



GENIUS TOOLS® for Windchill

Perfectly integrated, optimally automated

From design and development through to manufacturing and quality assurance, and onwards to further processing in ERP systems – up-to-date product and process data is required throughout the entire product lifecycle.

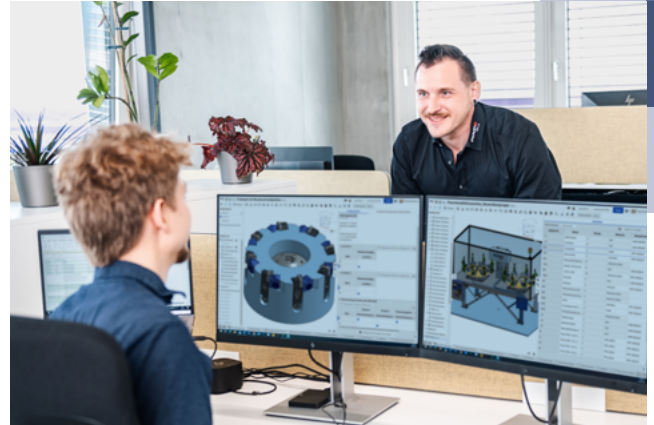
GENIUS TOOLS® for Windchill extend the functionality already available in PTC Windchill, without requiring administrators to become programmers.

GENIUS TOOLS®

**All from a single source –
optimally integrated and combinable**

The plugins in the GENIUS TOOLS for Windchill product range enable the most commonly required adaptations to company-specific processes directly within the familiar Windchill interface.

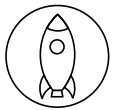
No programming is required, which also eliminates update issues during release changes.



Bundles at a glance:



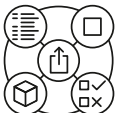
GENIUS TOOLS® Usability Bundle



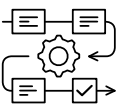
GENIUS TOOLS® Release Information Bundle



GENIUS TOOLS® Publishing Bundle



GENIUS TOOLS® Data Export Bundle



GENIUS TOOLS® Process Bundle



GENIUS TOOLS® Administration Bundle

Bundles at a glance:



GENIUS TOOLS® Usability Bundle

Open Visualization Plugin

- Direct download from the Windchill user interface (PDF, STEP, IGES and more)

Banner Message Plugin

- Easily configurable messages in the Windchill banner

Multi State Icon Plugin

- Additional icons for graphical display of lifecycle information such as lifecycle status, REACH and RoHS

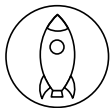
WTpart Icon Plugin

- Enable custom icons for WTParts
- Enable custom icons for EPM documents

Latest Version Plugin

- Displays whether a versioned object represents the latest iteration of the latest revision

The Usability Bundle is included in all other bundles.



GENIUS TOOLS® Release Information Bundle

Release Information Plugin

- Transfer the original creator and date of the initial version to CAD
- Transfer change comments and change history directly to CAD as attributes
- Transfer approvers and reviewers from the Windchill process to CAD
- Stored as secure system attributes
- All information can be used in the title block of the CAD* drawing
- Also applicable to existing data
- Full support for Windchill standard and customized release processes
- Usable when publishing drawings to neutral formats

PDF Stamp Plugin

- Apply watermarks and stamps to drawings
- Automatically mark outdated drawings when opened or exported
- Works with existing data without requiring republishing
- Use placeholders for Windchill attributes
- Adjustable font, size and formatting
- Automatic diagonal alignment on the drawing sheet
- Page filtering options available

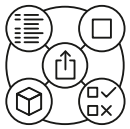
*CAD = Creo, Inventor, SolidWorks, NX



GENIUS TOOLS® Publishing Bundle

Enhanced Publishing Plugin

- Create neutral formats for Creo 2D and 3D data including: STEP, IGES, PDF, DXF, HPGL, DWG, CGM
- Prioritise publishing jobs using advanced filtering rules
- State publishing options including: Latest, As Stored, As Released
- Integrated directly into the worker process without additional applications
- Integration into release workflows
- Lifecycle-based format configuration
- Configuration directly via the Windchill Settings Manager
- Support for multiple queues to separate 2D and 3D publishing processes
- Support for additional formats created through Enhanced Publishing
- Extended hardware lifespan
- Improved Windchill performance



