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## **TOOLBUS Interface for AllFusion ERwin and COOL:BusinessTeam/DBA Version 6**

**Data Sheet**  
(effective January 2004)

The TOOLBUS Interface for **AllFusion ERwin Data Modeler** and **COOL:BusinessTeam / COOL:DBA** (formerly available as **Bachman/Analyst / GroundWorks / Bachman/DBA / Terrain for DB2**) enables the migration of Logical Models (Entity-Relationship Models) from COOL:BusinessTeam (or from GroundWorks, Bachman/Analyst) and the migration of Physical Models from COOL:DBA (or from Terrain, Bachman/DBA) to AllFusion ERwin 4.1.

### **Migration Alternatives:**

The TOOLBUS Interface provides three migration paths:

#### **1. Migration of Logical Models from COOL:BusinessTeam/GroundWorks to AllFusion ERwin:**

- Entity-Relationship Data Models (Entities, Attributes, Partnerships, Domains, Allowed Value Tables) are migrated from COOL:BusinessTeam (or from GroundWorks, Bachman/Analyst) to AllFusion ERwin.
- The System Maps to the physical model, which are found in the COOL:BusinessTeam/GroundWorks model, are evaluated, and physical names are inserted into the AllFusion ERwin model for Tables and Columns.  
Remark: Additional physical information can be added to the migrated model, and the model can be updated, by using AllFusion ERwin's "Complete Compare" function.
- Allowed Value Tables from COOL:BusinessTeam/GroundWorks are migrated to Table Validation Rules in AllFusion ERwin.
- When migrating models from COOL:BusinessTeam to AllFusion ERwin, Filters are translated to Subject Areas in AllFusion ERwin, and the layout of the Entity-Relationship Diagrams is reproduced to a high degree. For GroundWorks, the layout of the whole Entity Model is reproduced, and for the Filters a default layout is generated.

Migration Process: To migrate a COOL:BusinessTeam/GroundWorks model to AllFusion ERwin, it must be exported into a VAR file. The TOOLBUS Interface generates a XML file for AllFusion ERwin 4.1 from the VAR export file.

## 2. Migration of Physical Models from COOL:DBA to AllFusion ERwin:

- Relational Models (Databases, Tables, Columns, Indexes, etc.) are migrated from COOL:DBA (or from Terrain, Bachman/DBA) to AllFusion ERwin.
- The System Maps to the logical model, which are found in the COOL:DBA/Terrain model, are evaluated, and logical names are inserted into the AllFusion ERwin model for Entities and Attributes.

Migration Process: To migrate a COOL:DBA model to AllFusion ERwin 4.1, the model must be exported into a VAR file. The TOOLBUS Interface generates a XML file for AllFusion ERwin 4.1 from the VAR export file.

## 3. Migration of Logical & Physical Models from COOL:BusinessTeam and COOL:DBA to AllFusion ERwin:

The export files from COOL:BusinessTeam and COOL:DBA are migrated together:

- The Logical Model in AllFusion ERwin is created from the COOL:BusinessTeam (or GroundWorks) model, as described for migration path 1 above.
- The Physical Model in AllFusion ERwin is created from the COOL:DBA (or Terrain) model, as described for migration path 2 above.
- The System Maps to the Logical Model, which are found in the COOL:DBA/Terrain model, are evaluated, and links to the logical names are inserted into the AllFusion ERwin model for Entities and Attributes.

Migration Process: To migrate a COOL:BusinessTeam model together with a COOL:DBA model to AllFusion ERwin 4.1, both models must be exported into VAR files. The TOOLBUS Interface generates an XML file for AllFusion ERwin 4.1 from the VAR export files.

## Platform:

The TOOLBUS Interface for AllFusion AllFusion ERwin and COOL:BusinessTeam/DBA requires Microsoft Windows NT/2000/XP.

The TOOLBUS Interface supports the migration of Logical Models from the following Bachman tools to AllFusion ERwin 4.1:

- COOL:BusinessTeam 1.2, 1.2a
- GroundWorks 1.x, 2.x
- Bachman/Analyst 4.15, 4.20, 4.30 and 4.4

The TOOLBUS Interface supports the migration of Physical Models from the following Bachman tools to AllFusion AllFusion ERwin 4.1:

- COOL:DBA 2.1
- Terrain for DB2 5.2, 5.3. 5.4
- Bachman/DBA 4.4



This TOOLBUS Interface is **ca smart** certified (Please visit <http://www.ca.com/casmart>).