

AWR Analyst V22.1 Release Notes

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Analyst Release Notes

The Cadence® Analyst™ 3D FEM EM analysis software V22.1 includes the following updates and migration issues.

Changes and Improvements

This release contains primarily minor improvements to the software. More notable changes are documented here.

Meshing

Meshing is both faster and more robust, particularly on very complex geometries containing many small entities.

Simulation - MICHELLE (Analyst-MP Only)

A new version of MICHELLE is available with this version of Cadence® Analyst™-MP multi-physics simulator software.

Migration Issues

The following are issues you need to address when migrating from an Analyst V16 software release to an Analyst V22.1 software release. Not all topics apply to every user. If you are not familiar with a topic or program feature included here, it probably does not apply to your use of the software. You should read about all of the issues before developing your migration strategy. You can contact [Technical Support for AWR Products](#) with any questions.

Version-Independent Migration Issues

The items in this section address moving files and settings from one software version to another. Some of these files and settings are automatically migrated from a previous version of the software to the current version.

NOTE: Ensure that your Windows® Explorer program is set to show hidden and system files.

Files Automatically Migrated

All files from the *All Users App Data Directory* and the *User App Data Directory* are copied to their correct locations when you start the new version of Analyst software for the first time. Also included are the user preferences file, hotkey file, layout of the design environment, job queues, and other settings. See [“Showing Files and Folders”](#) for details. Note that for migration to occur, these directories must be in their default locations.

Files NOT Automatically Migrated

The Analyst software license file is not migrated, however the location of the license file is migrated in the user preferences file.

Transferring Preference Files to Different User or Machine

There may be situations where you want to transfer preferences from one user to another or from one machine to another. To do so, use the following steps.

To transfer **user** preferences to a different user or machine:

1. Locate the folder on the source machine: *C:\Users\<source username>\AppData\Roaming\AWR\Analyst\<version number e.g. 14.0>*.

2. Copy the *UserPython* folder, and the *DockPanelLayout.xml*, *Preferences.xml*, *RecentFiles.txt*, *ToolBarLayout.xml*, and *Windows.xml* files from this folder.
3. Locate the folder on the destination machine: *C:\Users\<destination username>\AppData\Roaming\AWR\Analyst\15.0*. Create the folder if it does not exist.
4. Paste the copied items into the destination folder.

To transfer **all-user** preferences to a different machine:

1. Locate the folder on the source machine: *C:\ProgramData\AWR\Analyst\<version number e.g. 14.0>*.
2. Copy *Preferences.xml* from the version folder.
3. Locate the folder on the destination machine: *C:\ProgramData\AWR\Analyst\15.0*. Create the folder if it does not exist.
4. Paste the copied file into the destination folder.

When you start Analyst software on the destination machine or under the new user, the transferred preferences and other settings are used.

Other Concerns

Project Compatibility

Analyst software project files (*.apz) are backward-compatible, so you can open projects created in an older version of Analyst in the current version of Analyst.

Multiple Versions

You can have any number of Analyst software versions on your machine. Each version has its own **Start** menu entry, with no registry conflicts between them. If you double-click on an Analyst software project file (*.apz), it opens in the most recently installed compatible version of Analyst software.

Resetting the Temporary Directory

You can reset the *Temporary Directory* via the **File Management / Temporary File Folder** environment variable when there is no model open. See [“Setting Environment Properties”](#) for details. The change takes effect for future models after saving the change.