



Smallworld Americas Users Conference



September 8–11, 2010 • Hilton Baltimore • Baltimore, Maryland

2010 Pre-Conference Training Course Descriptions

***Smallworld Electric Office Training* – 2 days (Price \$875)**

- **Audience:** Those who require an overview of the Smallworld Electric Office product. This course is suitable for people new to Smallworld or for existing users wishing to upgrade to the Office Suite.
- **Description:** EO is part of the Office suite of products and the course covers the basics of configuring the product and the standard functionality. This version of the course is a condensed version of the standard 3-day course offering. Students will be provided with a training manual containing the complete set of training slides and exercises. Content will be covered at a slightly higher level to fit within the 2-day window of this offering.
- **Objectives:**
 - Become familiar with Smallworld Electric Office as a user
 - Insert new Electric facilities into the GIS
 - Modify existing GIS data while maintaining network connectivity
 - Build new Electric networks
 - Test integrity of Electric networks
 - Update Phasing of conductors
 - Create analysis reports based on Electric data
- **Modules:**
 - Welcome
 - Inventory Reporter
 - Quick Find
 - Object Editors
 - Area Calculator
 - Line Length Calculator
 - Managing External Files
 - Bulk Update
 - Network Trace
 - QA/QC

- Thematic Mapping (light)
- Audit History
- Distributions Operations
- Transformer Load
- Workflow Manager (light version)

***Smallworld Global Transmission Office Training* (437.50) - Wednesday – 1 day**

- **Audience:** Those who require an overview of the Smallworld Global Transmission Office product. This course is suitable for people new to Smallworld or for existing users wishing to upgrade to the Office Suite.
- **Description:** GTO is part of the Office suite of products and the course covers the basics of configuring the product and the standard functionality. This version of the course is a condensed version of the standard 3-day course offering. Students will be provided with a training manual containing the complete set of training slides and exercises. Content will be covered at a slightly higher level to fit within the 2-day window of this offering.
- **Objectives:**
 - Use High Consequence Area analysis to run what-if scenarios
 - Use Dynamic Segmentation
 - Use Linear Referencing
 - Use Alignment Sheets
 - Use the Productivity Pack modules
- **Modules:**
 - HCA Analysis
 - Alignment Sheets
 - Linear Referencing
 - Auto Stationing
 - Lifecycle Status – Pipe
 - Facility Management
 - CIS Viewer
 - Cathodic Protection Manager
 - Enhanced Editor Functionality
 - Quickfind
 - Audit History
 - Templates and Configuration
 - Multimedia Viewer
 - Version Management add-ons
 - Layout Enhancements

***Smallworld Gas Distribution Office Training* – (437.50) Thursday - 1 day**

- **Audience:** Those who require an overview of the Smallworld Gas Distribution Office product. This course is suitable for people new to Smallworld or for existing users wishing to upgrade to the Office Suite.

- **Description:** GDO is part of the Office suite of products and the course covers the basics of configuring the product and the standard functionality. This version of the course is a condensed version of the standard 3-day course offering. Students will be provided with a training manual containing the complete set of training slides and exercises. Content will be covered at a slightly higher level to fit within the 2-day window of this offering.

- **Objectives:**
 - Insert new Gas facilities into the GIS
 - Modify existing GIS data while maintaining network connectivity
 - Build new Gas networks
 - Build Cathodically Protected areas
 - Quickly analyze outages and locate valves to be closed
 - Prepare compliance-related reports
 - Maintain leak status, history and query tools
 - Plan routes for inspections, meter readings

- **Modules:**
 - Introduction to GDO
 - Object Editors
 - Gas Outage Analysis
 - Survey Point Manager
 - Route Manager
 - Customer Usage Reporter
 - QA/QC
 - Inventory Reporter
 - Leak Analysis
 - Network Builder (lite)
 - Network Trace (lite)
 - Bulk Update
 - Event and Audit History
 - Map Grid Plotting

Pick List for additional course(s) –

The following courses will be scheduled based on level of interest and you will be notified once the courses have been scheduled. Each course is \$875.00

***Smallworld System Administration* – 2 days**

- **Audience:** Those who perform system administration, development, and IT tasks.
- **Description:** To realize the full performance that users expect, installations of Smallworld CST require regular maintenance. This course teaches students how to administer a Smallworld CST installation. This version of the course is a condensed version of the standard 3-day course offering. Students will be provided with a training manual containing the complete set of training slides and exercises. Content will be covered at a slightly higher level to fit within the 2-day window of this offering.
- **Objectives:**
 - Install Smallworld products
 - Configure a Smallworld Core installation
 - Build and maintain images
 - Manage access to Smallworld databases
 - Back up Smallworld databases
- **Module:**
 - Introduction
 - Product installation
 - Product configuration
 - User configuration
 - Loading products and modules
 - Images (light)
 - Dataset Controller
 - Security
 - Plotting (light)
 - Other facilities
 - Images for application servers
 - Authorization
 - Backup and integrity

***Smallworld Database Administration* – 2 days**

- **Audience:** Database Administrators (DBAs) and other personnel responsible for performing the Smallworld DBA function
- **Description:** The Database Administration Training course explains the concepts of a Smallworld database, and reinforces database administration (DBA) skills through lessons, discussion tasks and hands-on exercises.
- **Objectives**
 - Understand how a Smallworld database operates
 - Plan strategies for maintaining a database

- Perform core DBA activities such as backing up, compressing and restructuring a database, to ensure data is maintained and optimized
- **Modules**
 - Introduction
 - Multi-user working
 - Smallworld Datastore Server
 - Managing the database
 - Monitoring performance
 - Backup and integrity
 - Problem solving and disaster recovery
 - Superfiles
 - Working top
 - Persistent cache
 - Managing remote data
 - Extracts
 - Replicas
 - Planning, strategies and recording
 - External databases
 - Data model evolution

***GeoSpatial Server (GSS): Administration* – 2 days**

- **Audience:** System administrators who are responsible for providing service-based access to a Smallworld installation.
- **Description:** This course is designed to instruct students in installing, managing and monitoring a GSS installation, including the facilities of the GSS Administration **console**. The course covers common administration tasks such as creating new GSS users along with less common tasks such as configuration of map layer and cache settings.
- **Objectives:**
 - (will be predone)
 - Understand how to build and configure a system for your own database
 - Create and configure users
 - Monitor your system and perform admin tasks
 - Configure layers in the database and create cached maps
 - Understand server farms and use GSS in more complex environments

Modules:

- Introduction to the course
- Smallworld GeoSpatial Server administration
- Installing Smallworld GeoSpatial Server
- Connector and Agents
- Configuring the database rollforward
- Server farms and complex environments LITE?
- Dimensioning Configuration

*** Note: Class Content subject to change to accommodate 2-day schedule**