

Interfaces to 3D-CAD Software.



Phoenix
3D-CAD



Company history

Peter Nürk, a business information technologist, founds ORCON GmbH in 1992.

„DV Organisation und Beratung“, in Englisch „**OR**ganization and **CON**sulting“ - short **ORCON**.

He is convinced of the idea of offering standard software that is individually configurable. Adaptations are not simply packed into a program, rather the variable data from tables and databases are specifically incorporated.

This significantly reduces the ever more complex and time-consuming adjustments required for updates. In addition, individual customer wishes can be easily implemented and made available to other customers as added value.

This is one of the secrets that makes **Phoenix/PDM** so popular with users.

Today, **Phoenix/PDM** from **ORCON** is one of the few independent and established software solutions from Germany, which ensure the reliable administration and distribution of product information in companies.



Peter Nürk
CEO

ORCON...

- ... meets you at eye level.
- ... is a team of energetic and highly motivated employees.
- ... knows its customers - personally.
- ... supports with professional competence.
- ... inspires in the market with many years of experience.
- ... offers modular products of the highest quality and user-friendliness.
- ... responds to requirements in order to enable suitable solutions.
- ... shows you how simple brilliant solutions can be.
- ... makes your company more productive.



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Phoenix/3D-CAD supports all relevant and specific functionalities for the following CAD systems:



AUTODESK[®]
INVENTOR[®]



creo[®]

PTC[®] Creo[®]
Elements/Direct[®]
Modeling

3D SOLIDWORKS

Communication between **Phoenix/PDM** and your CAD system takes place via the directly integrated user interface. You don't have to worry about file names and storage paths, the file templates can also be managed in **Phoenix/PDM**. In this way you create a common basis for your document management.

As partners of SolidWorks, PTC and Autodesk, we have access to the model information in your designs. Our interface technology **Phoenix/3D-CAD** enables us to access additional information such as weight, material, creator, creation date or surface treatment and transfer it to **Phoenix/PDM**. We use standard parameters used in the models as well as individual properties. For example, we use data from CAD macros to automatically derive cut edge lengths or the dimensions of surfaces. From this, valuable information such as the duration of operations or the required raw material can be derived.

Phoenix/PDM reads the assembly structure from the models and creates links to existing components. This gives you an overview of the use of individual parts and sub-assemblies at any time in **Phoenix/PDM**. We use this information to show you which products are affected by changes to released components. **Phoenix/PDM** can then automatically create versions of dependent assemblies and swap „old version“ for „new version“. Or you can decide individually up to which level a change is considered compatible and no new version of the module is necessary. We support both ways of working.

Obsolete versions are automatically blocked for new designs. Status information (e.g. „locked“) is printed on the drawing via our **Phoenix/RCS** - without the CAD drawing having to be opened by a designer.

The modification and status change history can be viewed at any time to track the lifecycle of the component. We also take into account all changes made automatically.



However, our **Phoenix/3D-CAD** interfaces do not exclusively map the CAD structure. With this technology, we also make it possible to manage special part relationships that are not necessarily mapped with the CAD software.

These include, to name but a few:

- Colour or surface variants
- Production parts based on raw parts or semi-finished products, including „mini parts list“
- Intermediate production steps (washing, painting) or reworked purchased parts
- Management of racks, welded structures, profiles and their connecting elements

Concurrent engineering is supported by several functions. **Phoenix/PDM** prevents the overwriting of files that have been released or edited by other users. Users can create a monitoring list. When other users make changes to these files, the designer is automatically notified. Assemblies in the CAD system can be updated at any time with the latest version from **Phoenix/PDM**.

Phoenix/3D-CAD at a glance

- Functions for communication with **Phoenix/PDM** are integrated directly in the CAD interface.
- Synchronize model parameters and properties.
- Contains various selectable strategies for model versioning.
- Overview of model usage is always directly accessible.
- Support of concurrent engineering through the targeted allocation and display of write permissions.
- Numerous automatisms for the transfer of information to other programs, especially the ERP system.



Phoenix/PDM

Your software for product data management.

Phoenix/PDM is your tool for managing project data, CAD models and drawings. It offers all departments in the company easy and flexible access to their virtual data.



Phoenix
2D-CAD

Interfaces to 2D-CAD software.

Complete integration of the interfaces into the user interfaces of the CAD systems Autodesk Inventor, PTC Creo Parametric, PTC Creo Elements/Direct Modeling and SolidWorks.



Phoenix
3D-CAD

Interfaces to 3D-CAD Software.

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Phoenix
VIEW

Simple presentation of your documents.

Visualization and printing of neutral formats, raster data as well as naive CAD formats via plugins, eDrawings, 3D-PDF, PVZ, etc.



Phoenix
RCS

Automated workstation.

Automated, unattended update of native CAD formats to current versions and creation of neutral formats.



Phoenix
ERP

Interfaces to ERP systems.

Phoenix/PDM creates the bridge between CAD, PDM and ERP. We thus offer the appropriate interfaces for an automatic exchange of data between PDM and the ERP system.



Phoenix
BOM

Intelligent bill of materials management.

Simple and uncomplicated administration and creation of construction parts lists, optional connection to the ERP system.



Phoenix
OFFICE

Interface to Microsoft Office.

Complete integration into the user interfaces of Microsoft Office, as well as continuous integration into the **Workflow**.



Phoenix
OUTLOOK

Interface to Microsoft Outlook.

Complete integration into the user interface of Microsoft Outlook, as well as continuous integration into the **Workflow**.



Phoenix
SPOOL

Integrated print and plot management.

Print entire project folders or sets of drawings at the touch of a button, scaled to a desired target format, with a stamp if necessary.



Phoenix
MOBILE

Mobile access to your data.

Make better decisions with secure and fast mobile access to critical business data anytime, anywhere in the world.



Phoenix
DFS

Synchronize data from distributed locations.

Automatic configurable synchronization of your file archives between all locations. This gives you secure access to your data at any location.

The right product data management for your success.



Phoenix/PDM



Phoenix
2D-CAD



Phoenix
3D-CAD



Phoenix
VIEW



Phoenix
RCS



Phoenix
ERP



Phoenix
BOM



Phoenix
OFFICE



Phoenix
OUTLOOK



Phoenix
SPOOL



Phoenix
MOBILE



Phoenix
DFS

The solutions for your individual **Product Lifecycle Management**.

Brilliant solutions are simple.