Your Partner for PLM and DMS Smart Systems in the Workplace



Comprehensive System Workflows to Increase Efficiency

"The most things we learn, we learn from our customers."

Charles Lazarus (*1923), American Entrepreneur, Founder of Toys"R"Us



Your Partner for PLM and DMS Key Data



Founding Year: 1993

Employees: 65

Locations: 3 x Germany, 1 x USA

Sales: 5 Million

Customers: 720







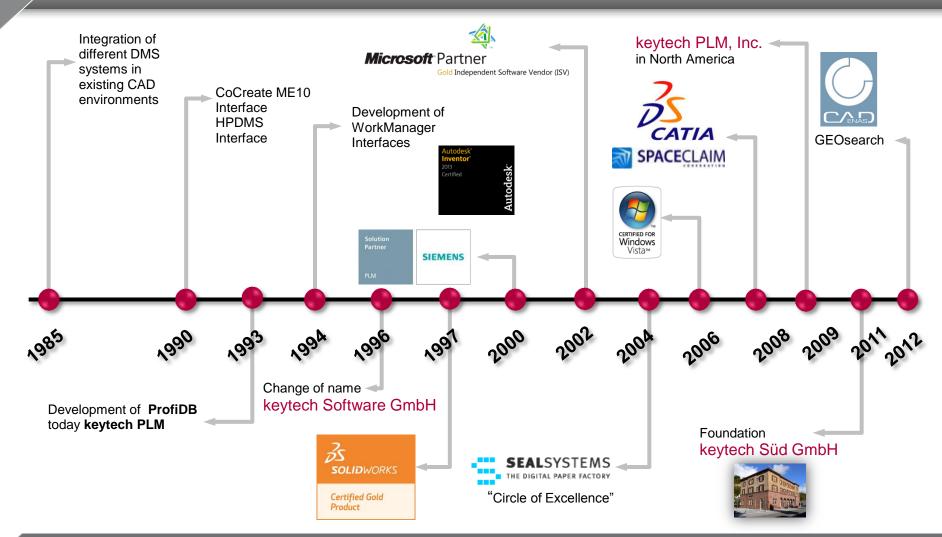






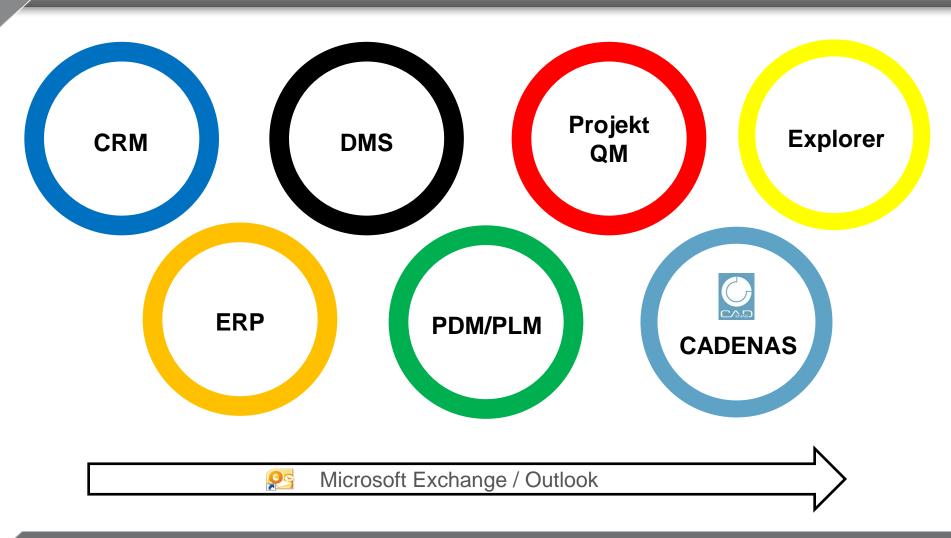
Your Partner for PLM and DMS History





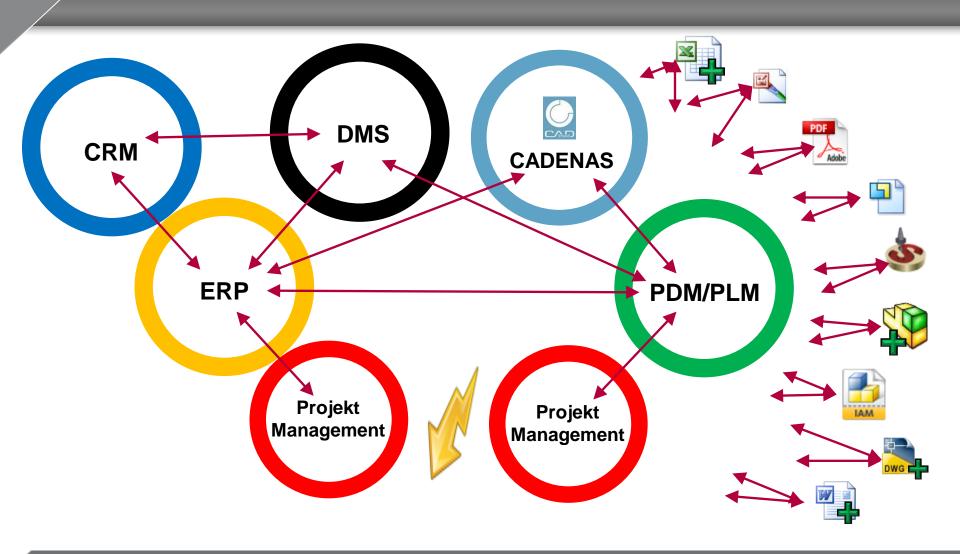


