



INDISPENSABLE ADD-ON SOLUTIONS FOR THE PTC DEVELOPMENT ENVIRONMENT

GENIUS TOOLS[®]

The **GENIUS TOOLS** product family is the result of our long-term experience gained in customer projects. It provides you with invaluable functional enhancements and tools to improve the efficiency of your PTC development environment – to help you reach your objectives even faster.

GENIUS TOOLS FOR THE PTC DEVELOPMENT ENVIRONMENT

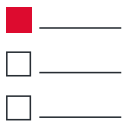
No-one likes tedious routine tasks. To help you minimise time spent on these tasks, we have developed GENIUS TOOLS. Our products also provide many additional functions that will boost your product development process. GENIUS TOOLS are available as single products or combined in our Startup TOOLS package.

PRODUCT OVERVIEW



CENTRAL MANAGEMENT AND CONFIGURATION OF OPERATING ENVIRONMENTS

GENIUS TOOLS Starter



EASY MAINTENANCE OF METADATA

GENIUS TOOLS Parameter



LIBRARY MANAGEMENT

GENIUS TOOLS Library



THE CONVENIENT ALL-IN-ONE PACKAGE

Startup TOOLS consists of GENIUS TOOLS Starter, Parameter, Library and ready-to-use data packages of materials, parts and libraries



CUSTOMISATION OF WINDCHILL WITHOUT PROGRAMMING

GENIUS TOOLS for Windchill



AUTOMATIC IMPLEMENTATION OF COMPANY CAD STANDARDS AND CUSTOM FEATURES FOR CREO

GENIUS TOOLS Model Processor



CENTRAL MANAGEMENT AND CONFIGURATION OF OPERATING ENVIRONMENTS

GENIUS TOOLS STARTER

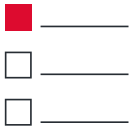
With GENIUS TOOLS Starter you can centrally manage the configuration of your Creo operating environment with a graphical user interface. You can customise settings depending on the requirements of different customers, departments or sites, e.g. languages, plot settings, installation standards or availability of licenses and software. Changes of these settings are centrally put in place by the administrator and distributed to users by synchronising data.

YOUR ADVANTAGES

- Performance gain: users work on local, synchronised files so that Creo applications run faster
- Flexible working: the use of local files allows for working offline
- Manage your operating environment graphically, without using a scripting language
- Create several operating environments (productive, test, development system)
- Have changes in user data applied automatically by accessing Windows user management through an LDAP-query
- Reflect your company structure by using units for different locations and departments
- Define which users can access which projects
- Define projects, assign users who are allowed to access them and assign corresponding licenses
- Work with a role-based permission concept
- Configure settings at multiple levels: global company standard, unit settings, project settings and user settings
- Use automatic registration of Windchill servers
- Continue working under failure of license servers (failsafe-mode)
- Several configuration files are created by subject and copied into one file for Creo Parametric (config.pro)

CONFIGURATION OPTIONS (SUMMARY)

- Assignment of a specific software installation (Creo Parametric release or weekly version) to a project
- Selection and synchronisation of start keys
- Content of configuration files (config.pro, config.sup, customization.ui) and references to all project relevant settings (e.g. for plotting, drawings and libraries)
- Language settings for Creo Parametric, Creo Direct, Creo Simulate, Creo Layout
- Execution of batch-files before starting or after quitting the application
- Display of available licenses for users and license borrowing
- Mailing of messages to users by the administrator



EASY MAINTENANCE OF PARAMETER DATA

GENIUS TOOLS PARAMETER

Precise and standardised parameter information is a prerequisite for consistent processes in product development. Automatic creation of bills of materials, preliminary costs or integration with commercial systems require complete and up-to-date parameter information. GENIUS TOOLS Parameter reduces these manual, time-consuming inputs to a minimum by standardising and automating the assignment and management of parameter information – especially important with database or ERP connection.



LIBRARY MANAGEMENT

GENIUS TOOLS LIBRARY

Graphical library management allows users to find, copy and insert Creo objects (parts, assemblies, UDFs, drawings and report-tables) from the standard library. Like Google, the search function offers a number of suggestions so users can quickly find the wanted element. The search can be limited to specific parameters such as name or description. Previews can be accessed via double click and the selected files (mnu) can conveniently be edited. You can also add PDF- or HTML-help documents to your library elements so that all relevant information are stored centrally in your library. GENIUS TOOLS Library also provides Form-driven models that increase the degree of standardisation.

