TRAKSYS 7.0 ADVANCED TRAINING COURSE

Course Outline

DAY 1	ADVANCED CONFIGURATION AND CUSTOM DEVELOPMENT
9:00 AM – 10:45 AM	**TrakSYS™ Troubleshooting** **MODELTrak™ – Custom Properties** Topics covered: Review the various troubleshooting tools and techniques within the TrakSYS™ suite of software; How to add custom configuration screens and settings to MODELTrak™ using Custom Properties; How to access and consume Custom Properties in various TrakSYS™ applications.
10:45 AM – 10:55 AM	**Break**
10:55 AM – 12:00 PM	**TrakSYS™ Data Structures** Topics covered; Review the various tables and structures available within the TrakSYS™ database; How to access data in custom reports and displays using TrakSYS™ data views and stored procedures.
12:00 PM – 1:00 PM	**Lunch**
1:00 PM – 2:50 PM	**WEBTrak™ – Web Part Data Interfaces** **WEBTrak™ – Dashboard Content Expressions** Topics covered: How to use custom queries in dashboard web parts that display information from external data sources; Review the data formats required by web part custom queries; How to work with custom content and real-time data in WEBTrak™ dashboards using TrakSYS™ Content Expressions; How to add custom queries to and loop through query results in the dashboard's HTML Content web parts.
2:50 PM – 3:00 PM	**Break**
3:00 PM – 5:00 PM	**WEBTrak™ – Advanced Dashboard Techniques** **WEBtrak™ – Excel Reports** Topics covered: How to add custom navigation and drill-downs to existing dashboard web parts; How to pass data between dashboards using the web page's query string; How to use custom parameter values in dashboard SQL queries; How to export TrakSYS data into Microsoft Excel utilizing the reporting features in WEBTrak™; How to generate customized charts in Dashboards utilizing an Excel-based web part.

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DAY 2	WEB DASHBOARDS AND USER INTERFACES
9:00 AM – 10:50 AM	**BATCHTrak™ – Configuration and Reporting** Topics covered: How to configure the batching, recipe and material management functionality in TrakSYS™ using MODELTrak™; How to monitor the execution of a batch in real-time using a web-based EVENTTrak™; Review the configuration and properties required to step through a batch manually using EVENTTrak™.
10:50 AM – 11:00 AM	*Break*
11:00 AM – 12:00 PM	**MODELTrak™ – Advanced Scripting** Topics covered: Review the basic functionality behind TrakSYS™ Advanced Scripting; How to script custom functionality and extensions for TrakSYS™ using the scripting environment in MODELTrak™; How to trigger custom scripts and functions using the built-in functionality of the major configuration entities in MODELTrak™ (Systems, Event Definitions, etc.).
12:00 PM – 1:00 PM	*Lunch*
1:00 PM – 2:50 PM	**MODELTrak™ – Advanced Scripting** **TrakSYS™ API** Topics covered: Introduction to the different classes and services the comprise the TrakSYS™ Application Programming Interface (API); How to manipulate TrakSYS™ Tag values using the API; How to create, read, update, and delete data in the TrakSYS™ database using the API.
2:50 PM – 3:00 PM	*Break*
3:00 PM – 4:30 PM	**WEBTrak™ – HTML Content (With Post Back)** Topics covered: How to build custom interactive web forms using the dashboards HTML Content (With Post Back) web part; How to create and manage Task Management forms that are triggered by MODELTrak™ Task Definitions.
4:30 PM	*Q&A and Class Adjourned*