OVERLOAD SERVICES, INC.

AN INTERGRAPH PPM SERVICE PROVIDER

SPI LTUF MEETING

OSI SPI TRAINING SERVICES

Thursday, August 11th
AMEC
10343 Sam Houston Park Drive, Houston, TX.
77064

Presented by: Rockey J. McClish II

OUR TRAINING SERVICES

- **Off-Site**
  - Come to our location with a prepared learning environment, which can accommodate up to 18 students. (More upon request)
  - We offer all Standard Intergraph Courses, as well as customized training solutions to meet your needs.

- **On-site**
  - We can send a Trainer out to your location to conduct a Standard, or custom class.
  - We can assist with the installation remotely, or come out to your site before the class, and help with the installation for an additional fee.

TINT1001 – SMARTPLANT INSTRUMENTATION FOR USERS

- Prerequisites
    - Basic industry knowledge in instrumentation.
    - Familiarity with Microsoft Windows & Windows applications.
- Length
    - 4.5 Days
- Pricing
    - Contact Intergraph or OSI for current prices, & available dates.

TINT1001 – SMARTPLANT INSTRUMENTATION FOR USERS

- Topics Covered
    - System and Project Administration Overview
    - Instrument Index
    - User Report Interface
    - Process Data
    - Calculations
    - Specifications
    - Wiring
    - Loop Diagrams
    - Hookups (Installation Details)

TINT1003 – SMARTPLANT INSTRUMENTATION INSTALLATION & SYSTEM ADMINISTRATION

- Prerequisites
  - Familiarity with Microsoft Windows & Windows applications.
  - Familiarity with relational database concepts.
- Length
  - 2 days.
- Pricing
  - Contact Intergraph or OSI for current prices, & available dates.

TINT1003 – SMARTPLANT INSTRUMENTATION INSTALLATION & SYSTEM ADMINISTRATION

- Topics Covered
    - SmartPlant Instrumentation installation
    - DBSetup Utility
    - Project Initialization
    - Use of SmartPlant License Manager (SPLM) for License Control
    - Upgrades
    - Administration Options and User Management
    - Internal Setup Utility
    - ERD and database project data relationships
    - Database structure for as-built domains
    - Introduction to InfoMaker
    - Overview of deployment options

TINT1004 – SMARTPLANT INSTRUMENTATION CUSTOMIZATION & DATA MANAGEMENT

- Prerequisites
  - Completion of TINT1001, or strong familiarity of SmartPlant Instrumentation.
  - Basic industry knowledge in instrumentation.
  - Familiarity with Microsoft Windows & Windows applications.
- Length
  - 2.5 Days
- Pricing
  - Contact Intergraph or OSI for current prices, & available dates.

TINT1004 – SMARTPLANT INSTRUMENTATION CUSTOMIZATION & DATA MANAGEMENT

- Topics Covered
  - SmartPlant Instrumentation database overview
  - Introduction to InfoMaker
  - Creating and Customizing reports in InfoMaker
  - Customizing specifications internally and using InfoMaker
  - Setting up MS Access for Reporting
  - Creating customized Browsers
  - Data Import
  - Use of Merger Utility
  - Interfaces – P&ID, DCS, vendor calculation software
  - External Spec Editor
  - Overview of API
  - Overview of interface with SAP R/3
  - Revisions and revision control

TINT1005 – SMARTPLANT INSTRUMENTATION UPDATE TRAINING V.2009

- Prerequisites
    - Completion of TINT1001, or strong familiarity of SmartPlant Instrumentation.
    - Basic industry knowledge in instrumentation.
    - Familiarity with Microsoft Windows & Windows applications.
- Length
    - 2 days
- Pricing
    - Contact Intergraph or OSI for current prices, & available dates.