PLM/DMS as a Company-Wide Information Platform



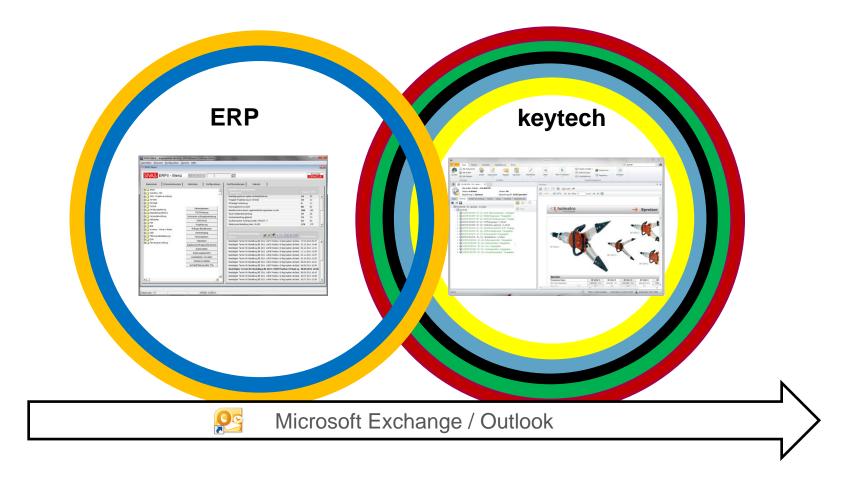


PLM/DMS as a Company-Wide Information Platform





PLM/DMS as a Company-Wide Information Platform

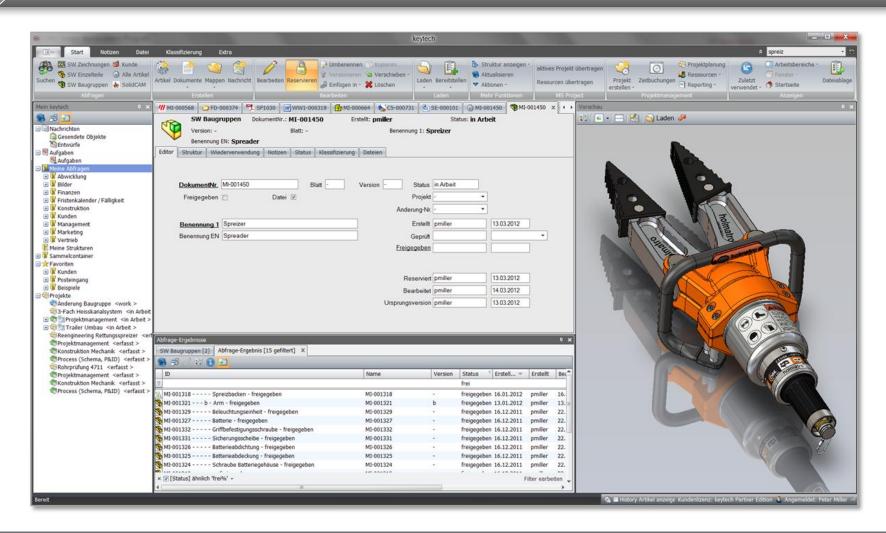




- Redundancies will be reduced to a minimum.
 - Enter once, maintain once, automatically available
- Up-to-date information is immediately available in all places
- Knowledge in the company is transparent within keytech
- Communication paths are improved
- Processes become faster and more secure
- Costs are reduced by:
 - Improved information in all processes
