INNEO

That's IT.

INNEO Startup TOOLS 2010 – Industry's standard for the PTC product development environment

Startup TOOLS™

ENGINEERING PERFORMANCE
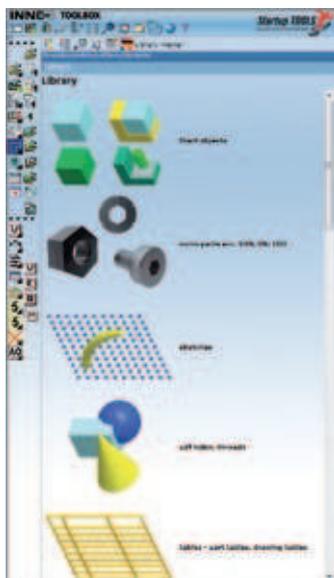
NEW VERSION
Proven in 5000
installations

INNEO Startup TOOLS 2010

For more than 10 years now, Startup TOOLS has guaranteed efficient utilisation of the product development environment. The success of Startup TOOLS throughout the world is based on the combination of clever tools, attuned working environments and individual graphical configuration options. See for yourself!

- Configuration of the PTC product development environment
- Applications for central and graphical management of the installation and the working environment including system management
- Harmonised objects concepts and templates
- Integrated TOOLBOX containing tolerance tables, library viewer, parameter manager, multi dimension editing, Model-UI, project oriented operating principle …
- Adjustment of the working environment to different Pro/ENGINEER releases
- Company specific customisation for industries and/or departments
- Unicode-enabled

INNEO Startup TOOLS reduce the TCO of a company's product development environment and guarantees the security of your investments, while providing high transparency and standardisation in your company.

Libraries

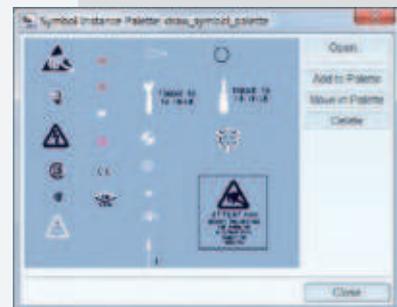# Pro/ENGINEER environment, objects, concepts

The working environment is critical for the efficient deployment of all computer applications. The more complex the situation, the more important this component becomes. The start-up time for the user, that is, the time required until he can actually begin creating value, must be optimised. A well thought out working environment, adapted to the needs of the company, automatically ensures a much higher degree of standardisation and provides the basis for working guidelines.
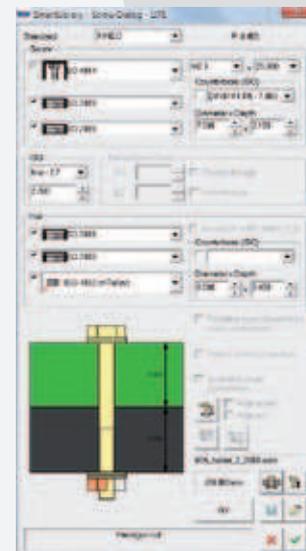
Working environment with central management
- Guidelines for installation, start objects, naming conventions, filing, plotting, parameters, layers, simplified representations, forms and templates as well as company specific concepts
- Configuration files for Pro/ENGINEER settings: Drawing, BOM, Mapkeys, ModelCHECK configuration
- Synchronised objects: Start parts, symbols, formats, reports, UDFs
- Pro/ENGINEER examples with assemblies, parts and drawings
- B&W modules SmartLibrary Lite and SmartMenu Lite

Benefits and advantages for you
- Installation transparency
- Low learning effort
- Documentation
- Standardisation and structuring
- Accelerated implementation of the PTC product family
- Enhancement in daily productivity
- No unnecessary setup times
- Harmonised working environment
- Screws and dowel pins with user guidance
- Extended usability of right mouse button

Formats, reports, tables

Screws and dowel pins

TOOLBOX

The TOOLBOX contains a collection of useful auxiliary applications for Pro/ENGINEER Wildfire. All auxiliary applications are based on PTC WEBLink technology and can be customised and project oriented to meet different enterprise requirements.
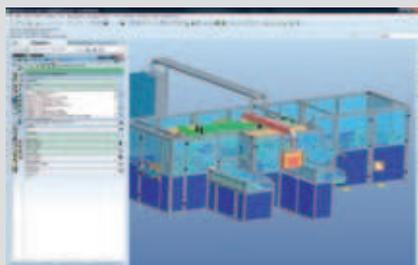
Graphical library viewer

The graphical library viewer provides a convenient way to open, copy, insert and copy insert objects (parts, assemblies, UDFs, sketches and reports) from the Pro/ENGINEER standard library. Previews are created via double click, change mnu file easily via editor. In addition to previews it is possible to store PDF or HTML help files.

