



PRODUCT RELEASE ANNOUNCEMENT

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Product Group	NX and CATIA ICEM Surf
Release Version	21.2

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History

Revision	Update Information
1.0	Support for NX 10, 11, 12



Product Codes

Product Code **Product Description**

NXSDB-B1	NX to CATIA ICEM Surf Bi-directional



Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
Siemens NX	NX
ICEM Surf	Up to 2017.1

Supporting API's

The following supporting API versions are used

Application	Revision
Surf DB	4.12

Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 7 64bit	Qualified and fully supported
Windows 10 64bit	Qualified and fully supported for ICEM Surf 2016/2017

Distribution Media

Msi packages of the latest release are available from the following download site.

Product	URL for msi downloads
Support for ALL Versions	NXSDB Product Installer
	Flex License Server Installer
	Theorem UI Installer

New Features / Enhancements

The following new features or enhancements have been introduced with this release. This document also includes fixes for customers moving from a pre-20.X release

Ref ID New Feature / Enhancement Description

1	The product can now be used in conjunction with the Theorem UI. This allows translation configurations to be created and maintained enabling flexible translation capabilities in a simple to use 'drag and drop' interface. This is a separate installation via an msi (see above)
2	Configurations can be named to suit the type of data and translation. E.g. "NX11 from Company X"
3	Named Configurations can now be used on the command line e.g. cad_run_UI.cmd NX11_SurfDB -c "My NX Surf Config" -i input.part -o output.icem
4	The installer now uses MicroSoft Installer. By default this will install the software to C:\Program Files. This can be changed at the point of installation
5	FlexLM is now part of a separate installation process and has its own msi
6	Convergent Modelling data (introduced by Siemens at NX11) is now converted to Surf
7	Colours are now supported when translating from NX into Surf



Known Limitations and Restrictions

The following limitations and restrictions have been identified during final testing prior to release.

Ref ID	Limitations and Restrictions
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1	Only single configurations can currently be used interactively in ICEM Surf. To choose a new configuration ICEM Surf must be closed and a new configuration added via the kddat files.
2	



Resolved Support Calls

The following list of Support Calls are resolved with this release. As well as support for NX12 this release also includes fixes for customers moving from a pre-20.X release

Support Call ID	Brief Description
CAS-02393	Theorem direct converter quality problem have been addressed using new shipped config files or the equivalent commands
CAS-03246	NX<>ICEM: Part which looped when writing to NX now completes successfully
CAS-03247	Theorem direct converter quality problem have been addressed using new shipped config files or the equivalent commands
CAS-03631	Improved results when translating circular surfaces from NX to ICEM can be achieved using prepsol
CAS-03675	Part imports correctly when using trim_face_surfs

