

PARTsolutions becomes Enterprise 3Dfindit







# PARTsolutions becomes Enterprise 3Dfindit



## Content

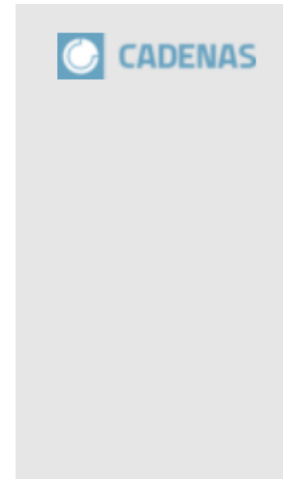


**Markus Poppinghuys**  
CADENAS GmbH



### PARTsolutions becomes Enterprise 3Dfindit

- New Enterprise 3Dfindit Web Client
- For all companies with CAD, PLM & ERP
- Available for Public, Private or Hybrid Cloud
- Added value partner apps & solutions





# PARTsolutions becomes Enterprise 3Dfindit



## First of all



This presentation is aimed to all **CADENAS parts management customers** who currently use the rich client PARTsolutions.

And to **all interested parties** who are planning a parts management project with CADENAS in 2024!



# PARTsolutions becomes Enterprise 3Dfindit



## Scalable and secure (in the cloud)



**As a PARTsolutions rich client parts management customer** you can, but you don't have to switch to Enterprise 3Dfindit from 2024.

The Enterprise 3Dfindit web client will be introduced in all **new parts management projects**.

**Mixed operation** of web and rich client is also possible.

Enterprise 3Dfindit runs either in the **public cloud, private cloud** or **hybrid cloud** (combination), but also continues to run **on-premises**.



