



PARTNER
software

Spring Training Overview

February 20–23, 2012

8:30 A.M.–4:30 P.M.

Monday	Tuesday	Wednesday	Thursday
Introduction to Staking	Advanced Staking	Introduction to MobileStaker™	Advanced Trimble® GPS (MobileStaker™, Partner and Pathfinder® Office)
Distribution Inspection	Right of Way	Partner Plus Framework	Creating PDF Staking Reports
Partner Platform Development		Job Management, Configuration Manager, & System Administration	Work Flow Automation
Map Publisher		Map Publisher	

February 20, 2012

Introduction to Staking

Trainer: Adam Drogan

Cost: \$500

Experience the 4.4 Field Designer. Topics will range from how to install the software to stake simple jobs. Also, Partner will present and demonstrate new features. This class is intended for the novice user. Included will be:

- review of all basic features and action menus,
- header and job templates,
- common problems and solutions,
- Partner Web and work flow from a staker perspective.

Distribution Inspection

Trainer: Rick Catanise

Cost: \$500

Rick Catanise will lead an end-user training class for the Partner Distribution Inspection Module. Topics covered include Data Entry, Synchronization, Singular Reports, Re-inspecting and Archiving, Historical Reference, Inspection Overview, On-Map Filtering. The class will work with real-world scenarios running live software.

February 20–21, 2012

Partner Platform Development

Trainer: Paul Reavis

Cost: \$1,000

This is an introduction to developing custom map-based applications in Partner. We'll start with an overview of the architecture of the platform, including updates, logging, scripting, modules, map sets, and translation. You will learn how to use the Partner Workbench, which is the development environment for Partner. Using the workbench, we will build a series of applications, incrementally increasing their features, complexity, and usefulness. We will also discuss how to install, configure, and troubleshoot existing modules developed by Partner or other users. We'll conclude with a discussion of how these tools can be applied to address real-world needs.

New to version 4.4 is the concept of modules. We will also be working with an updated version of the Workbench, and address the role of core platform development now that the Inspection platform is available.

Attendees should be comfortable with the Partner Map Viewer and have experience creating and editing files in the Windows file system. You should also have some experience in programming or scripting, but you do not need specific experience in Java or Groovy. Mainly, you should have a passion for working under the hood and a desire to get more out of your Partner system.

This is a hands-on class. Computers will be provided.

Map Publisher

Trainer: John Dolezal & Dan Wentworth

Cost: \$1,000

The first day of the Map Publisher course explores the basics of the Partner Workbench as a foundation for the Map Publisher. Students can expect to be able to navigate around the Partner Workbench and do simple actions as they create or modify a Map Publisher. Target topics are as follows:

- ♦ Partner file system;
- ♦ installation of publisher modules;
- ♦ source selection;
- ♦ publishing;
- ♦ basic legend configuration;
- ♦ labels;
- ♦ find items;
- ♦ data display.

The second day of the Map Publisher course expands upon the knowledge of the first day. In addition, students can expect exposure to Groovy, Beanshell and/or Python, which are scripting languages used to further customize the Map Publisher. Target topics include:

- ♦ merging external data;
- ♦ symbol splitting;
- ♦ Groovy, Beanshell and/or Python transforms;
- ♦ photo links;
- ♦ scalable icon configuration;
- ♦ zoom level customization;
- ♦ multiple legends;
- ♦ data export from Publisher;
- ♦ short publishing techniques.

February 21, 2012

Advanced Staking

Trainer: Jay Tootle

Cost: \$500

Learn all those functions that you see in Field Design but have been afraid to play with. This class will cover many in-depth and advanced functions of Partner Field Design, including managing alternatives, staking-to-GIS for map correction, and other advanced tools. Become the best staker in your organization.

Right of Way

Trainer: David Rowe

Cost: \$500

David Rowe will lead an end-user training class for the Partner Right of Way Module. Topics covered include Assignment, Record Creation, Selection, Data Entry, Synchronization, Scheduling, Archiving, Report Generation, Historical Reporting, and On-Map Filtering. The class will work with real-world scenarios running live software.

February 22, 2012

Introduction to MobileStaker™

Trainer: Mike Bellrose, Tri-Global Technologies

Cost: \$500

This class will focus on GPS (and other) Satellite Navigation Theory. It will cover an overview of what Global Navigation Satellite Systems are and where they are headed in the future.

