

Release Notes



Revision 151 of AMLS 5.2 / FastFRS 2.2

February 2022

1. AMLS

CAUTION: starting from AMLS 5.2 the new FlexIm daemon v11.16 and an updated AMLS 5.2 license file are required. The updated daemon and license file are backward compatible with AMLS 5.1. Please see the installation manual for detailed instructions.

CAUTION: End of support warnings

- This is the last AMLS release that officially supports the RHEL/CentOS 6.x operating system by default
- This is the last AMLS delivery database release that officially supports MSC-Nastran 2016 and NX-Nastran 11 by default

CDH/AMLS - Enhancements version 5.2.r151 compared to 5.2.r122

- Support added for the ADVENTURECluster FE solver from Allied Engineering
- Some minor and very rarely encountered bug-fixes
- Improvements for future features

2. FastFRS

CDH/FastFRS - Enhancements version 2.2.r151 compared to 2.2.r122:

- In case of complex modal stiffness matrix, CSVEIGV=YES was not able to export csv file "modal_info_struct.csv". This error has been corrected
- File name of csv format output for modal information has been changed to "modal_info_struc.csv"
- Several smaller performance enhancements and bug-fixes



3. Nastran Delivery Data Bases (DDB)

In this release the DDB for the following versions of Nastran are available:

- MSC: 2016, 2017, 2018, 2019, 2019FP1, 2020SP1, 2021.0
2021.1, 2021.2, 2021.3, 2021.4
- NX/SC: 11, 12, 2019.2, 2020.1, 2020.2, 2021.1, 2021.2

As of the current DDB release, AMLS_20172 and AMLS_20182 can be used for all MSC-Nastran 2017 and 2018 sub-versions, respectively.

CAUTION: This is the last DDB release that officially supports MSC 2016 and NX 11 by default.

For extended long-term support of an older DDB version, please contact: support@cdh-ag.com. Please note that every new release of the AMLS DDBs is stamped with the creation date, which can be seen in the f06 file:

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*****
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**
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The following items have been updated in both MSC and NX/SC DDBs.

- Implemented support for MSC-Nastran 2021.3, 2021.4 and NX/SimCenter-Nastran 2021.2
- In FRF-substructure applications, wrong acoustic responses were found in case a complex DMIG K2PP matrix (typically from modal tires) is present in

the model for the response run (step 2 run). This error has been corrected.

- FRF-substructuring is able to output OP4 files for the external CDH/TPA software to further streamline the transfer path analysis process.
- Enhanced support for ODS requests for FD-element and FRF-substructure applications at 2-step run.

In case of further questions please contact: support@cdh-ag.com

End of Release Notes

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