

**Enterprise and Studio Essentials**

Autodesk Official Training Courseware (AOTC)

# **Autodesk**

## **MapGuide® 2010**

**Autodesk**

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Gordon Lockett is the founder and president of Arrow Geomatics Inc, a GIS consulting, training, and development company. Oracle Spatial and Autodesk geospatial product integration is the main focus of Gordon's consulting and training efforts. Leveraging his experience as an Autodesk Certified Instructor, Autodesk University presenter, and consultant, he continues to develop guides for AutoCAD® Map 3D and Autodesk MapGuide® Enterprise.



# Introduction

Welcome to the *Autodesk MapGuide Enterprise Server and Studio 2010 Essentials* Autodesk Official Training Guide, a training guide for use in Authorized Training Center (ATC®) locations, corporate training settings, and other classroom settings.

Although this guide is designed for instructor-led courses, you can also use it for self-paced learning. The guide encourages self-learning through the use of the MapGuide® Enterprise Server 2010 and MapGuide® Studio 2010 Help systems.

This introduction covers the following topics:

- Guide objectives
- Prerequisites
- Using this guide
- CD contents
- Installing the exercise data files from the CD
- Notes, tips, and warnings
- Feedback

This guide is complementary to the software documentation. For detailed explanations of features and functionality, refer to the Help in the software.

## Objectives

After completing this guide, you will be able to:

- Describe the MapGuide Enterprise Server and Studio system.
- Install and configure MapGuide Enterprise server on Microsoft Windows.
- Use MapGuide Studio to load data, build layers, create maps, and establish a web layout.
- Create and customize Flexible and Basic web layouts.
- Describe Server, FDO, Viewer, and Studio APIs.
- Connect PHP Reports to a Web Layout.
- Enhance MapGuide Server, Studio, and data performance.
- Describe native Google Earth support.

## Prerequisites

This guide is designed for the student new to Autodesk MapGuide 2010.

It is recommended that you have a working knowledge of:

- Fundamentals of geographic information systems.
- Microsoft® Windows® XP or Microsoft® Windows® Vista.

## Using This Guide

The lessons are independent of each other. However, it is recommended that you complete these lessons in the order that they are presented unless you are familiar with the concepts and functionality described in those lessons.

Each chapter contains:

- **Lessons**  
Usually two or more lessons in each chapter.
- **Exercises**  
Practical, real-world examples for you to practice using the functionality you have just learned. Each exercise contains step-by-step procedures and graphics to help you complete the exercise successfully.

## CD Contents

The CD attached to the back cover of this book contains all the data and drawings you need to complete the exercises in this guide.

## Installing the Exercise Data Files from the CD

To install the data files for the exercises:

1. Insert the courseware CD.
2. When the setup wizard begins, follow the instructions on screen to install the data.
3. If the wizard does not start automatically, browse to the root directory of the CD and double-click *setup.exe*.

Unless you specify a different folder, the exercise files are installed in the following folder:

*C:\Projects*

After you install the data from the CD, this folder contains all the files necessary to complete each exercise in this guide.

## Notes, Tips, and Warnings

Throughout this guide, notes, tips, and warnings are called out for special attention.



Notes contain guidelines, constraints, and other explanatory information.



Tips provide information to enhance your productivity.



Warnings provide information about actions that might result in the loss of data, system failures, or other serious consequences.

## Feedback

We always welcome feedback on Autodesk Official Training Guides. After completing this guide, if you have suggestions for improvements or if you want to report an error in the book or on the CD, please send your comments to [learningtools@autodesk.com](mailto:learningtools@autodesk.com).