PARTsolutions becomes Enterprise 3Dfindit



# New Enterprise 3Dfindit web client

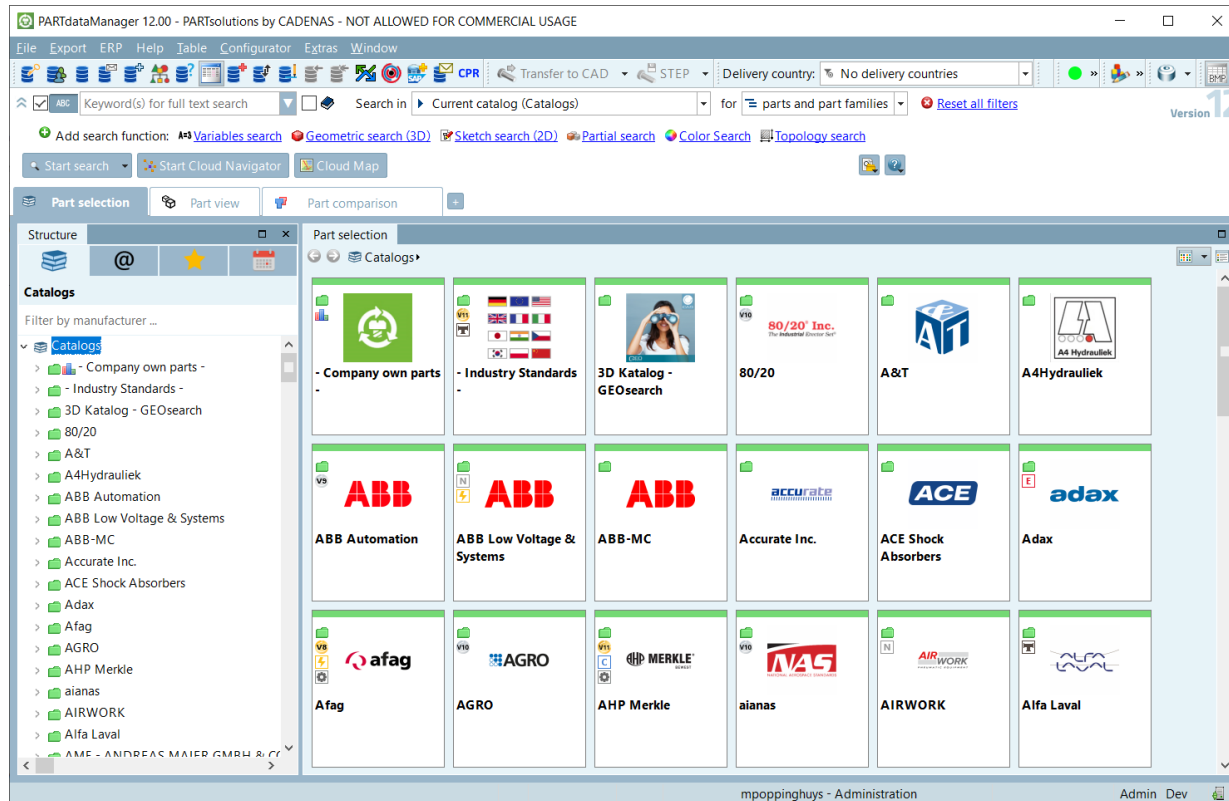




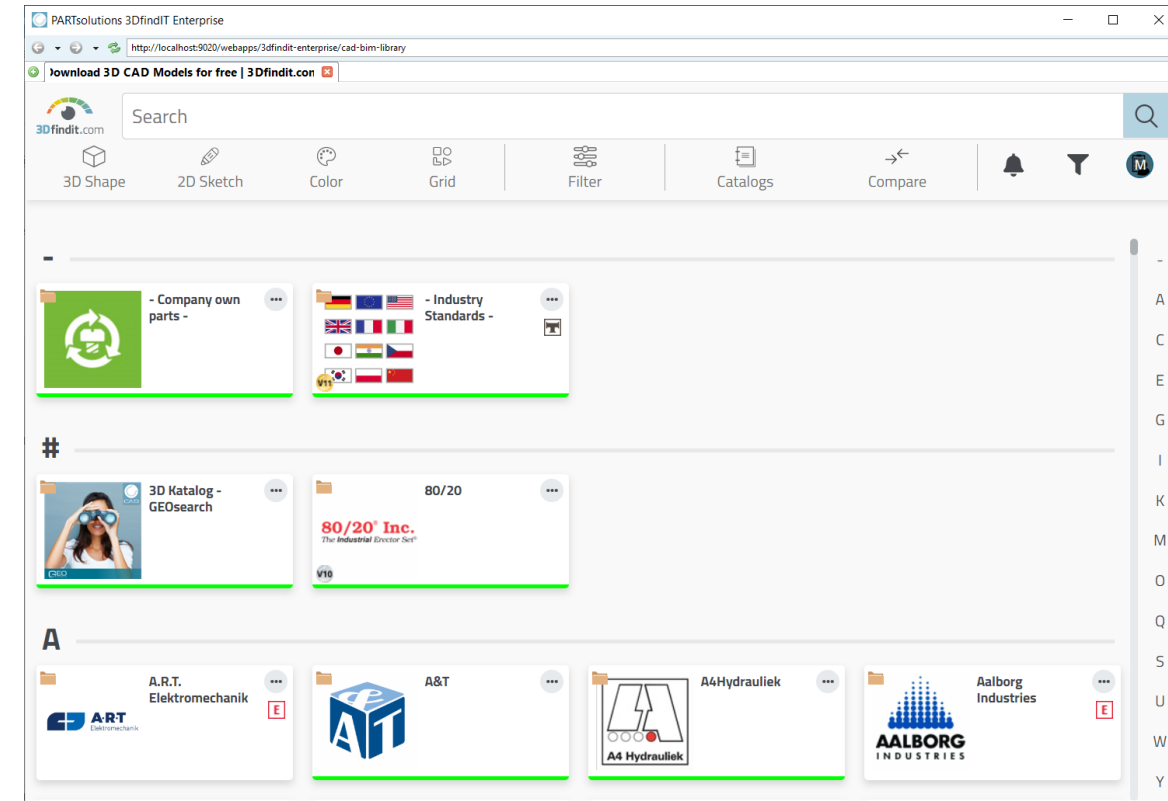
# New Enterprise 3Dfindit web client



## Rich client (PARTsolutions)



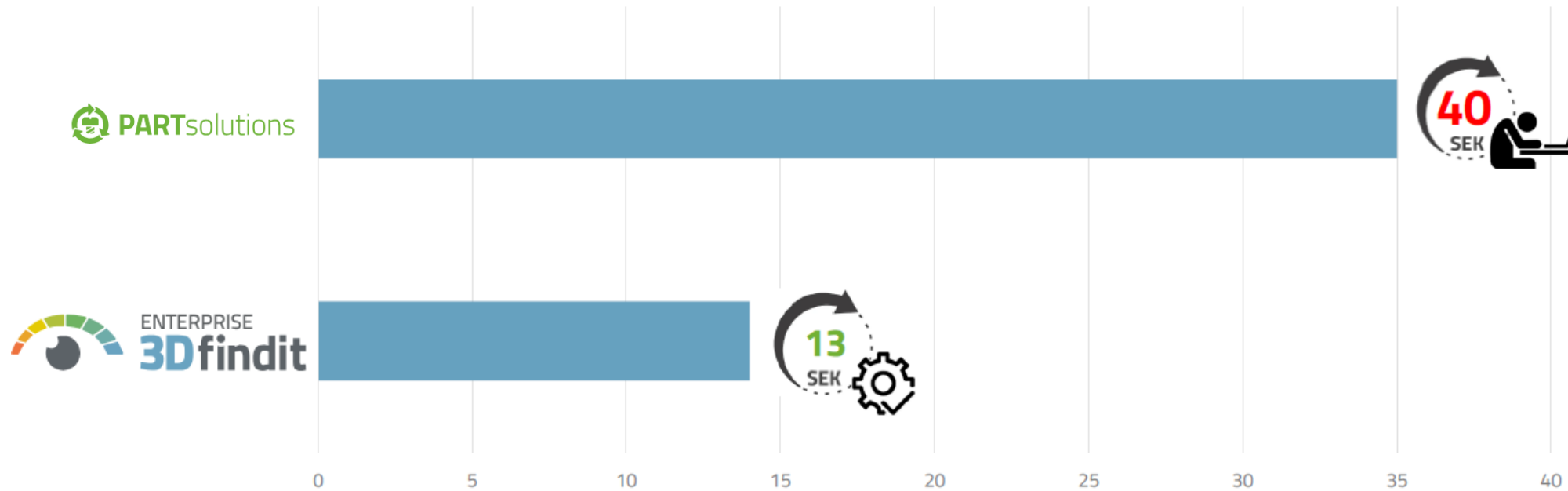
## Web client (Enterprise 3Dfindit)