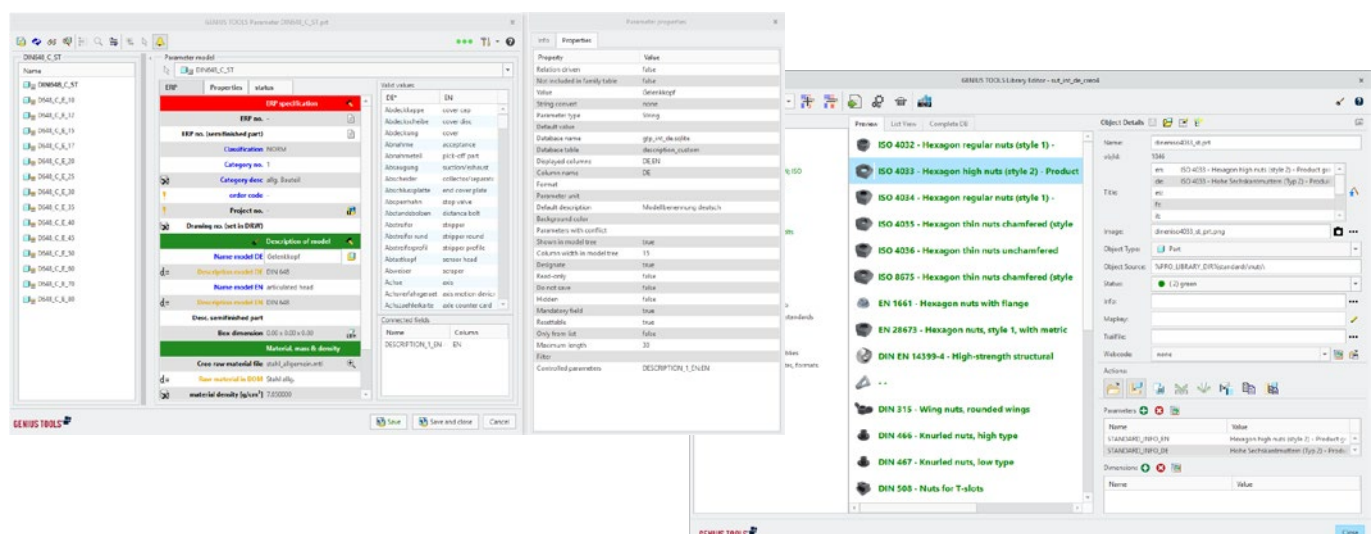
BOTH GENIUS TOOLS PARAMETER AND GENIUS TOOLS LIBRARY INCLUDE:

Automatically created tolerance tables on the drawing save time and ensure a safe process. Simple functions such as creating and retrieving drawings automatically avoid incorrect inputs and tedious searching. An individually configurable name generator ensures uniqueness of the models. The material selection with its editor safeguards that the correct material is assigned to each model with minimum effort. Moreover, a powerful ring menu with mapkeys that are individually configurable gives you quick access to all Creo commands.



OVERVIEW OF FUNCTIONS

	GENIUS TOOLS PARAMETER	GENIUS TOOLS LIBRARY
Parameter management	•	
BOM creation in assembly mode	•	
Edit assembly component parameters	•	
Library management		•
Form-driven models		•
Form-driven UDFs (Design TOOLS)		•
Multi-dimensional editing	•	•
Material selection	•	•
Name generator	•	•
3D note form	•	•
Retrieve / create drawing	•	•
Export drawing tables to Excel	•	•
Apply fitting tables to drawings	•	•
GENIUS TOOLS Quick Access (also available separately)	•	•
Search and replace parameters / dimensions	•	•
Inspection symbols	•	•
Configuration tool	•	•





THE CONVENIENT ALL-IN-ONE PACKAGE

Startup TOOLS

For years, Startup TOOLS has guaranteed efficient utilisation of PTCs product development environment. The success of Startup TOOLS throughout the world is based on the combination of add-on functionality for users, configuration and administration assistance and a comfortable graphical user interface. With Startup TOOLS you can not only design faster and more efficiently, but also easily implement standard construction guidelines throughout your company.

