**TC** = Test Case (provided by the OCX consortium)

| Importer release notes | Exporter release notes |
|---|---|
| **V0.5.7 - beta 2**<br>Release date: Jan-2026 | |
| **Milestones Achieved**<br>• Resolving seam defects by adjusting tolerance specifications<br>• Manual endcut initialization<br>• Sketch-based brackets implementation<br>**Next Steps**<br>• Automatic endcut initialization using predefined data setup<br>• Collars implementation | **Milestones Achieved**<br>• Seam types: Implemented support for different seam type configurations using intersection and projection calculations between elements<br>• Stiffener Endcuts: Full export capability now available; schema updates scheduled for upcoming versions<br>• Slots, Collars and Openings: Major enhancements to functionality and reliability<br>**Next Steps**<br>• NURBS Import: Models containing complex NURBS surfaces to be exported and imported successfully<br>• Stiffener Calculations: Enhanced accuracy for stiffener inclination angles and center of gravity (CoG) computations |
| **V0.5.6 - beta 2**<br>Release date: Dec-2025 | |
| **Milestones Achieved**<br>• Integration into CAA is largely complete; work on compartments is still ongoing<br>• Improved orientation handling for curve limits<br>• Implemented limiting of NURBS surfaces using boundary curves<br>**Next Steps**<br>• Further improvements to NURBS surface limiting (this functionality will also be reused for compartments)<br>• Implementation of end cuts | **Milestones Achieved**<br>• Improved accuracy of plate outer contours<br>• Extended support for covered panels, including NURBS surfaces and non-SRS planes<br>• Enhanced handling of complex NURBS surfaces<br>• Implemented GUID persistence, ensuring identifiers remain consistent across exports<br>**Next Steps**<br>• Further refinement of seam calculations. |
| **V0.5.6 - beta 2**<br>Release date: Oct-2025 | |
| **Milestones Achieved**<br>• Integration into the 3DEXPERIENCE platform has been completed, with further improvements planned for stiffener orientation and handling of more complex opening shapes<br>**Next Steps**<br>• Development is ongoing for slots with collars and end-cut functionality. | **Milestones Achieved**<br>• Test Round 2.1 has been successfully completed, and work on Test Round 3 is in progress.<br>**Next Steps**<br>• NURBS-related functionality is currently under development.<br>• Sketch-based seam capabilities are under development. |
| *V0.5.5 - beta 2*<br>Release date: June-2025 | |

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| • Integration in 3DEXPERIENCE in progress<br><br>• BETA version testing with client | • ALPHA version testing with client |

### V0.5.4 - beta 2
Release  date: Dec-2024

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| • Integration into 3DEXPERIENCE has begun<br>• Successfully creating UI from active program<br>• Successfully loading .3docx files<br>• Stiffener orientation is fixed | • Added more opening types, including sketch based<br>• Restructured and redesigned most of the code<br>• Time improvement by optimizing certain functions<br>• Added GUID functionality |

### V0.5.3 - beta 2
Release  date: Sep-2024

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| • Complex compartments are successfully imported with closed surface and volume and CoG parameters<br>• Knuckle panel improvements<br>• Mapping is improved to have standard values | • Added multiple panel support<br>• Successfully fetching data for openings<br>• TC1-TC7 successfully exported and validated |

### V0.5.2 - beta 2
Release date: Aug-2024

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| • Slots are created successfully<br>• TC8 is imported without slots and endcuts<br>• Stiffeners are mapped and can be modified in the UI | • The exporter has been updated to schema version 3.0.0<br>• Extracting and formatting stiffener data<br>• Fetching material, physical properties and class catalogue data<br>• TC3 successfully exported and validated |

### V0.5.1 - beta 2
Release date: Jul-2024

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| • Works with schema version 3.0.0 rc3<br>• Stiffeners are successfully created on non-smooth surfaces<br>• OCX Importer is successfully running in R2024x FD02 3DExperience Native client | • The exporter has been updated to support version 3.0.0 rc6<br>• TC1 and TC2 were successfully exported and validated<br>• INI settings have been created to allow users to enter data |

### V0.2.2 - beta 1
Release date: Jan-2024

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| Works with schema version 3.0.0 rc3 | / |

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| **Known issues:**<br>• OCX files covers 60% of OCX schema<br>• Not all openings are being created; this is a work in progress | |
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| *v0.2.1 - beta 1*<br>Release date: Jul-2023 | |
| **Known issues:**<br>• Some panels are created with a duplicate which cannot be updated and needs to be deleted<br>• Some OCX files may contain unsupported attributes or elements, we need more models to test with<br>• Some OCX files may lead to 3DEXPERIENCE and/or AITAC OCX eXchanger crashing. We need more files to identify the cause.<br>• Not all openings are being created, we're looking into the issue. | / |

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| *v0.1.3 - release 4*<br>Release date: Apr-2023 | |
| • NURBS - implemented with limitations<br><br>**Structure**<br>• Stiffeners mostly done - added possibility to use existing SRS planes as Stiffener support<br>• Stiffener on the free edge<br>• Openings - creating parametric openings (Round, Oblong, Rectangular) | • NURBS - under development<br><br>**Structure**<br>• Basic implementation of panels |

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| *v0.1.2 - release 3*<br>Release date: Mar-2023 | |
| • Sketch<br>• NURBS - no solution available<br><br>**Structure** | • Basic Geometry<br>• Line, Arc, Circle, Polyline<br>• Surface from closed 2d curve<br>• NURBS - currently blocking issue<br><br>**Structure** |

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| • Panels mostly done - implementing usage of different types as supports and limits<br>• Stiffeners mostly done | • Panel - basic implementation |
| *v0.1.1 - release 2*<br>Release date: Nov-2022 | |
| • Basic Geometry<br>• Line, Arc, Circle, Polyline<br>• Surface from closed 2d curve<br>• NURBS<br><br>**Structure**<br>• Panel - basic implementation of panels<br>• Stiffener - basic implementation of stiffeners<br>• Bracket - implemented as panels<br>• Opening - implemented as closed contours with 3d axis positioning | / |
| *v0.1.0 - Initial release*<br>Release date: Sep-2022 | |