# New Enterprise 3Dfindit web client

## Significantly faster when starting and opening part families





# New Enterprise 3Dfindit web client

## Modern and easy to use (1st full screen)







# New Enterprise 3Dfindit web client

## Modern and easy to use (2nd embedded in CAD)



	Material...	PLM Status	Werkstoff	Oberfläche	Preis ...	
	CNS_MATERIA	CNS_MATSTATE	CNS_MATERIAL	CNS_SURFACE	CNS_P...	CU
● 166	M16x55					
● 167	M16x60					
● 168	M16x60	0201098490	Freigegeben	10.9 (Mittelfest)	Unbehandelt	0.00
● 169	M16x60	0201114040	Freigegeben	8.8 (Standard)	Unbehandelt	0.00
● 170	M16x60	0201117730	Gesperrt	12.9 (Hochfest)	Feuerverzinkt	
● 171	M16x60	0201121680	Freigegeben	Stahl		
● 172	M16x65					



# Neuer Enterprise 3Dfindit Web-Client

## Modern and easy to use (3rd Embedded in PLM)

The screenshot displays the CADENAS PARTsolutions web-client interface. The main window shows search results for bolts, with a list of items including:

- DIN 933 - Hexagon set screws with thread to head, product groups A and B (96% match)
- DIN 65265 - Hexagon bolts with MJ thread (95.3% match)
- DIN 933 - Hexagon set screws with thread to head, product groups A and B (94.3% match)
- ISO 6756 - Hexagon bolts with thread to the head, metric fine thread (92.3% match)

The detailed view of the selected hexagon bolt (DIN 65522 -05 008-B) includes the following data:

Field	Value
Description	Hexagon bolt DIN 65522 -05 008-B
Document Number	1027288
Part Document	000
Version	00
Document Type	NXM
Status Description and ID	Accessible (AC)
DType Description and ID	NX part, generated number (PINT)
Material	600065

The interface also features a 'Filter Assistant to Torx bolts' on the right side, allowing users to filter results based on various parameters:

- Nominal thread diameter [D]: 2.9 to 20
- Thread core diameter [D3]: 2.18 to 18.16
- Threaded pitch [P]: 0.5 to 2.5
- Help dimensions [B]: 2.5 to 170
- Nominal dimension [L]: 6.5 to 200
- Shank length [L3]: 0 to 135.5
- Clamping length [L0]: 2.4 to 148
- Head diameter max. [DK]: 2.4 to 148



# New Enterprise 3Dfindit web client

## The right method for every search item



Text

**Parametric text search** for combining any search terms



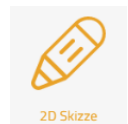
Filter

Select the right 3D CAD component thanks to **facet filters**



3D Form

**Search geometrically** using existing 3D objects



2D Skizze

Search via **2D sketch** or photo



Farbe

**Colour search**, when it counts



# New Enterprise 3Dfindit web client



Text

Parametric text search for combining any search terms

## Example catalog part

PARTsolutions 3DfindIT Enterprise

http://localhost:9020/webapps/3dfindit-enterprise/search?q=Drucksensor+AND+100bar

Download 3D CAD Models for free | 3Dfindit.com

3Dfindit.com

Drucksensor × 100bar ×

3D Shape 2D Sketch Color Grid Filter Catalogs Compare

~266 Products found in 152 Product families

- PT5002 Electronic pressure sensor
- PA3022 Pressure sensors
- PA9022 Pressure sensors
- 6832387 Pressure Transmitter (Front-Flush), With Analog Output and PNP/NPN Transistor Sw
- 6832632 Pressure Transmitter (Rotatable), 2 PNP/NPN Transistor Switching Outputs
- 6832227 Pressure Transmitter (Rotatable), With Analog Output and PNP/NPN Transistor Swit

## Example standard part

PARTsolutions 3DfindIT Enterprise

http://localhost:9020/webapps/3dfindit-enterprise/search?q=Zylinderschraube+AND+M16x60+AND+8.8

Download 3D CAD Models for free | 3Dfindit.com

3Dfindit.com

Zylinderschraube × M16x60 × 8.8 ×

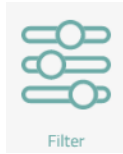
3D Shape 2D Sketch Color Grid Filter Catalogs Compare

~3 Products found in 3 Product families

- ISO 4762 Hexagon socket head cap screws
- DIN 912 Hexagon socket head cap screws



# New Enterprise 3Dfindit web client



Select the right 3D CAD component thanks to **filters**

Example  
facet  
filter

The screenshot shows the 'Visual Enterprise Search Engine' interface. The search query is 'Modul' and the results are filtered to 'PHOENIX CONTACT' components. The left sidebar shows the following filters:

- Kataloge: PHOENIX CONTACT
- Planlieferzeit (DELTIME): 0, 1, 2 ...
- PHOENIX CONTACT
- Planlieferzeit (DELTIME): 5047
- Filtern nach ...
- 0 (4)
- 1 (2)
- 2 (1)
- 3 (2045)
- 4 (5)
- 5 (10)
- 6 (3)
- 7 (108)
- 8 (8)
- Herstellertypbezeichnung (MANUTYPEDESC): 2052
- Internationale Artikelnummer (INTNO): 2052
- Mengenstaffel (QUANTITYINT): 2052
- Mindestbestellmenge (QUANTITYMIN): 2052

