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# ARTSBUS

## ASG-Rochade<sup>®</sup> Bus for ARIS

Version 4.24

### Data Sheet

(effective December 2008)

**ARTSBUS** is the ASG-Rochade<sup>®</sup> Bus interface for the ARIS Toolset and ARIS Business Architect.

ARTSBUS enables the bi-directional transfer of IE Data Models, eERMs (extended Entity-Relationship-Models), SAP-SERMs, Function Trees and Function Allocation Diagrams between ARIS Toolset and Rochade. In addition, the unidirectional transfer of eEPCs, Organizational Charts, Technical Term Models, Event Diagrams, Rule Diagrams, PCDs, Value Added Chain Diagrams and Process Selection Matrix from the ARIS Toolset to the ASG-Rochade repository is supported.

ARTSBUS uses the XML (AML) export/import files of ARIS.

ARTSBUS is based on the **TOOLBUS<sup>™</sup>** technology, which was developed by Reischmann Informatik GmbH for the exchange of meta data between the ASG-Rochade Repository and modeling tools, and between modeling tools themselves.

### **System Requirements:**

ARTSBUS requires a Rochade Client 5.2 (or higher), or for using Rochade XNS a Rochade Client 6.2 (or higher) for Microsoft Windows 2000/XP/Vista, and the corresponding Rochade API. The interface supports the ARIS Toolset and ARIS Business Architect versions 6.2, 7.0 and 7.1.

## **Repository Information Model:**

The Repository Information Model (RIM) for ARIS Toolset, which consists of the CDM-RIM and the ARTSBUS-RIM, covers the objects which are used in these Diagrams of ARIS Toolset:

### **CDM RIM:**

- Entity-Relationship Data Model

### **ARTSBUS RIM :**

- IEF Data Model
- SAP-SERM
- Function Tree
- Function Allocation Diagram
- eEPC
- Organizational Chart
- Technical Term Model
- Event Diagram
- Rule Diagram
- PCD
- Value Added Chain Diagram
- Process Selection Matrix

Remark: ARTSBUS also enables the integration and the exchange of Entity-Relationship Data Models from ARIS Toolset with Entity-Relationship Data Models which were described in data modeling tools from other vendors. This is accomplished by the **CDM RIM** of ASG-Rochade (Repository Information Model for Conceptual Data Models), which is used for the mapping of Entity-Relationship models from ARIS Toolset and ARIS Business Architect. Entity-Relationship Data Models which were described in other data modeling tools can be migrated to ARIS Toolset and ARIS Business Architect via the ASG-Rochade Repository, and vice versa. Rochade is the central database ("Meta Data Warehouse") which gathers all the Data Models of the enterprise.

## **ARTSBUS Item Types**

For the mapping of ARIS Toolset objects to Rochade, the ARTSBUS-RIM including the CDM-RIM item types will be used:

### **CDM RIM:**

CDM/ATTRIBUTE  
CDM/ATTRIBUTE-VALUE  
CDM/DATA-TYPE  
CDM/DATATYPE-VALUE  
CDM/DIMENSION  
CDM/ENTITY  
CDM/IDENTIFIER  
CDM/MODEL  
CDM/RELATIONSHIP  
CDM/SUBJECT-AREA  
CDM/SUBTYPE-SET  
CDM/VALID-VALUE  
CDM/VALIDATION-RULE

**ARTSBUS RIM:**

IDS/APPLICATION-SYSTEM  
IDS/APPLICATION-SYSTEM-CLASS  
IDS/APPLICATION-SYSTEM-TYPE  
IDS/DATABASE  
IDS/DP-FUNCTION  
IDS/DP-FUNCTION-TYPE  
IDS/EEPC  
IDS/EMPLOYEE-INSTANCE  
IDS/EVENT  
IDS/EVENT-DIAGRAM  
IDS/FUNCTION  
IDS/FUNCTION-ALLOCATION-DIAGRAM  
IDS/FUNCTION-TREE  
IDS/GROUP  
IDS/HUMAN-RESOURCE  
IDS/HUMAN-RESOURCE-TYPE  
IDS/HW-COMPONENT-TYPE  
IDS/INFORMATION-CARRIER  
IDS/JOB  
IDS/LIST  
IDS/LIST-DRAFT  
IDS/LOCATION  
IDS/MODULE  
IDS/MODULETYPE  
IDS/ORGANIZATION-UNIT  
IDS/ORGANIZATION-UNIT-TYPE  
IDS/ORGANIZATIONAL-CHART  
IDS/PCD  
IDS/PROCESS-SELECTION-MATRIX  
IDS/RULE  
IDS/RULE-DIAGRAM  
IDS/SCREEN  
IDS/SCREEN-DRAFT  
IDS/SYSORGUNIT  
IDS/SYSORGUNITTYPE  
IDS/TECHNICAL-TERM  
IDS/TECHNICAL-TERM-MODEL  
IDS/VALUE-ADDED-CHAIN-DIAGRAM