We will focus on:

- connecting GPS through standard NMEA (National Marine Electronics Association) communication protocols,
- using GPS for navigation and data collection into Partner 4.4 Software,
- covering Bluetooth communication technology and pros and cons of connecting devices via this new methodology,
- covering the limitations of GPS and some of the ways to supplement GPS with peripheral collection devices, such as lasers and underground locators.

The morning will be based on theory and an explanation of setup and use, but the afternoon will consist of using GPS in the field with Partner 4.4. All participants are invited to bring their own GPS receivers and computer hardware, but a number of different devices will also be available for use.

Job Management, Configuration Manager, & System Administration

Trainer: Burt McCollum & Russell Hicks

Cost: \$500

Learn the back end of the Partner Field Design System from a management perspective. This class teaches how to assign jobs, set permissions, when to sever checkout, and all the other management functions of Partner.

Thorough review all of the features of the web-based ConfigManager.

- Unit Information
- The Filter Tree
- Unit Material
- Simple Cost Estimation
- Importing & Exporting
- Picklists
- Header Fields
- Job Information Tabs

In addition, we will discuss some of the methods that current clients have in place that might help you make you organization even more efficient.

Partner Plus Framework

Trainer: Rich Stepanski & David Rowe

Cost: \$500

Partner's Distribution Inspection and Right of Way modules run on the Partner Plus Framework. David Rowe will lead a class on the generic features available within the framework. Topics will include Filter Table, Batch Exports, Workflow, Singular Assignment, Filtered Assignments, Aging and Reissue, and Administrative Tasks. This class is suited for supervisors and administrators and will work with real-world scenarios running live software.

February 22–23, 2012

Map Publisher

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- zoom level customization,
- multiple legends,
- data export from Publisher,
- short publishing techniques.

February 23, 2011

Advanced Trimble® GPS (MobileStaker™, Partner and Pathfinder® Office)

Trainer: Mike Bellrose, Tri-Global Technologies

Cost: \$500

This class begins where *Introduction to GPS for Partner Software* ends. We will look at the use of Trimble®-specific hardware for integration into Partner 4.4. This class includes the following:

- discussing the real-world application of high accuracy GPS and the Pros and Cons of different Methodology for achieving those accuracies,
- discussing the specifics of collecting all GPS data covered in the *Introduction to GPS for Partner Software* class within MobileStaker™ and MobileStaker LT,
- looking at the value of setting up the GPS quality settings discussed in *Introduction to GPS for Partner Software* class and how it can be done within a Trimble-supported field software,
- discussing the directory structure Partner uses to transfer “Trimble .ssf” files to the Partner Hub and how Pathfinder Office Software can be implemented to aid in improving accuracy,
- covering the configuration of Pathfinder Office and troubleshooting of issues that may arise between the flow of Partner Software and Pathfinder Office.

Work Flow Automation

Trainer: Dave Shaw

Cost: \$500

Focusing on modeling your workflow in the Partner Web, this class is intended to introduce the system and help you develop a methodology for diagramming your current workflow, transferring that diagram into Partner Web database queries, and setting up group and user permissions to utilize those queries.

Our goal is to give you:

- overview of how the Partner Web works and its capabilities,
- overview of how to transfer your existing workflow to a diagram,
- basic understanding of database queries,
- skill at turning your workflow diagram into database queries,
- skill at creating job header fields as needed,
- skill at creating job listings tailored to specific users,
- skill at creating job views tailored to specific users,
- skill at creating on-demand reports using job header data.

Attendees should have some experience with utility-wide workflow and should be comfortable moving and creating files and directories in the Microsoft Windows environment. This is not a class for end-users, but for power-users, administrators, and IT personnel. However, we do not expect that attendees be programmers.

We recommend this class to any of our customers interested in using the Partner Web throughout their organization, maintaining or extending the Partner Web, and to any third-party interested in working or interfacing with the Partner system.

Creating PDF Staking Reports

Trainer: Eric Wagoner

Cost: \$500

In this class Eric Wagoner will survey the capabilities of the PDF creation capabilities of the staker. He'll guide you to create a few simple reports from scratch and will explore how more complicated reports and staking sheets can be designed.