The main area displays 16 product cards, each with a 3D model, part number, description, and quantity. The products include:

- 2903532 FL-PP-RJ45-SCC/SC041
- 2904577 FL-PP-RJ45-SCC/SC045
- 2891013 FL PSE 2TX
- 2891042 FL PD 1001 T GT
- 2832344 FL IF 2TX VS-RJ-F
- 1108712 GW PN/DP 1E/1DB9
- 2313096 PSI-REP-RS485W2
- 2313452 FL COMSERVER UNI 232/422/485
- 2313478 FL COMSERVER BASIC 232/422/485
- 2744429 PSM-ME-RS485/RS485-P
- 2905640 VAL-MB-T1/T2 1500DC-PV/2+V-FM
- 1100964 VIP-2/PT/D37SUB/M/E T200SP-HA
- 2281018 FLKM 10
- 2281034 FLKM 16
- 2281047 FLKM 20
- 2281076 FLKM 40

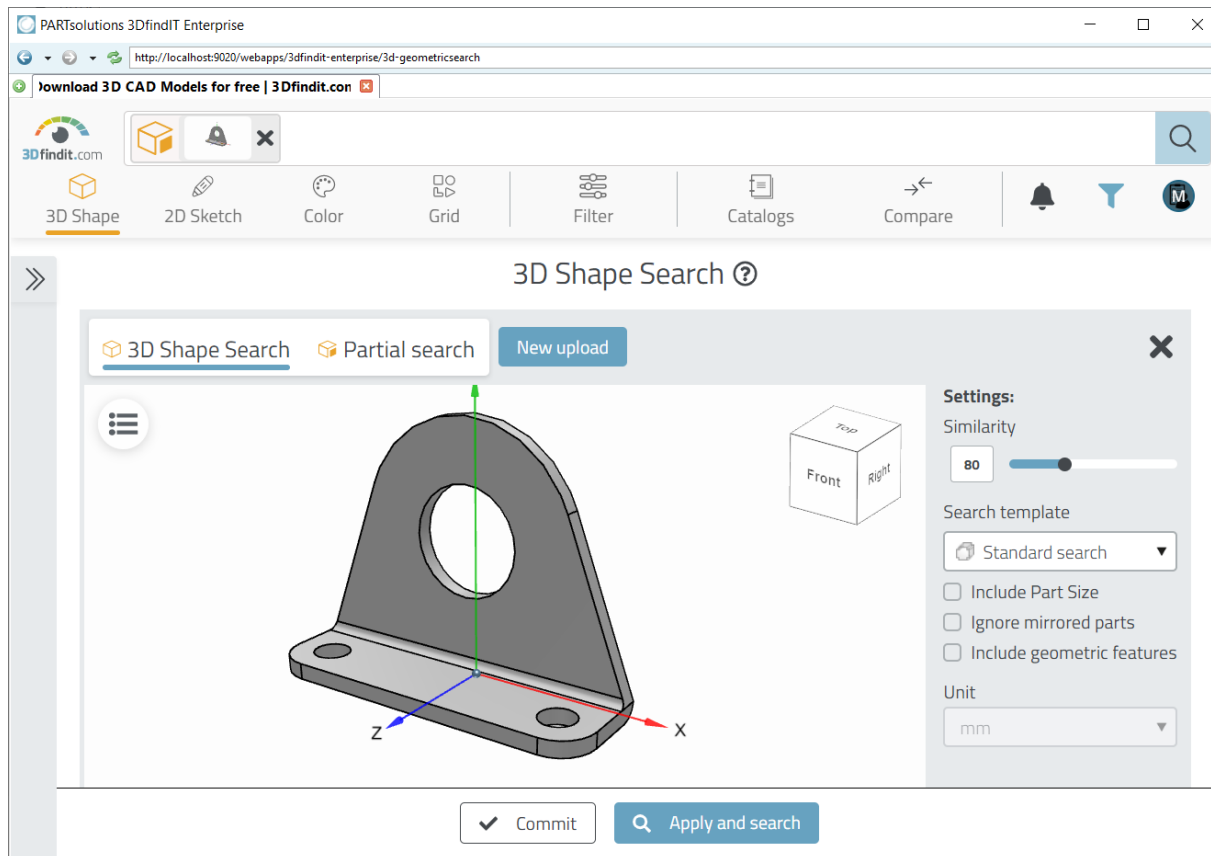


# New Enterprise 3Dfindit web client

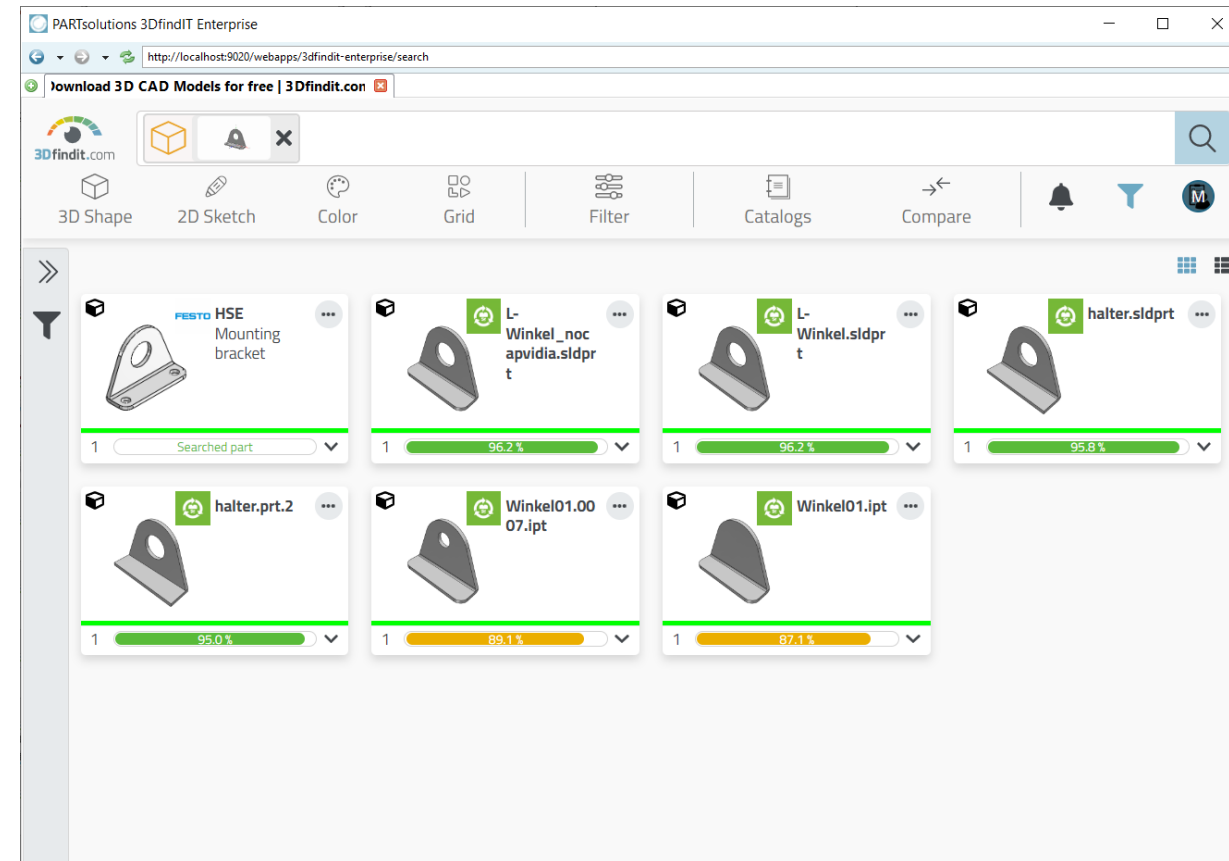


Search geometrically using existing 3D objects

## Example 3D mounting bracket

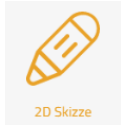


## Example 3D object search results



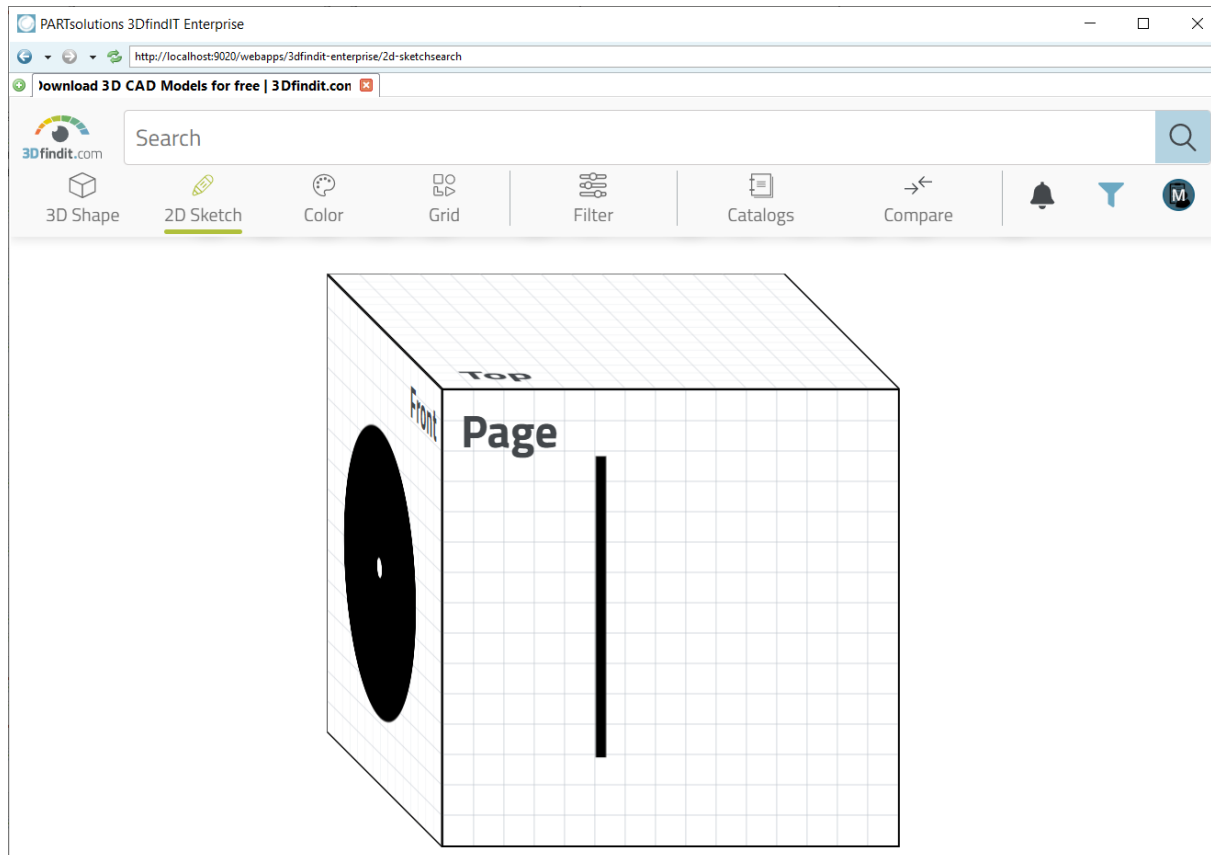


# New Enterprise 3Dfindit web client

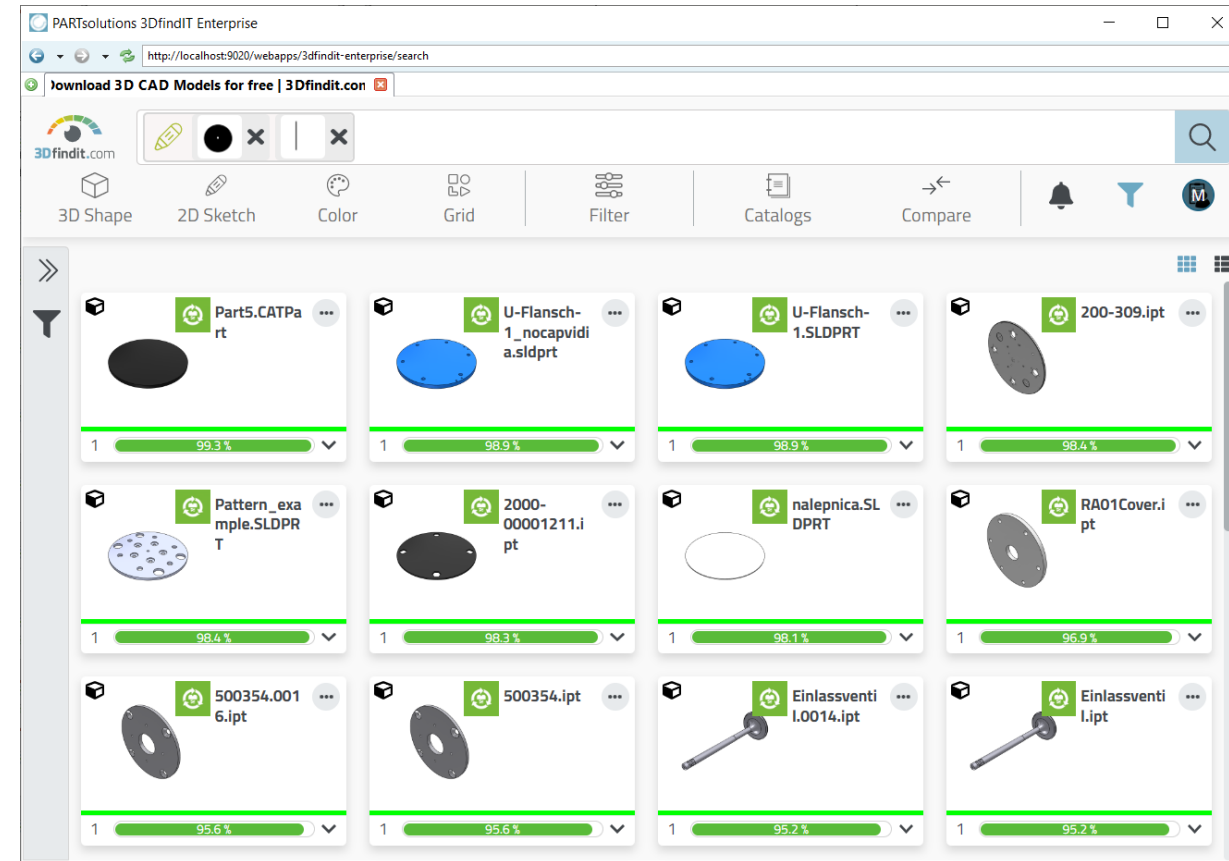


Search via **2D sketch** or photo

## Example 2D sketch

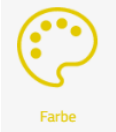


## Example 2D sketch search results





# New Enterprise 3Dfindit web client



Colour search, when it counts

## Example 2 Colour search

## Example 2 Colours search results

Item Name	Count
125.SLDPRT	1
ST116.SLDA SM	1
baseplate.pr t	1
Schwenki.SL DASM	1
vise_handle .prt	1
vise1_handl e.prt	1
sew_mach_ assm.prt	1
_ZSB_ZSB- 04.SLDASM	1
baseplate.pr t.creo	1
doorlatch_h ead.prt	1
lw_vise_ha ndle.prt	1
drive_cstar out.prt	1

Colourcode	R	G	B	Tolerance
Yellow	255	217	102	+- 0,005
Olive Green	255	255	0	+- 0,01