 - Overall processes are more efficient
 - More uniform system landscape (IT, Training, Know-How)

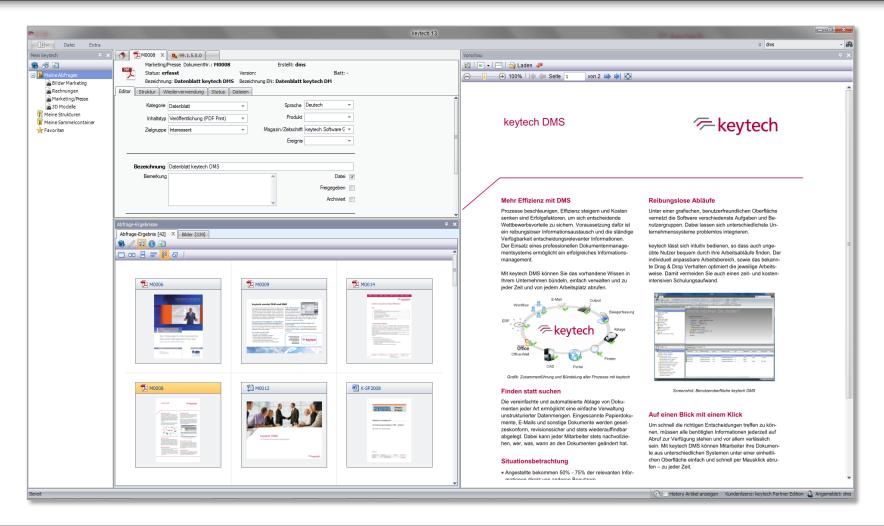
PLM / DMS Client





Your Partner for PLM and DMS PLM / **DMS** Client





Your Partner for PLM and DMS Knowledge through Integration



CAD, E-CAD, CAM

- AutoCAD
- CATIA
- EPLAN
- Inventor
- InventorCAM
- ME10
- SolidCAM
- Solid Edge
- SolidWorks
- SpaceClaim

E-Mail

- Exchange
- Office
- Lotus Notes
- Tobit

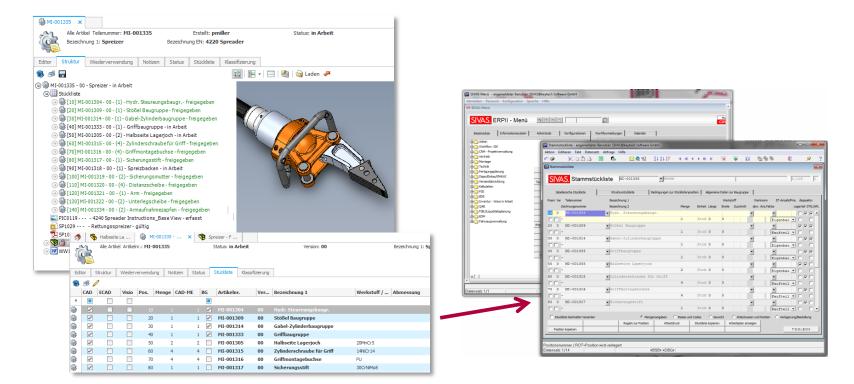
ERP

- ABAS
- ams.erp
- Infor
- MS Dynamics AX
- MS Dynamics NAV
- P2plus
- Sage Bäurer
- SAP
- SIVAS

