



## Software Release Notes for nordicICE v4.0.3

Revision 1

Date: January 28<sup>th</sup> 2016

Approved by: Marte Thuen

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*NOTE: The most current documentation for released products is available on [www.nordicneurolab.com/HelpAll/nordicICE/](http://www.nordicneurolab.com/HelpAll/nordicICE/). The online documentation may contain updated information on modifications made and issues reported after this document was issued.*

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### Introduction

These release notes accompanies version 4.0.3 of nordicICE. This version of nordicICE includes several new enhancements and bug-fixes, such as:

- Batch processing of ASL analysis has been added.
- Improvements to the pixel edit functionality.
- Improvements to batch ROI analysis.
- Batch processing: improvements to file searching.

### Supplementary Notes

**Older versions of nordicICE and nordicBrainEx:** Older versions of nordicICE may not coexist with version 4.0 on the same computer. The user will be asked to uninstall if an older version exists upon installation of version 4.0. If the user chooses to keep the old database during uninstallation, these image data must be reimported into the new database. The default location for the old database image folder is C:\DBFolder, but this may have been changed by the user.

nordicICE and nordicBrainEx may coexist on the same computer, but will no longer share database. If you want to use the images located in the nordicBrainEx database, please import these from the folder where they are located (Unless changed by the user, these are located in C:\DBFolder, the same location as for older nICE versions).

**License system:** If the user chooses to downgrade from nordicICE version 4.0 to 2.3.14 this implies some technical issues related to the license system. Please contact>NNL Customer Support.

If nordicICE is installed on Windows 10, there may occur a problem with the licensing system. If this happens, please contact support.

## Contact

For questions or problems, please contact support:

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## Known issues and limitations

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|----------|--|
| #215     | BOLD module: A mismatch may occur between the activation maps chosen in the interaction panel and the activation maps actually shown.  |
| #442     | Opening the volume renderer, done when DTI fibres are visualized, may cause the application to crash on some computers. This is related to Intel graphics cards.<br><br>Workaround: Use NVIDIA or AMD graphics cards if possible.  |
| #471     | If the patient-/study-/series name contains non-standard characters (characters that aren't allowed to be used in folder names in windows), the export will fail if you attempt to export using the name in question for folder structure.<br><br>Workaround: Export without creating a patient name/study/series folder (depending on which name contained the illegal characters). |
| #474/391 | The Enhanced MR Dicom format is not supported by nICE in all situations. Some of these situations include 1) saving an image stack created from the MPR that was originally based on Enhanced MR and 2) loading an image series stored in Enhanced MR format where not all the images are in one file.   |
| #485     | A derived images series is saved as RGB images if a palette other than greyscale is used.  |
| #529     | Validation and backup functions for database do not work properly in this version.   |

- #589      If the user changes the location of the image data (DBFolder) and uninstall and installs again (either the same version or an upgrade), the information about the location of the image data is lost.  
Workaround: After installation, edit the file  
C:\ProgramData\NordicNeuroLab\nordicICE\Config\nDC.ini.  
The file contains a line that begins with DBfolder=  
The content after the “=” should be replaced with the path of the true location of the image data.
- #629      Philips scaling factors removed during anonymization. Some Philips series operate with proprietary scaling factors in the tags (2005,100D/100E) that are necessary to create quantitative maps. These are not present in data anonymized with nICE if the checkbox "All other tags" is checked.
- #668      Temporal resolution in DCE analysis in batch module. If several DCE series are analyzed in the batch module, and there are some series with temporal resolution in the header and some series without, the default setting for temporal resolution set in the batch interface is not necessarily used for all the series that do not have temporal resolution.
- #709      If a series is shown as overlay on a series that has previously been coregistered to another series, this coregistration transformation will be used for the underlay. The user will, however, be warned that the overlay and underlay are not coregistered.