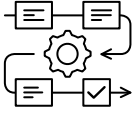
GENIUS TOOLS® Data Export Bundle

Viewable Export Plugin

- Automatic export of neutral formats for 2D and 3D data to local storage
- Download complete drawing sets with a single click
- Provide data to web shops and customer portals
- Post-processing support for automated follow-up tasks
- Split PDF files automatically
- Integration into release workflows
- Initial data loading
- File naming based on Windchill attributes

Bom Export Plugin

- Split PDF files automatically
- Integration into release workflows
- Initial data loading
- File naming based on Windchill attributes
- Synchronisation of item master data and material master data
- Integration into release workflows
- Initial data loading
- Stylesheet support



GENIUS TOOLS® Process Bundle

Enhanced Publishing Plugin

- Create, edit and delete business rules directly via the Windchill user interface
 - Enable or disable rules when required
 - On-the-fly validation of change notices, change tasks or promotion requests
- The plugin includes the following configurable rules:
 - Bill of Materials has a line number rule
 - Part has a document rule
 - Part-document phase check
 - Part parent-child phase check
 - CAD drawing has a latest 3D model rule

Invalidate Plugin

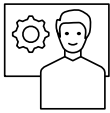
- Automatically set older released versions to another lifecycle state (e.g. invalid or obsolete)
- Can be triggered through lifecycle changes or workflows

Resetter Plugin

- Reset defined attributes during revise or save as operations
- Applicable to WTPart, EPMDocument and WTDocument

Visualization Guard Plugin

- Verifies visualisation status as part of workflow execution



GENIUS TOOLS® Administration Bundle

Admin Tools Plugin

- Context push to copy ACLs or roles between contexts
- Enumeration generator to create partial load files for global enumerations
- ACL utility to retrieve access permissions
- Lifecycle reassignment utility
- Tables displaying internal and translated lifecycle and role values

Windchill Export/ Load Plugin

- Export and import Windchill business configurations
- Transfer configurations from test environments to production systems

Active Users Plugin

- Simplified display of currently logged-in users in Windchill
- Information delay depending on Apache session timeout

Windchill License Manager Plugin

- Simplified management of Windchill licence assignments

SSL Information Plugin

- Automatic reminders before SSL certificates expire

Your benefits with GENIUS TOOLS® for Windchill:

- Custom Windchill configuration without programming effort
- No rework required when during release changes
- Fully integrated into Windchill
- Different configurations for different product portfolios
- Windchill backup technology
- Settings can be changed without restarting Windchill



GENIUS TOOLS® for Windchill Packages

GENIUS TOOLS® for Windchill are available either as bundles or as packages with attractive pricing.

GENIUS TOOLS® for Windchill Package includes:

- GENIUS TOOLS® Usability Bundle
- GENIUS TOOLS® Release Information Bundle
- GENIUS TOOLS® Publishing Bundle
- GENIUS TOOLS® Data Export Bundle

GENIUS TOOLS® for Windchill Enterprise Package includes:

- GENIUS TOOLS® Usability Bundle
- GENIUS TOOLS® Release Information Bundle
- GENIUS TOOLS® Publishing Bundle
- GENIUS TOOLS® Data Export Bundle
- GENIUS TOOLS® Process Bundle
- GENIUS TOOLS® Administration Bundle

Customer feedback



„We want to become paperless in manufacturing,“ explains Lichtenheld.
„To achieve this, we use GENIUS TOOLS for Windchill from INNEO. This allows us to generate multiple neutral formats when checking in a part.“

Rennsteig Werkzeuge GmbH



„The INNEO solutions Startup TOOLS and GENIUS TOOLS for Windchill provide us with valuable additional functionality.“

Sedus Stoll AG

More Information about GENIUS TOOLS®



Overview of GENIUS Tools