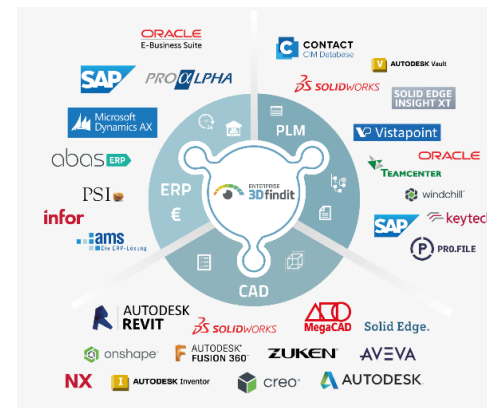




PARTsolutions becomes Enterprise 3Dfindit



# For companies with CAD, PLM and ERP





For companies with CAD, PLM and ERP

## Advantages of CAD/PLM/ERP integration

Configuration of the New creation in ERP via the **SAP interface**: material creation field mapping, status, SAP product classification support, etc.



Configuration PLM check-in/out via the **PLM interface(s)**: Check-in field mapping, owner, status, target folder, etc.

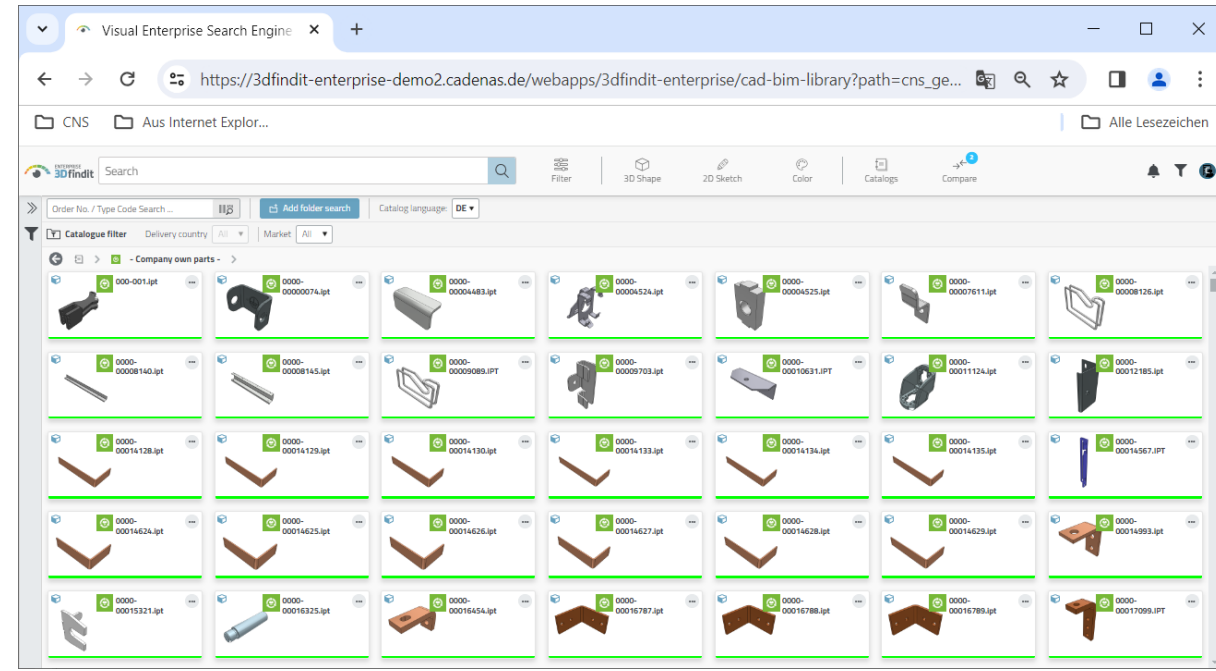
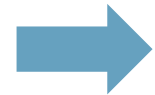
Configuration of the generation of CAD data via **the CAD interface(s)**: File name, display name, physical material, catalog weight, template file, layer, assembly dependencies, colors, etc.



For companies with CAD, PLM and ERP

## Advantages of CAD/PLM/ERP integration

- + Installation and ongoing update of only the **requested standards and catalogs**
- + Cataloguing and indexing of your **drawing parts and other standard and catalog parts**