THE STARTUP TOOLS PACKAGE CONSISTS OF THE FOLLOWING PRODUCTS:

Creo data packages

Ready-to-use configuration files, tools and objects that allow you to start working instantly without having to configure an operational environment or create a library.

GENIUS TOOLS Starter

Centrally manage your Creo product development environments with a graphical user interface. Configure customised settings depending on requirements of specific customers, departments or sites.

GENIUS TOOLS Library

Graphical library management for easily finding, managing and inserting Creo objects such as parts, assemblies, UDFs etc. from the standard library.

GENIUS TOOLS Parameter

Automatic creation and maintenance of metadata, such as names, drawing numbers etc. for swiftly deriving and exporting bills of material.



CUSTOMIZE WINDCHILL WITHOUT PROGRAMMING

GENIUS TOOLS FOR WINDCHILL

Our GENIUS TOOLS[®] for Windchill plug-in 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.

GENIUS TOOLS FOR WINDCHILL BUNDLES AT A GLANCE:

<p>GENIUS TOOLS Usability Bundle*</p>	<p>"GENIUS TOOLS Usability Bundle" is a combination of four plugins and consists of small system extensions that support Windchill users in their daily use.</p> <p>Open Visualization Plugin Banner Message Plugin</p> <p>WTPart Icon Plugin Latest Version Plugin</p>
<p>GENIUS TOOLS Administration Bundle</p>	<p>"GENIUS TOOLS Administration Bundle" is a combination of four plugins and provides functions to support the system administrator with the administration and the transfer of the Windchill configuration in e.g. the production system.</p> <p>Admin Tools Plugin Windchill License Manager Plugin</p> <p>Windchill Export / Load Plugin Active Users Plugin</p>
<p>GENIUS TOOLS Publishing Bundle</p>	<p>"GENIUS TOOLS Publishing Bundle" is a combination of two plugins and expands the Windchill visualization data generation with setting options for the targeted control of the creation of neutral formats, as well as a series of automatic deletion options.</p> <p>Enhanced Publishing Plugin</p> <p>Viewable Cleanup Plugin</p>
<p>GENIUS TOOLS Process Bundle</p>	<p>"GENIUS TOOLS Process Bundle" is a combination of three plugins and provides functions that intervene within the Windchill workflows and other Windchill processes and optimize the business logic.</p> <p>Business Rules Plugin Resetter Plugin</p> <p>Invalidate Plugin</p>
<p>GENIUS TOOLS Release Information Bundle</p>	<p>"GENIUS TOOLS Release Information Bundle" is a combination of two plugins and enables Windchill process information to be passed on to Creo objects on the one hand, and dynamic stamping of drawing or document PDFs on the other.</p> <p>Release Information Plugin</p> <p>PDF Stamp Plugin</p>
<p>GENIUS TOOLS Data Export Bundle</p>	<p>"GENIUS TOOLS Data Export Bundle" is a combination of two plugins and enhances the capabilities of PTC Windchill to export BOM or visualisation data out of the system for subsequent business processes.</p> <p>Viewable Export Plugin</p> <p>Bom Export Plugin</p>

*Included in every other Bundle.



AUTOMATIC IMPLEMENTATION OF COMPANY CAD STANDARDS AND CUSTOM FEATURES FOR CREO

GENIUS TOOLS MODEL PROCESSOR

With GENIUS TOOLS Model Processor you can automatically implement company standards to your Creo data. For large amounts of data you can edit the properties of your models, e.g. parameters, relations, accuracy, layers, drawing settings etc. Active models can be continuously overhauled by users with Model Processor User. You can build company-specific functions for Creo, for example for substituting drawing frames, for creating informative PDFs or for applying QR code to drawing frames.

GENIUS TOOLS MODEL PROCESSOR MODULES AND OVERVIEW OF FUNCTIONS:

	GENIUS TOOLS Model Processor User	GENIUS TOOLS Model Processor Report	GENIUS TOOLS Model Processor Rework
Create and modify action lists		•	•
Execute pre-defined action lists	•	•	•
Edit active Creo model	•	•	•
Edit models in session / workspace			•
Batch processing for creating reports		•	•
Batch processing with editing of Creo models			•
Licensing	floating license, bound to Creo session	concurrent (floating)	concurrent (floating)

www.inneo.co.uk/genius-tools