

TASKS OF PARTS MANAGEMENT SYSTEM PARTSOLUTIONS

- ▶  Research system for all information at a glance
- ▶  Intelligent, methodic and process driven parts
- ▶  Part libraries, standard parts and components
- ▶  Standardization and data sheets
- ▶  Product configuration and product assistant
- ▶  Finding instead of searching
- ▶  Geometric similarity search & compare
- ▶  Automatic classification & creation of class systems
- ▶  Parts reduction (searching, analysing, assessing & reducing duplicates)
- ▶  Process optimization
- ▶  Keeping parts/catalogs up-to-date (managing changes of components)
- ▶  Quality management of standard- and off-the-shelf parts
- ▶  Roles & Filters (access rights for standard parts and components)
- ▶  Collaboration Engineering Portal (integration of suppliers)

BUSINESS FOCUS OF CADENAS

INTELLIGENT PARTS MANAGEMENT

- + Standard and purchased parts
- + Company standards and repeated orders
- + EDM and ERP links
- + Product selection and configuration
- + Reduction in active part revisions
- + Geometric based alternative search

ELECTRONIC PRODUCT CATALOGS

- + Product selection and configuration
- + Crossmedia Publishing (CD, WWW, PRINT)
- + Lean Sales Management

INTELLIGENT PARTS CONSOLIDATION

- + Comparison/reuse
- + Standardization
- + Classification/clustering
- + Reduction
- + Consolidation

E-ENGINEERING / E-COMMERCE

- + Enhancement of collaboration by parts supplier and parts user platform



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PART SOLUTIONS

by CADENAS

INTELLIGENT PARTS MANAGEMENT

STANDARD AND OFF-THE-SHELF PARTS
 GEOMETRIC SIMILARITY SEARCH
 AUTOMATIC CLASSIFICATION
 PROCESS OPTIMIZATION

PARTS MANAGEMENT WITH PARTSOLUTIONS

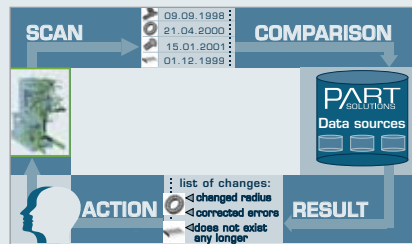
PARTSolutions is an enterprise-wide solution for all current CAD/PDM and ERP implementations, where you are able to manage the whole spectrum of parts you need: standard parts, custom CAD parts, and commercial parts. You significantly save time and money with PARTSolutions and the optimization of your processes.

INTELLIGENT, METHODIC AND PROCESS ORIENTED PARTS - SMARTPARTS



The parts in PARTSolutions include additional information beyond native CAD geometric data, for example assembly conditions, kinematic entities, drilling-information, classes, material, weight, price, level of detail, product class, tolerances, etc.

PARTS ARE ALWAYS UP TO DATE



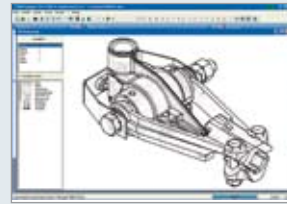
Suppliers keep their product catalogs up-to-date and ensure that designers use available and accurate parts.

VARIETY OF DIFFERENT COMPONENT CATALOGS



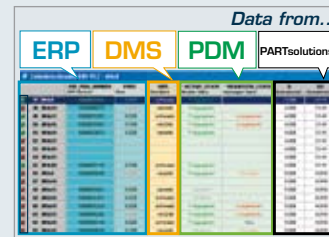
There are more than 400 different commercial supplier catalogs, 3500 standard and off-the-shelf parts, enterprise specific parts, company standards, specific parts, tools, symbols and data sheets available.

COMPANY SPECIFIC PARTS & STANDARDS



With PARTSolutions it is possible to assimilate and define company's own standards quick and easy.

ALL INFORMATION IN ONE INTERFACE



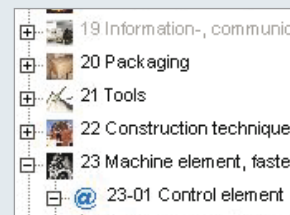
Company-wide data from other systems, like PDM or ERP are available to PARTSolutions in one interface. Roles and filters provide a controlled access.

FINDING INSTEAD OF SEARCHING



More than 20 search functions ensure, that the right part is always found. For example: keyword search, search for date/versions, classifications, geometric similarity search, measuring functions, online search via internet, displaying of standards and suppliers, visual search, etc.

DEFINING AND USING CLASSIFICATIONS



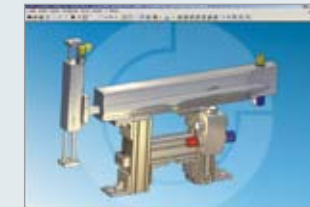
Manufacturers who provide their electronic product catalogs with PARTSolutions can classify their data with eCI@ss, NAMUR, UN/SPSC, eOTD and others. PARTSolutions also assists companies with defining and managing their own classification systems.

GEOMETRIC SEARCH



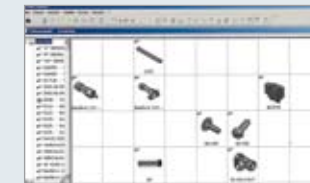
The international patent pending function offers the ability for PARTSolutions users to find more parts which are geometrically similar or identical. Detailed differences can be shown by a graphical comparison.

PRODUCT CONFIGURATION



Complex assemblies can be configured with special tools and product configurators. This can shorten product selection and use in a design by 30%.

PARTS REDUCTION



With PARTSolutions you can search for parts, which exist in several places. Located duplicates are eliminated. The introduction of new duplicates is prevented by a innovative data-recall function.

OPTIMIZE PROCESSES - PDM/ERP-CONNECTION



The deep integration in PDM/ERP systems provides a strong optimization of processes and time savings in the engineering department.



For more information, ask for the detailed **information brochure about PARTSolutions**, the Intelligent Parts Management System ▶▶▶ Marketing@cadenas.de