

# TOOLBUS Interface for Select Component Architect and Select SE

## Version 2

### Data Sheet

(effective April 2006)

The TOOLBUS Interface for **Select Component Architect** and **Select SE** (formerly available as **Systems Engineer**) enables the import of Logical and Physical Data Models from Select SE into Class Models, Entity Relationships Models and Table Relationships Models in Select Component Architect. Furthermore, Process Decomposition Charts and Process Dependency Diagrams are migrated to Process Hierarchy Diagrams and Process Thread Diagrams.

### Data Model Migration:

- **Logical Data Models to Class Models:** Entities, Relationships and Attributes are migrated from Select SE to Classes, Associations, Attributes and Type Definitions in Select Component Architect. For every Logical Data Model from Select SE a Package is created in Select Component Architect, and for every Entity-Relationship-Diagram a Class Diagram is created.
- **Logical Data Models to Entity Relationships Models:** Entities, Relationships and Attributes are migrated from Select SE to Entities, Relationships and Attributes in Select Component Architect. For every Logical Data Model from Select SE a Package is created in Select Component Architect, and the Entity Relationships Diagrams are imported.
- **Logical Data Models to Table Relationships Models:** Entities, Relationships and Attributes are migrated from Select SE to Tables, Relationships and Columns in Select Component Architect. For every Data Model from Select SE a Table Relationships Diagram is created in Select Component Architect.
- **Logical Data Models to Class Models and Table Relationship Models:** Entities, Relationships and Attributes are migrated from Select SE to Classes, Associations, Attributes and Type Definitions, and to Tables, Relationships and Columns in Select Component Architect. For every Logical Data Model from Select SE a Package is created in Select Component Architect, and for every Entity-Relationship-Diagram a

Table Relationships Diagram is created in Select Component Architect. In addition, links between Classes and Tables are established.

- **Physical Data Models to Class Models:** Tables, Relationships and Columns are migrated from Select SE to Classes, Associations, Attributes and Type Definitions in Select Component Architect. For every Physical Data Model from Select SE a Package is created in Select Component Architect, and for every Entity-Relationship-Diagram a Class Diagram is created in Select Component Architect.
- **Physical Data Models to Table Relationships Models:** Tables, Views, Relationships, Columns and Indexes are migrated from Select SE to Tables, Views, Relationships, Columns and Indexes in Select Component Architect. For every Physical Data Model from Select SE a Table Relationships Diagram is created in Select Component Architect.
- **Physical Data Models to Class Models and Table Relationship Models:** Tables, Views, Relationships, Columns and Indexes are migrated from Select SE to Classes, Associations, Attributes and Type Definitions, and to Tables, Views, Relationships, Columns and Indexes in Select Component Architect. For every Physical Data Model from Select SE a Package is created in Select Component Architect, and for every Entity-Relationship-Diagram a Class Diagram and a Tables Relationship Diagram is created in Select Component Architect. In addition, maps between Classes and Tables are established.

Remark: If a Logical Data Model and the associated Physical Data Model are both imported, the links between Classes and Tables are established in Select Component Architect.

### **Process Model Migration:**

- **Process Decomposition Chart to Process Hierarchy Diagram:** Processes and their hierarchical structure are migrated from Select SE to Select Component Architect.
- **Process Dependency Diagram to Process Thread Diagram:** Processes and their dependencies are migrated from Select SE to Select Component Architect.

Import Process: In order to import models from the Select SE repository into Select Component Architect all or selected models must be exported into a DIF file (.001 file) by the Repository Services of Select SE. The TOOLBUS Interface converts the Select SE models for Select Component Architect, and it uses the methods provided by the OLE Automation Server of Select Component Architect for the import.

Platform: The TOOLBUS Interface for Select Component Architect and Select SE requires Microsoft Windows 2000/XP. The interface supports Select Component Architect versions 4, 5 and 6, and Select SE versions 6 and 7.