CADENAS

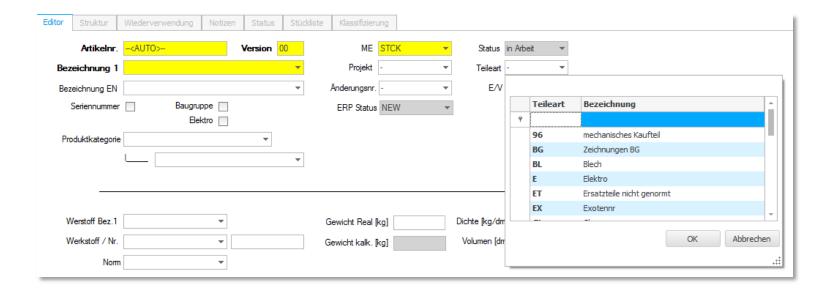


 3D CAD – automatic reconciliation of product data and growing bills of materials





- Online access to ERP tables:
 - Article number generation
 - Central maintenance and standardization of data



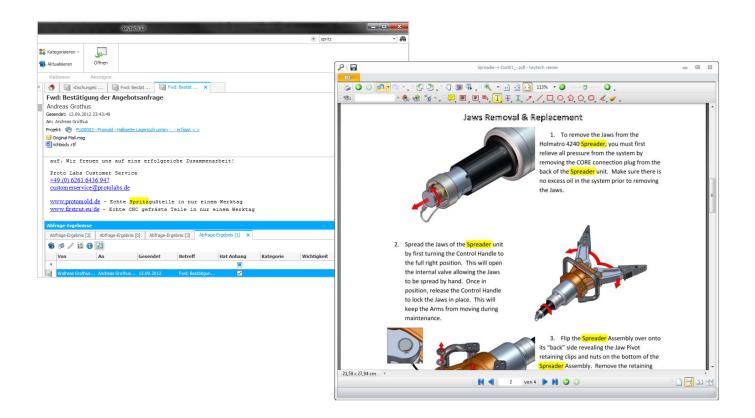


Online availability of ERP data

Preis/€	~	Anfrage	*	
Lagerbestand				
	Artikelnr.	Bezeichnung	Max. Bestellme	Letzter EK Preis
	Ŷ			
	MI-001335	Spreizer	0	1690
			OK	Abbrechen

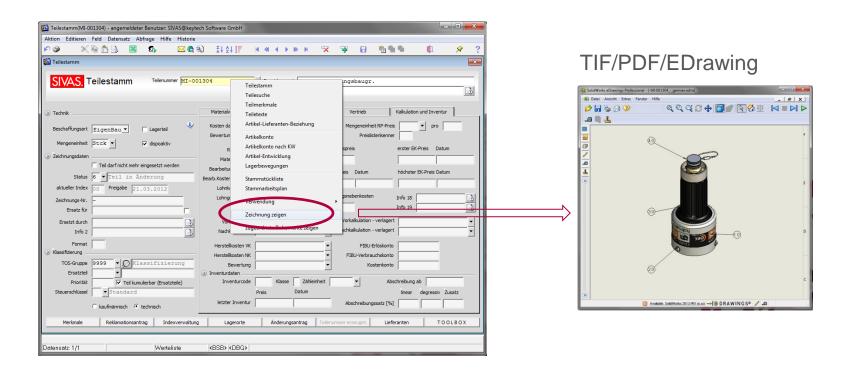


Color highlighting in emails and documents





Direct access to all valid ERP or PDM/PLM documents.

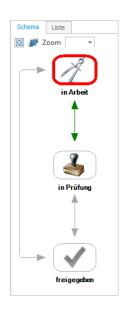




- Transparent change process
- Preparation of document storage for process



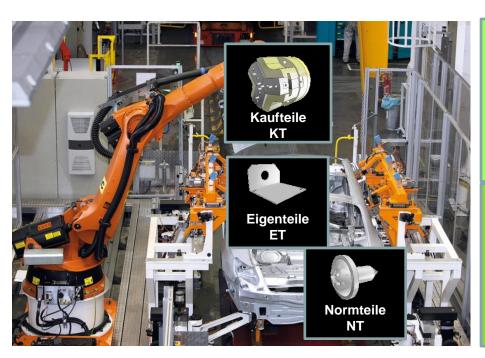
Definition of system-wide workflows



Your Partner for PLM and DMS Comprehensive Process Workflow with CADENAS



Integration of CADENAS and <u>keytech</u> based on one design Your advantage:



