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# TOOLBUS Interface for Advantage Gen and COOL:BusinessTeam Version 1

## Data Sheet

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### Function

The TOOLBUS Interface for **Advantage Gen for Enterprise Servers** (formerly available as **IEF / Composer / COOL:Gen**) and **COOL:BusinessTeam** (formerly available as **Bachman/Analyst / GroundWorks**) enables exchange of Data Models between Advantage Gen and COOL:BusinessTeam in both directions:

- Entities, Relationships and Attributes are bi-directionally migrated with their properties and textual descriptions.
- Type and Length information of COOL:BusinessTeam Domains is mapped to Type and Length properties of Attributes in Advantage Gen.  
Remark: The names and textual descriptions of Domains in COOL:BusinessTeam are lost, as Advantage Gen does not support Domains as an own object type.
- Filter Views of COOL:BusinessTeam Data Models are mapped to Scoped Data Models in Advantage Gen, and vice versa. The layout of the Entity-Relationship models is reproduced to a high degree in both directions.
- The maps from Entities to Tables, and from Attributes to Columns in COOL:BusinessTeam are migrated to DSDNAMEs in Advantage Gen (one map per Entity or Attribute).

### Migration Process

To migrate a model from COOL:BusinessTeam to Advantage Gen an export file (.VAR file) is created by the export function of COOL:BusinessTeam. The .VAR file is converted to a standard interface file called "TOOLBUS". The TOOLBUS interface programs generate a new model in a Toolset Encyclopedia (\*.IEF subdirectory) with the Update API of Advantage Gen. This model can be checked in from the Toolset Encyclopedia to a Advantage Gen Client/Server Encyclopedia, or to the host encyclopedia.

To migrate a model from Advantage Gen to COOL:BusinessTeam the model is exported from the Toolset Encyclopedia with the Read API of Advantage Gen to an intermediate TOOLBUS File. The TOOLBUS interface programs generate an COOL:BusinessTeam .VAR import file from the intermediate TOOLBUS file. During migration between Advantage Gen and COOL:BusinessTeam the models are transformed to compensate the differences between the information models of the two tools.

### Platform

The TOOLBUS Interface for Advantage Gen and COOL:BusinessTeam requires Microsoft Windows NT/2000/XP. It supports COOL:BusinessTeam releases 1.2 and 1.2a, Bachman/Analyst Releases 4.15, 4.20, 4.30 and 4.4, GroundWorks Releases 1 and 2, and Advantage Gen Versions 4.1a, 5.0, 5.1, 5.2 and 6.0.