

## FME Desktop Advanced Training

**Duration** | 1 day | 9.15 – 17:00

**Prerequisites** | FME Desktop Basic or equivalent\*

**Cost** | £550 ex VAT

### Course Overview

This hands-on training course is designed to help you get maximum value from your investment. Let our experts and professional training help you use the full potential of FME. Learn how to use the advanced features of FME technology to manage your data translation and transformation challenges more effectively.

This course provides the next step on your journey with FME Desktop expanding on some of the core principles of FME Workbench, this course is intended for existing users who wish to expand on their existing knowledge of data manipulation and automated data workflows. It is important that delegates who attend this course have a firm grounding in the use of FME Desktop, specifically FME Workbench.

### Learning Objectives

- Make use of user parameters and their more advanced techniques
- Analyze and deconstruct an FME log file
- Understand potential methods for improving FME performance
- Create, edit and re-use a custom transformer
- Incorporate advanced methods for reading and writing datasets (dynamic workspaces, fanouts, etc.)
- Construct attributes with the text and arithmetic editors
- Understand when and how to apply conditional attribute values

### Modules

#### Welcome to **miso**

- Course overview, resources and amenities
- FME Version and Training Data

#### Advanced Parameter Use

- FME Parameters
- User Parameters
- Parameter Types
- Linking Parameters
- Shared Parameters
- Parameter Settings
- Specialist Parameters

#### Performance Considerations

- Performance and FME
- 64-bit FME
- Log file Interpretation
- Reader and Writer Optimization
- Transformer Optimization
- Database Optimization
- Parallel Processing
- Server and Cloud Performance

#### Custom Transformers

- Creating Custom Transformers
- Input & Output Ports
- Schema Handling
- Custom Transformer Types
- Creating Linked Transformers
- Switching Transformer Types
- Custom Transformer Versioning
- Parallel Processing
- Looping

#### Advanced Readers and Writers

- Writing Zip Files
- Fanouts
- Generic Reader and Writer
- Dynamic Translations
- Dynamic Schema Handling
- Advanced Dynamic Schemas

### Advanced Attribute Handling

- Constructing Values
- Editor Dialogs
- FME Functions
- Conditional Values
- Multiple Feature Attributes
- Null Attributes

### Exercises

A number of practical hands-on exercises are included throughout the course to reinforce the content of each section. These may include:

- Creation and Use of Complex Parameters
- Analysing and Improving Workspace Performance
- Parallel Processing
- Custom Transformers and Loops
- Dynamic Schemas
- ...plus many more

### **\*Course prerequisites**

Attendance on an FME Desktop Basic level training course or a minimum of 12 months practical and regular use of FME Desktop. Along with a firm knowledge of GIS/CAD principles and understanding of FME hierarchical relationships.

Check availability or buy online at [www.misoportal.com](http://www.misoportal.com).  
Or contact us on **0121 232 8000** if you need any advice about our courses.

