

102 Enterprise Architecture Modeling using Metastorm ProVision® 6.2



Course Syllabus

Important Facts:	3 days 50% Lecture/Demonstration 50% Hands-on Exercises
Target Audience:	Enterprise Architects, System/Application Architects, Technology Architects, Solution Architects as well as Managers and IT Professionals responsible for aligning IT infrastructure with the business needs
Class Objectives:	After completion of this three-day class, the student will be able to identify and select the appropriate objects, models and associations from Metastorm ProVision's robust features to support their Enterprise Architecture vision. Students will also be able to create, maintain and publish a series of models and object associations which are typical Enterprise Architecture work products. Additionally, students will be able to mine the Metastorm ProVision repositories for answers to typical EA questions.
Prerequisites:	This is an introductory level course but students in this class should have an interest in a deeper understanding of enterprise architecture. Familiarity with enterprise architecture, project management and computer fundamentals is a plus.
Topic Outline:	Day 1 <ul style="list-style-type: none">▪ Introduction<ul style="list-style-type: none">○ Course Objectives, Content & Timing○ Setting Student Objectives▪ Enterprise Architecture Overview▪ Metastorm ProVision Basics<ul style="list-style-type: none">○ Structure○ Navigation○ Preferences▪ Exercise: Metastorm ProVision Basics▪ Parent/Child Modelers<ul style="list-style-type: none">○ 18 Parent/Child Modelers○ Detailed coverage of System, Organization, Goal & Capability Modelers▪ Exercise: Parent/Child Modelers▪ Model Editing, Associations & Toolbars<ul style="list-style-type: none">○ Delete, Exclude, Hide & Clone○ Search & Replace Tools○ Building Associations

- Association Grids
 - Artifacts, Rules, Issues & Notes
 - Toolbars & their Customization
- Exercise: Model Editing & Associations
- Enterprise Architecture Frameworks
 - Examples, with strengths & weaknesses
 - Considerations for your Organization
 - Beginning to Build an EA Framework
- Strategy Model
 - Usage
 - Components
- Exercise: Strategy Model
- Object Appearance & Model Settings
 - Overriding Modeling Languages
 - Object Appearance
 - Model Settings
- Exercise: Appearance & Adornments

Day 2

- System Interaction and Communication Models
 - Usage (compare & contrast)
 - Components
 - Development Approaches
- Exercise: System Interaction & Communication Modeler
- Model Layers
 - Usage (add/clone/modify/delete)
 - Set-up
 - Adjust
- Exercise: Layers (Communication Model)
- Platform Model
 - Usage (Technology Stack)
 - Components
- Exercise: Platform Model
- Deployment Model
 - Usage
 - Components
- Exercise: Deployment Model
- Process Model
 - Usage
 - Structure
 - Development Approach
- Exercise: Process Model
- Navigator, Navigation Report, & Navigation Grid
 - Usage – Disclosure vs Modeling
 - Create a Navigation Report & Grid
- Exercise: Navigator, Navigation Report & Navigation Grid
- Dimensions
 - Usage
 - Create, Substitute & Configure Projections
 - Controlling Style
 - Recommendations & Best Practices
- Exercise: Dimensions (also includes Comparison Wizard)

Day 3

- Checking, Publishing & Reporting
 - Tools (Completeness, Spelling & Interpreter)
 - Publishing organized documents to Microsoft® Word®, Printer & HTML
 - Reporting using Crystal Reports®
- Exercise: Checking, Publishing & Reporting
- Knowledge Exchange Collaboration
 - Merging Objects & Models
 - Cross-Notebook Object Sharing
 - Exercise: Cross-Notebook Object Sharing
 - Checking Out Objects & Models
 - Exercise: Check-out
 - Including Reused Objects
 - Exercise: Reusing Objects
 - Checking In Objects & Models
 - Exercise: Check-in
 - Updating Reused Objects
 - Exercise: Updating Reused Objects
 - Using Knowledge Exchange (Repository Management not covered in full detail)
- Interfacing Information (Translator)
 - Export Objects & Templates
 - Import Objects & Model
- Exercise: Using Translator to Create a Location Model
- Exercise: Data Mining (using Association Grids, Property Grids, Navigator & Navigation Grids, Object Details & Associations, and the Search Tool to explore a notebook and answer a variety of questions)
- Course Summary & Next Steps