

# Modeling a SABSA® based Security Architecture using Enterprise Architect 14.x /15.x

One Day Course Syllabus

COURSE LEADER

## Introduction to Enterprise Architect

### User Interface

- Desktop layout

  - Overview, Start Page, Visual Style, Portals

- Ribbons

- Perspectives, Workspace Layouts, and ribbon configuration

### Managing Projects

- Creating and opening Projects

- Creating Root Nodes and Packages

- Browser features

- Organizing models

### Managing Diagrams

- Toolbox

- Creation techniques

- Options in ribbons, context menu, properties dialog and window

- Navigation between diagrams

- Floating diagrams

- Copy/paste across diagrams

- Inline Specification Manager

### Managing Elements

- Creation techniques

- Editing properties

- Drag and drop

- Diagram only elements

### Customizing Diagram Element Appearance

- Background color, font, image

- Layering

- Feature visibility

- Sizing and alignment

### Deleting Model Elements

- Diagram level deletions

- Repository level deletions

### Managing Connectors

- Creation (toolbox and Quick Linker)

- Redirection

- Line bends and styles

### Managing Packages

- Package Navigation

- Identifying and selecting favorite Packages

- Package Browser/List View (overview)

## Tool Configuration

- Defining general types

- Personal and global configuration options

## Frank Truyen

is a principal consultant and trainer, with 20+ years of experience in the IT industry as a developer, architect, consultant and manager.

Strong expertise in different modeling notations such as UML®, SysML®, SoaML™, UPDM™, ArchiMate® and BPMN™, allied with his extensive experience in using the Enterprise Architect modeling tool, allows Frank to successfully provide training and consulting services to a broad variety of customers across many industries.

## SABSA® Framework

Introduction  
Creating a Framework instance  
Security related Requirements  
**Exercise**

## Contextual Architecture models

Assets (Business Decisions)  
**Exercise**  
Motivation (Business Risk)  
**Exercise**  
Process (Business Processes)  
**Exercise**  
People (Business Governance)  
**Exercise**  
Location (Business Geography)  
**Exercise**  
Time (Business Time Dependencies)  
**Exercise**

## Conceptual Architecture models

Assets (Business Knowledge & Risk Strategy)  
Business Attributes  
**Exercise**  
Motivation (Risk Management Objectives)  
**Exercise**  
Process (Strategies for Process Assurance)  
**Exercise**  
People (Roles & Responsibilities)  
**Exercise**  
Location (Domain Framework)  
**Exercise**  
Time (Risk Management Framework)  
**Exercise**

## Logical Architecture models

Assets (Information)  
Motivation (Risk Management Policies)  
**Exercise**  
Process (Process Maps and Services)  
**Exercise**  
People (Entity & Trust Framework)  
**Exercise**  
Location (Domain Maps)  
**Exercise**  
Time (Calendar & Timetable)  
**Exercise**

## Physical Architecture models

Assets (Data)

Motivation (Risk Management Practices)

### Exercise

Process (Process Mechanisms)

### Exercise

People (Human Interface)

### Exercise

Location (ICT Infrastructure)

Time (Processing Schedule)

## Component Architecture models

Assets (ICT Components)

Motivation (Risk Management Tools and Standards)

Process (Process Tools and Standards)

People (Personnel Management Tools & Standards)

Location (Locator Tools and Standards)

Time (Step Timing & Sequencing Tools)

## Traceability and Navigation

Overview

The Relationships window

The Relationship Matrix

The Traceability window

Other traceability features

### Exercise

## Core Tool Features (as time allows)

### Documentation Generation

RTF/DOCX/PDF generator

Diagram, Package, and Element options

Linking generated documents into Microsoft Word

Model documents

Master documents

Generating HTML

Other features

### Exercise

## Document Artifacts

Creating  
Linked Documents  
External document links  
Document window

### **Exercise**

## Model Searches

Initiating  
Configuring  
Viewing results  
Custom searches  
Other features

### **Exercise**

## Managing Baselines and comparing models

Creating baselines  
Administering baselines  
Package comparisons  
Diagram comparisons

### **Exercise**