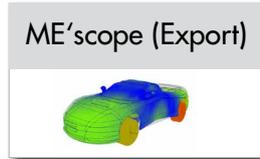
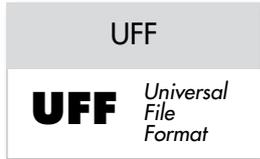
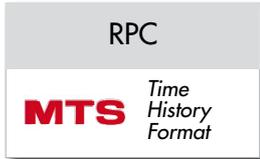


**ArtemiS SUITE Advanced Import & Export Module (Code 5023)**

Expansion module for importing and exporting measurement data and analysis results



**Overview**

In addition to the import and export options (Wave, ASCII, ATEFX, MP3) already included in the Basic Framework of the ArtemiS SUITE the Import & Export Module provides several special formats: MATLAB®, Ogg Vorbis, RPC, SDF, UFF and ME'scope.

With ASM 23 all settings relevant for the import can be adjusted in a clear-structured window. If a format conversion is necessary, the Import & Export Module performs the required operations in the background.

**Features**

- Expansion module of the ArtemiS SUITE with import and export options

**MATLAB®**

- With ASM 23, all information contained in an HDF file (time-domain signal or analysis results), such as channels, abscissas, nodes, pulse data etc., can be exported to a MAT file without the need for MATLAB being installed.
- The format of the exported MAT files is compatible with MATLAB 6.
- The MAT files can be further processed with MATLAB and then imported back into the ArtemiS SUITE.
- Only MAT files saved to a format compatible with MATLAB 6 and containing the same structure as the exported file can be re-imported.

**Ogg Vorbis**

- Import: Audio signals (Ogg files)
- Export: With adjustable range and fading options

**RPC**

- MTS RPC-III time history format (time data)

**SDF**

- Hewlett Packard Standard Data format (time data, SDF data)

**UFF**

- Universal File format UFF 58 and UFF 58b (analysis and time data, UFF data)

**ME'scopeVES [export only]**

- Export of (filtered, analyzed, and statistically evaluated) input signals from the Destination Pool of a Pool project to the ME'scope format

**Requirements**

- ArtemiS SUITE Basic Framework (Code 5000)

**Scope of Supply**

- License file
  - ArtemiS SUITE Advanced Import & Export Module (Code 5023)

## Technical Data

### Ogg-Vorbis

Conversion Quality:	Using the slider to specify the conversion quality
Dynamic Range:	The modulation range of the HDF signal is transferred 1:1 to the Ogg Vorbis signal. The maximum amplitude within the file is detected and adapted to the highest possible value of the Ogg Vorbis file. Declaration of the signal level producing full modulation of the Ogg Vorbis signal-
Export Pulse Data:	Pulse data will be stored to an additional OGGPLUS file
Fade in/out:	Length of the fading adjustable
Duration [ms]:	Specify the duration of the fading in ms for fading in and out

### UFF

Combination of multiple HDF files into one UFF file  
DOF (Degree of Freedom) will be generated using the channel name  
Binary format (UFF 58b): Selectable