Product
Design
GEOsearch

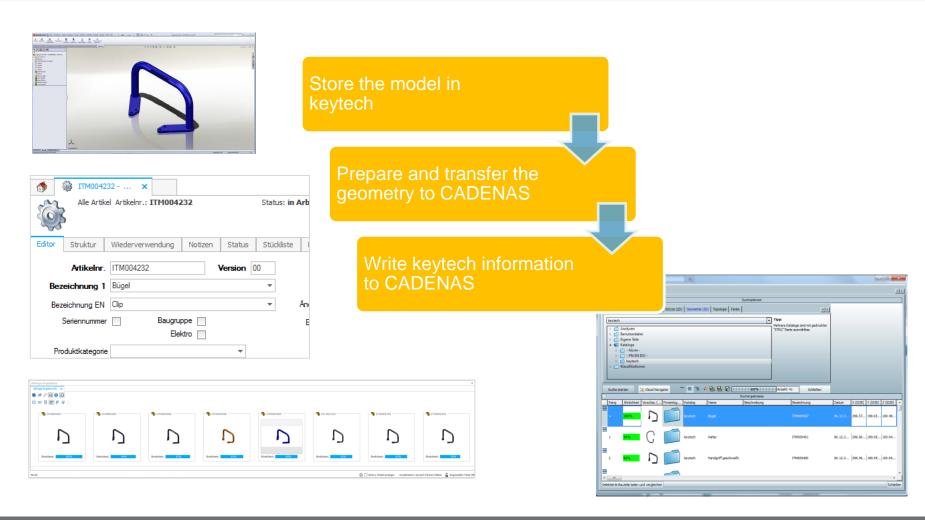
Equipment **PARTsolutions**

Strategic Purchasing **Purchineering**

(c) 1992-2011 CADENAS GmbH | Dipl. Ing. (FH) Jürgen Heimbach

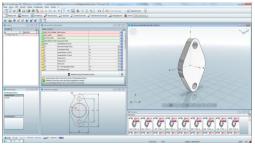
Ihr Partner für PLM und DMS Integration CADENAS GEOsearch

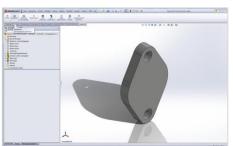




Ihr Partner für PLM und DMS Integration CADENAS Standard Parts



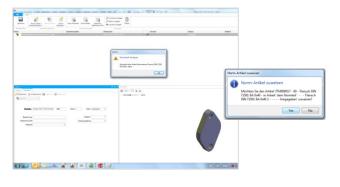


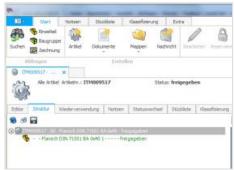


Load a standard part from CADENAS into the CAD system

Store the standard part in keytech

Automatic creation of the document. Item allocated





Ihr Partner für PLM und DMS

Integration CADENAS in keytech

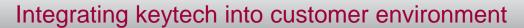


Benefits:

- Standard Part
 - Automatic creation
 - One-time item allocation from keytech
- Geometric Analysis
 - Automatic analysis of all CAD geometry
 - CADENAS meta data loaded directly from keytech
 - Search in CADENAS and/or in keytech delivers results in both systems
 - Direct display of geometry incl. degree of completion, in keytech
- Ability to search for duplicate geometries
- Ability to carry out an early search for suitable purchased parts

Reduction in the number of parts to be produced by increasing the number of parts that will be reused and by using more purchased parts

Ihr Partner für PLM und DMS





Benefits:

- Integration of this system streamlines and reduces information exchange and optimizes work processes
 - Ongoing access to data in partner systems
 - Facilitation of information for partner systems
 - The user primarily works with just one system
- Direct access to company know-how that is contained in documents
- Textual data in different data types like Office products,
 PDF files, email, CAD drawings
- Geometric in CAD parts and assemblies



- Reduction in similar parts
- Shortening of processes
- Clear database of duplicate items





Thank you for your time

