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TOOLBUS Interface for AllFusion ERwin and Select Enterprise / Select Component Architect

Version 4

Data Sheet

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The TOOLBUS Interface for **AllFusion ERwin Data Modeler** and **Select Enterprise / Select Component Architect** enables the migration of Class Models and Table Relationship Models from Select Enterprise or Select Component Architect to Logical and Physical Data Models in AllFusion ERwin 4.0, and the migration of Logical Data Models from ERwin 3.5.2 and ERwin 4.0/4.1 to Select Enterprise or Select Component Architect:

1. **Class Models to Logical Data Models** (bi-directional interface):
 - Classes, Associations, Attributes and Type Definitions are migrated from Select Enterprise or Select Component Architect to Entities, Relationships, Attributes and Domains in ERwin, and vice versa.
 - For every Class Model of Select Enterprise / Component Architect a Subject Area is created in ERwin, and vice versa.
 - The names of the Tables which are associated with Classes, and the names of the Columns which are associated with Attributes in Select Enterprise, are assigned as physical names (Table and Column names) for Entities and Attributes in ERwin.
 - All Classes, or only selected Classes may be migrated from Select Enterprise to ERwin.
2. **Table Relationship Models to Physical Data Models** (unidirectional interface):
 - Databases, Tables, Columns, Indexes and Relationships (Referential Constraints) are migrated from Select Enterprise to ERwin.
 - The names of the Classes which are associated with Tables, and the names of the Attributes which are associated with Columns in Select Enterprise, are assigned as logical names (Entity and Attribute names) for Tables and Columns in ERwin.
 - The description text of the associated Entities and Attributes may be propagated to definitions or notes of Tables and Columns in ERwin.

Interface Technology: The interface reads ERX files from ERwin 3.5.2. or XML files from ERwin 4.0/4.1, and it generates XML Files for ERwin 4.0/4.1. It uses the methods provided by the Select Enterprise OLE Automation Server to read and create Select Enterprise or Select Component Architect models.

Platform: The TOOLBUS Interface for the AllFusion ERwin and Select Enterprise / Select Component Architect requires Microsoft Windows NT/2000/XP. The interface supports AllFusion ERwin 4.0/4.1, Select Enterprise 6.x, and Select Component Architect 4.0/4.1/4.2 .