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# **TOOLBUS Interface for ARIS and CA ERwin Data Modeler Version 7.50**

**Data Sheet**  
(effective July 2010)

The TOOLBUS Interface for ARIS and CA ERwin enables the bi-directional migration of Data Models and UML Class Diagrams between **CA ERwin Data Modeler** and **ARIS Business Architect**, **Oracle Business Process Architect**, the **ARIS Toolset** and **ARIS UML Designer**.

It supports these ARIS Models:

- ◆ **IE Data Model** - Information Engineering Data Model  
(recommended for this TOOLBUS Interface)
- ◆ eERM - extended Entity Relationship Model
- ◆ SAP-SERM
- ◆ **Attribute Allocation Diagram**
- ◆ **UML Class Diagram**

The ARIS Data Models and UML Class Diagrams are converted to Logical Data Models in CA ERwin, and vice versa. When using the "IE Data Model" in ARIS, the layout of the Entity-Relationship Diagrams is maintained in CA ERwin, and vice versa. The layout of the UML Class Diagrams from ARIS UML Designer is also maintained in the Subject Areas in CA ERwin, and vice versa.

## **Conversion Process:**

In order to migrate a data or UML model from ARIS to CA ERwin Data Modeler, a XML file (AML file) must be created by the export function of ARIS Business Architect, ARIS IT Architect or the ARIS Toolset. The TOOLBUS Interface parses the ARIS XML export file, and it creates an ERwin XML import file for CA ERwin Data Modeler 4.x or 7.x.

In order to convert a Logical Data Model from CA ERwin to ARIS the TOOLBUS Interface parses CA ERwin model files (.erwin, .er1, .XML, or .ERX files), or CA ERwin models stored in a CA ERwin Model Manager database (ModelMart), and it creates an ARIS XML file, which can be imported into the ARIS tools.

Remark: For the export and import of XML files from and into ARIS Business Designer or ARIS UML Designer the ARIS Business Architect, ARIS IT Architect or the ARIS Toolset must be used, as ARIS Business Designer and ARIS UML Designer do not support the export and import of XML (AML) files.

## **Platform:**

The TOOLBUS Interface for ARIS and CA ERwin Data Modeler requires Microsoft Windows 2000/XP/Vista/7. The interface supports the ARIS Toolset, ARIS Business Architect, ARIS Business Designer, and ARIS UML Designer 6.2, 7.0 and 7.1, Oracle Business Process Architect 10g and 11g, and CA ERwin Data Modeler 3.5.2, 4.0, 4.1, 4.1.4, 7.0, 7.1, 7.2 and 7.3.