GENIUS TOOLS®

DEVELOPED BY EXPERTS, PERFECTLY INTEGRATED

GENIUS TOOLS FOR WINDCHILL

Keeping product data up to date in various formats is vital throughout the lifecycle of a product. From design and development; to production and quality assurance; to processing in ERP systems. The GENIUS TOOLS® for Windchill extend the functionalities already available in PTC Windchill without you becoming a programmer as an administrator.

GENIUS TOOLS®

EVERYTHING FROM A SINGLE SOURCE - SEAMLESSLY INTEGRATED - NOW AVAILABLE IN BUNDLES

The Plugins of GENIUS TOOLS® for Windchill product range enables the most frequently requested process extension to be deployed directly into the Windchill user interface. No programming is required, greatly reducing the complexity of performing a Windchill upgrade.

BUNDLES AT A GLANCE

USABILITY BUNDLE

GENIUS TOOLS
OPEN VISUALIZATION PLUGIN

Direct download of existing visualization data (PDF, STEP, IGES, …)

GENIUS TOOLS
WTPART ICON PLUGIN

Activation of end-item symbols for WTPart subtypes

GENIUS TOOLS
BANNER MESSAGE PLUGIN

Easily configurable message in Windchill banner

GENIUS TOOLS
LATEST VERSION PLUGIN

Indicates whether a versioned object is the latest iteration of the latest revision

The USABILITY BUNDLE is included in every other Bundle.

GENIUS TOOLS ADMINISTRATION BUNDLE

GENIUS TOOLS
ADMIN TOOLS PLUGIN

- ACL utility to get access rights
- Reassign Lifecycle Utility
- Enumeration Details Tables showing the internal and translated values for lifecycle states and roles
- Context push to copy ACLs or roles from one context to another
- Enumeration generator to generate a partial load file for a global enumeration

GENIUS TOOLS
WINDCHILL EXPORT/ LOAD PLUGIN

- Export and import of Windchill business configuration
- For transferring a configuration e.g., from a test system to the production system

GENIUS TOOLS
WINDCHILL LICENSE MANAGER PLUGIN

- Simplified administration of allocation of Windchill licenses

GENIUS TOOLS
ACTIVE USERS PLUGIN

- Simplifies the display of logged-in users in Windchill
- The information has a delay depending on the Apache session timeout

GENIUS TOOLS PUBLISHING BUNDLE

GENIUS TOOLS
ENHANCED PUBLISHING PLUGIN

- Produce standard formats of Creo 2D and 3D data (STEP, IGES, PDF, DXF, HPGL, DWG, CGM)
- Set priorities of publishing jobs based on sophisticated filter criteria
- Publishing of "newest", "as stored", "released"
- Directly integrated into the worker process, without additional application
- Can be integrated into the release process

- Lifecycle dependent format configuration
- Can be configured directly in the Windchill Preference Manager
- Support for multiple queues to separate 2D and 3D publishing

GENIUS TOOLS
VIEWABLE CLEANUP PLUGIN

- Clean up obsolete visualisations
- Free up hard disk space
- Controlled via the Windchill Task Scheduler
- Automated data maintenance in the background without any admin user interactions

- Support of all formats generated by Enhanced Publishing
- Extends hardware life
- Optimises Windchill performance

GENIUS TOOLS PROCESS BUNDLE

GENIUS TOOLS
BUSINESS RULES PLUGIN

- Create, edit, delete business rules through the Windchill user interface
- Enable and disable business rules as needed
- On the fly review of change notifications, change tasks or increase requests

- The plugin comes with the following customizable rules:
  - BOM has line number rule
  - Part has document rule
  - Part document phase test
  - Part parent-child phase test
  - CAD drawing has the latest 3D model rule

GENIUS TOOLS
INVALIDATE PLUGIN

- Sets "old" released versions to another defined lifecycle status (e.g. invalid, obsolete, ...)

- Usable via a status change and/or a workflow

GENIUS TOOLS
RESETTER PLUGIN

- Reset of defined attributes when "Revising" or "Save as"

- Valid for: WTPart, EPMDocumet and WT Document

GENIUS TOOLS FOR WINDCHILL COMPLETE PACKAGE

Do you need more then the functionality of the individual bundles?
Attractive Packages are available, please ask your sales representive.

RELEASE INFORMATION BUNDLE

GENIUS TOOLS
RELEASE INFORMATION PLUGIN

- Creator and date of initial version in Creo
- Change notes and history as parameters directly in Creo
- Release and Review user info from the Windchill process in Creo
- Process and change history as system attributes
- All information usable in the title block of the Creo drawing

- Applicable for as-built data
- Full support for Windchill standard and customized release processes
- All data can be included when publishing drawings into neutral format

GENIUS TOOLS
PDF STAMP PLUGIN

- Watermarks and stamps on drawings
- Mark drawings that are no longer current when opening or exporting
- For as-built data, no republishing required
- Placeholder for any attributes from Windchill
- Font, size and shape adjustable
- Automatic alignment along the diagonals of a sheet
- Include and exclude pages by filter
- Barcode support via barcode fonts

- Unicode fonts usable without additional applications
- Can be integrated into the release process
- Lifecycle-dependent format configuration
- Directly configurable in the Windchill Preference Manager
- Support for multiple queues for the separation of 2D and 3D publications

GENIUS TOOLS DATA EXPORT BUNDLE

GENIUS TOOLS
VIEWABLE EXPORT PLUGIN

- Automatic export of neutral formats of 2D and 3D data to file system
- Download complete drawing sets with one mouse click
- Automatically populate other systems such as web-shops and customer portals

- Post-process support for automated post-processing
- Splitting PDF files
- Integration into the release process
- File naming based on Windchill attributes

GENIUS TOOLS
BOM EXPORT PLUGIN

- Export bills of material into the file system
- Support XML and ASCII formats
- Multiple bill of material format options
- Post-process support for automated post-processing

- Synchronisation of part master data and material masters
- Integration into the release process
- Can handle large quantities of data
- Style sheet support allowing complete control of file format

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YOUR ADVANTAGES WITH GENIUS TOOLS FOR WINDCHILL

ptc | partner network channel

platinum reseller

- Individual Windchill configuration without programming
- No rework for software updates
- Fully integrated into Windchill
- Different configurations for different product ranges
- Compatible with Windchill backup technology
- Change settings without Windchill restart

SATISFIED CUSTOMERS

RENNSTEIG

"We want to become paperless in manufacturing, for this we use the GENIUS TOOLS for Windchill from INNEO. This makes it possible to create more than one neutral format when checking in a part."

sedus

"INNEO's Startup TOOLS and INNEO GENIUS TOOLS for Windchill solutions provide us with useful additional functionality."