Parameter manager

Provides comfortable editing of parameter standards (description, drawing number, designer, …) of parts, assemblies and drawings. Editable parameters (name, type, hint, …) are stored in a parameter setup file. Several parameter definition files are supported.
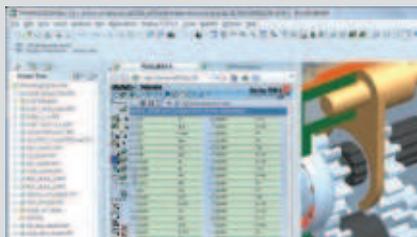
Multi dimension editing

This auxiliary application allows quick modification of all dimensions and dimension symbols of a feature, part, assembly or subpart of an

Parameter manager

*FUI = family table user interface

Multi dimension editing

assembly in a single stroke. Dimensions are highlighted dynamically when moving the cursor over the dimension symbol. With active filter, only dimensions with changed symbols will be displayed.

Model configurator
- Customised graphical model configurators (Model-UI = ModelUserInterface = MUI) with integrated name configurator
- Customised graphical user interfaces for UDF (UDF-UI = User Defined Feature User Interface)
- Customised graphical user interfaces for family tables (FUI*)

WEBTOOLBAR

Supports creation of custom icon bars. Defined Icons can execute mapkeys or WEBLink program code. Supports special functionality such as "load or create homonymous drawings of parts/assemblies", the number generator or the Microsoft Excel BOM interface.

Benefits and advantages for you
- Semi-automation of Pro/ENGINEER parts and assemblies
- Smart parameter manager
- Fast editing
- Graphical library viewer
- Fast focussing in the design process
- Fast position number assigment

Configuration and central administration of the working environment

Central storage of all configuration settings and objects as well as the possibility to graphically configure diverse working environments ensures support for all user requirements of a Pro/ENGINEER workplace (including Pro/INTRALINK, PDMLink, ProductPoint).
The working environment considers site-specific needs, such as language, plot environment, installation standards, license and software availability. Even differentiation on department level can be realised. Project-specific requirements can be provided at every workstation by means of the working environment (e.g. for Volkswagen, BMW, ZF, Caterpillar, …).

Configurator

Configurable requirements (selection)
- Use of a specific Pro/ENGINEER installation (Pro/E release or build)
- Choose a Pro/ENGINEER startkey
- Display available licenses
- Contents of all configuration files (config.sup, config.pro, config.win) and therefore all references to relevant settings (plot environment, drawing setups, libraries …)
- Language settings for Pro/ENGINEER, Pro/INTRALINK, PDMLink, ProductPoint and TOOLBOX
- Definition of additional variables
- Specific TOOLBOX settings
- Start of additional 3rd party applications before the launch and after exiting the application (e.g. backup of Pro/INTRALINK workspaces after end of session)
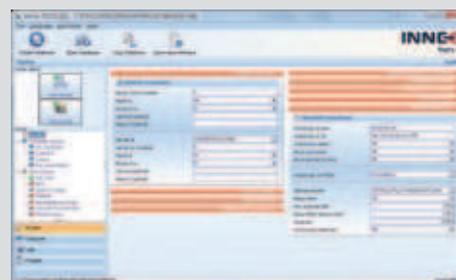- Startkey synchronisation

The central organisation allows you to cover specific user or computer based requirements.

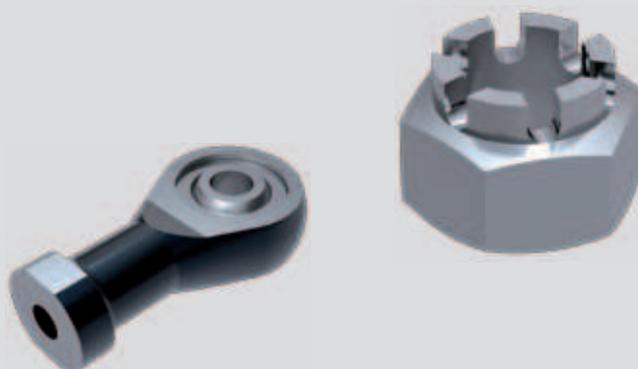**Benefits and advantages for you**
- Working environments can be driven by user or computer group based profiles
- GUI management of the installation (no scripting necessary)
- Supports different working environments
- Web-based administration
- Definitions of which user works on which projects with what configurations and licenses
- Pro/INTRALINK, PDMLink, ProductPoint integration
- Pro/ENGINEER license management
- Cloning of working environments
- Laptop synchronisation/traveling mode