TINT1005 – SMARTPLANT INSTRUMENTATION UPDATE TRAINING V.2009

- Topics Covered
  - Practical considerations and requirements for upgrade to version 2009
  - New library of spec forms
  - Cross-form Mapping (multi-specification form browser)
  - Defining page size for a multi-tag specification page
  - Additional fields added to the Index Browser View
  - User-defined macro functions for SmartLoop Macros
  - Enhancements in custom loop generation
  - Updated Pipe Standards table in Process Data Module
  - Calibration Module enhancements
  - Changing fieldbus tags back to conventional
  - Administration Module enhancements and additions
  - Enhancements to the SmartPlant Instrumentation interfaces

TINT1006 – SMARTPLANT ADVANCED WIRING & REPORTING

- Prerequisites
  - Completion of TINT1001, or strong familiarity of SmartPlant Instrumentation.
  - Basic industry knowledge in instrumentation.
  - Familiarity with Microsoft Windows & Windows applications.
- Length
  - 4.5 Days
- Pricing
  - Contact Intergraph or OSI for current prices, & available dates.

TINT1006 – SMARTPLANT ADVANCED WIRING & REPORTING

- Topics Covered
    - Using new wiring equipment entities to create "real world" panel layouts
    - Panel location and hierarchy setup
    - Working with Explorers – Domain, Reference, Wiring, and Loop
    - Networked wiring design – Foundation Fieldbus, Profibus, and HART devices wiring (optional)
    - Room, Panel, and Rack Layout drawing creation
    - Customization of SmartPlant Report Generation Symbols
    - Expanded fieldbus design.

TINT1007 – SMARTPLANT INSTRUMENTATION OPERATING OWNER TRAINING

- Prerequisites
  - Completion of TINT1001
  - Completion of TINT1003
  - Completion of TINT1004
  - Basic industry knowledge in instrumentation.
  - Familiarity with Microsoft Windows & Windows applications.
- Length
  - 2 Days
- Pricing
  - Contact Intergraph or OSI for current prices, & available dates.

TINT1007 – SMARTPLANT INSTRUMENTATION OPERATING OWNER TRAINING

- Topics Covered
    - Enabling Operating Owner Domain
    - Creating and Scoping Projects
    - Claiming Entities to a Project
    - Manipulating Entities in a Project
    - Merging Entities from a Project to As-Built
    - Deleting a Project

TINT1065 – INFOMAKER CUSTOMIZATION

- Prerequisites
    - Basic industry knowledge in instrumentation.
    - Completion of TINT1001
    - Completion of TINT1004
    - Basic knowledge of relational databases
    - Familiarity with Microsoft Windows & Windows applications.
- Length
    - 2 days
- Pricing
    - Contact Intergraph or OSI for current prices, & available dates.

TINT1065 – INFOMAKER CUSTOMIZATION

- Topics Covered
  - Standard operations in InfoMaker
  - Database Connections
  - Libraries
  - Queries and Reports in InfoMaker
  - Using PSR files within SmartPlant Instrumentation
  - Creating executable reports
  - Specification customization
  - Customizing Title Block
    - Using SP_STYLE.PBL
    - Customizing Spec forms within SmartPlant Instrumentation
    - Customizing Spec forms in InfoMaker
  - Creating custom Powersoft Browser
  - Instrument Index Browse customization

CUSTOM TRAINING

- We can tailor a training class to fit your company's needs, choosing material from any of the standard courses.

- We can even train in a copy of your production data base to simulate an accurate working environment.

- We welcome, or can provide reference material for use during training. (Junction Boxes, I.O cards, ect.)

- Training hours are flexible and can be adjusted to meet at any hour during the working day. (7am – 6pm)

ADDITIONAL INTERGRAPH TRAINING FROM OSI

- SmartPlant Electrical
  - TELE1001
  - TELE1002

- SmartPlant P&ID
  - TSPL1001
  - TSPL1002

OSI ADDITIONAL SERVICES

- Database Hosting
- Report Customization
- Maintenance Agreements
- Database Auditing
- INAudit Support
- On-Site SPI Administration

- Data Migration*
- Seed Database Sales & Support*
- Technical Consulting
- Software Installation
- Database Upgrades

* These services provided as an authorized Intergraph PPM Service Provider