialists, GIS Administrators or IT Professionals with GIS experience.

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

DAY ONE:

❖ ArcFM Fundamentals

- Introduction to ArcFM and its role in GIS for utilities and facilities
- Overview of ArcFM architecture and core components (e.g., Model Points, Network Manager, Work Management)
- Hands-on exercises:
 - Familiarization with the ArcFM user interface
 - Exploring data models and feature types within ArcFM

DAY TWO:

❖ Configuring ArcFM Workflows



- In-depth exploration of ArcFM configuration tools (e.g., Component Editor, Automation Engine)
- Configuring network connectivity rules and validations
- Setting up workflows for asset creation, editing, and maintenance.
- Hands-on exercises:
 - Configuring a sample workflow for managing utility poles
 - Building custom validations for network features

DAY THREE:

❖ ArcFM Customization and Development

- Introduction to ArcFM customization options (e.g., Custom Properties, User Exit Points).
- Utilizing scripting languages (e.g., VBA) for advanced customization
- Building custom tools and functionalities within ArcFM
- Hands-on exercises:
 - Creating a custom property for tracking pole material
 - Developing a script to automate data population

DAY FOUR:

❖ ArcFM User Management and Security

- Setting up user accounts and assigning roles within ArcFM.
- Configuring security settings and access permissions.
- Managing user groups and permissions for specific workflows
- Hands-on exercises:
 - Creating user accounts with different access levels
 - Assigning permissions for editing and updating network features

DAY FIVE:

❖ ArcFM Administration and Maintenance

- ArcFM deployment strategies (on-premise, cloud)
- Best practices for maintaining ArcFM performance and data integrity
- Troubleshooting common ArcFM issues and errors
- Hands-on exercises:
 - Simulating and resolving common ArcFM configuration errors
 - Performing basic system maintenance tasks

❖ Course Conclusion

❖ POST-ASSESSMENT and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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