Start of the working environment also possible with PDM software (Pro/INTRALINK, PDMLink, ProductPoint)

Testimonials for the INNEO Startup TOOLS

"I can't imagine working without Startup TOOLS anymore. In relation to working with Startup TOOLS I am about 50 % faster in corresponding operations. This means the useful tools do not only simplify the work, but also accelerate it – and productivity is increased."

Maintools GmbH

"We are very satisfied with INNEO Startup TOOLS. Our database is secured and standardised throughout. Each of our employees has enjoyed working with Startup TOOLS right from the start. Due to the well structured menu navigation there is no danger of mix-ups. The functionality convinces. The functionality has increased efficiency by 30%."

Sedus Stoll AG

"Utilising Startup TOOLS enhances the administration of individual Pro/ENGINEER seats. Pro/ENGINEER can be adapted to new project tasks easier and faster, therefore faster start of workgroups and further jobs is guaranteed." … "Working with Pro/ENGINEER is about 15-20% more efficient and therefore faster!" … "The individual designer is provided with program customisations that either aren't available in Pro/ENGINEER or would require lots more effort without Startup TOOLS."

TechniSAT Digital GmbH

"In every single design step Startup TOOLS is very useful for us, but especially in gearing and thread design. Individual tools from the Startup TOOLS suite can be installed which is another plus point for us."

Mosca Strapping Systems

"Startup TOOLS improves our usage of Pro/ENGINEER in that our processes have speeded up. Operations that were impossible before are now a breeze."

Zimmer GmbH

"I have used Startup TOOLS from the very beginning and have always liked it. The continuous development is very appealing. For every user, from the smallest to the largest customer, Startup TOOLS is an enhancement and makes life easier for users and administrators. During implementation and the installation process you benefit from time saving of more than 50%. A real advantage is the library with standard parts. The investment in Startup TOOLS is worth every penny."

CUBIZ

"By using Startup TOOLS we have a time saving of 20% and 100% more safety. We have simplification through mass parameters. We check every single part and correct deviations."

Aulbach Entgratungstechnik GmbH

"INNEO Startup TOOLS enables MAHLE Powertrain to use Pro/ENGINEER more effectively by improving our administrative, personal and process productivity. As an international leading development partner of the automotive and engine industry we can guarantee standardised and transparent product development for each designer and project. INNEO's Startup TOOLS allow MAHLE Powertrain to optimise our design process within Pro/ENGINEER."

MAHLE Powertrain

Startup TOOLS boosts your engineering performance

Benefits and advantages for you
- PTC product development environment (Pro/ENGINEER, Pro/INTRALINK, PDMLink, ProductPoint) fully supported
- Project-oriented configuration
- Configuration change at the push of a button (VW, Audi, Caterpillar …)
- Choose your Pro/ENGINEER license depending on project
- Seamlessly integrated application, pre-configured for integration of third-party applications
- Centralised organisation of a harmonised working environment
- One-stroke environment cloning
- Customise installation via a graphical user interface
- Prefabricated configuration for Pro/ENGINEER
- User/computer group based installation management
- Graphical library viewer

- Semi-automation of variant parts and assemblies
- Parameter management par excellence
- Harmonised environment (start part, BOM etc.)
- Editor for mnu files
- Name generator
- Tolerance tables
- Autosave functionality
- Automatically load or generate drawings
- Quasi industry standard for Pro/ENGINEER configuration in Germany and Switzerland
- Self-explanatory user interface
- Quality assurance by use of templates
- Standard environment in German universities and in Pro/ENGINEER training institutions
- Referenced by publications and text books
- Bullet proof environment with a long track record

See for yourself

Experience INNEO Startup TOOLS live on the Internet. During our Webcast conference you will see and understand all about the advantages of this solution for the PTC product development environment.

Please contact us to schedule an appointment for your individual Webcast.
www.startuptools.co.uk/webcast

Do you have further questions?
- Do you wish to learn more on the telephone or would you like to make an appointment on site?
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