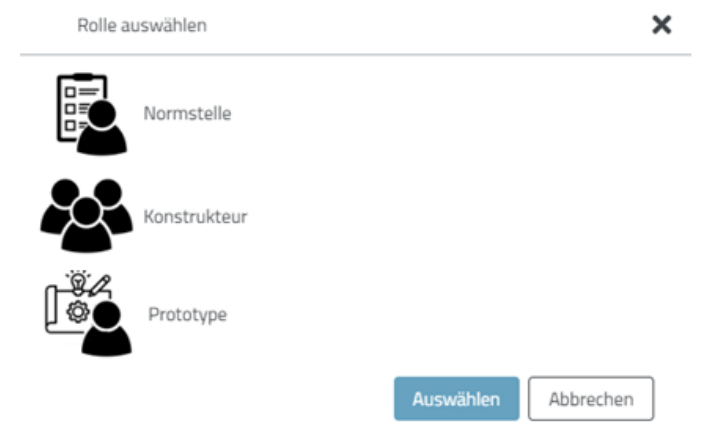




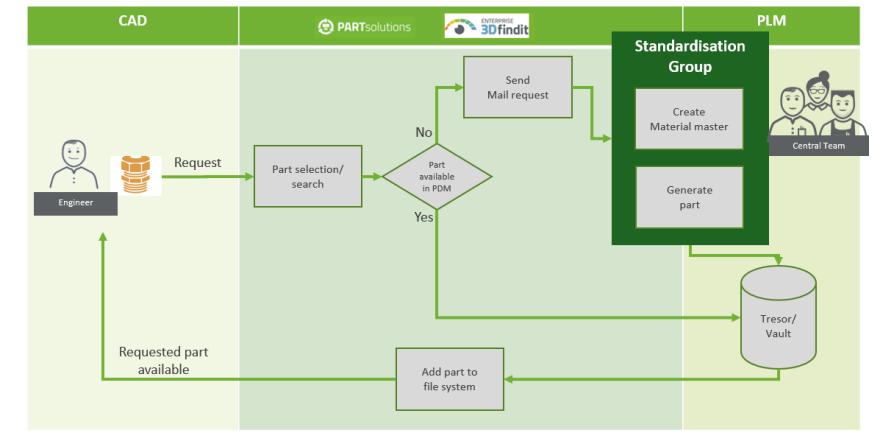
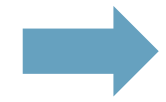
For companies with CAD, PLM and ERP

### Advantages of CAD/PLM/ERP integration

**+** Configuration of **user roles with specific views and access rights**



**+** **E-mail workflow** to request new standard or catalog parts or new manufacturers





For companies with CAD, PLM and ERP



## Advantages of CAD/PLM/ERP integration



**Preferred suppliers and parts for re-use** are automatically visualised via traffic lights



The screenshot shows a web browser window with the URL <https://3dfindit-enterprise-demo2.cadenas.de/webapps/3dfindit-ente...>. The interface includes a search bar, navigation tabs (Filter, 3D Form, 2D Skizze, Farbe, Kataloge, Vergleich), and a breadcrumb trail: ACE Stoßdämpfer > TUBUS-Serie > TA - TUBUS-Serie. The main content area displays a table for 'TA50-22' with columns for Material, PLM Status, Werkstoff, Oberfläche, Preis, Lager, Artikel-Nr., and Max. Energieaufnahme. Row 12 is highlighted with a green traffic light in the PLM Status column. Below the table is a 3D model of a cylindrical part with a coordinate system (X, Y, Z) and a 'Vorn Rechts' orientation indicator.

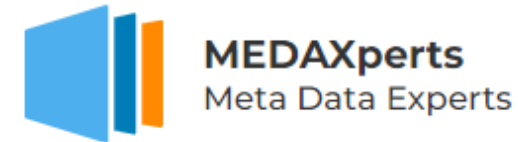
	Materialnu... CNS_MATERIA...	PLM Status CNS_MATSTATE	Werkstoff CNS_MATERIAL	Oberfläche CNS_SURFACE	Preis ... CNS_P...	Lager 1 CNS_STOC...	Artikel-Nr. ARTNR	Max. Energieaufnahme b... EAUF1 [Nm/Hub]
11							TA50-22	170.0
12	0121322514	Freigegeben	Kaufteil	Unbehandelt			TA50-22	170.0
13							TA54-22	201.0



PARTsolutions becomes Enterprise 3Dfindit



# Added value partner apps & solutions





## Added value partner apps & solutions



### Added value through pcn.global obsolescence management

>> Access to > 70,000 PCNs from > 1,000 manufacturers in the IN DER PCN.GLOBAL DATABASE

DIGITALES PCN MANAGEMENT  
& PROFESSIONELLE BEARBEITUNG  
VON OBSOLESZENZFÄLLEN IN EINEM  
TOOLSET

Der digitale Ansatz basierend auf *smartPCN* -  
IEC 62402:2019 & VDMA 24903

om\_cockpit®

DM Daten- und Dokumentations-Management

Product Change Notification (PCN) und Product Discontinuation Notification (PDN)



# Added value partner apps & solutions



## Added value through pcn.global obsolescence management

>> Access to > 70,000 PCNs from > 1,000 manufacturers in the IN DER PCN.GLOBAL DATABASE

ENTERPRISE 3Dfindit 2280284 x

Filter 3D Shape 2D Sketch Color Catalogs Compare

PHOENIX CONTACT 2280

PHOENIX CONTACT 2280

Search in table ...

ERP number ERP\_PDM\_NUMBER

1

3D 2D

PCN

This feature is brought to you by [pcn.global](#)®.

Credits  
Total/Used/Remaining: 1000 / 208 / 792

2280284

Show 25 records

	PCN Number	PCN Title	Manufacturer	PCN Type	Alert Type	EOP Eff. Date	Issue Date	Change Title
⌵   Equals...	⌵   Contains...	⌵   Contains...	⌵   Contains...	⌵   Con	⌵   Contain	⌵   On...	⌵   On...	⌵   Contains...
Show PCN	CCK210029-00	Short IDC/FLK locking clip with chang...	Phoenix	PCN	MAJOR	2021-05-15	2021-04-27	The outer contou
Show PCN	CCK200145-00	EAC approval dropped	Phoenix	PCN	MINOR	2021-11-01	2021-11-03	Correct marking
Show PCN	CCK210209-00	Temporary color version for IDC/FLK c...	Phoenix	PCN	MAJOR	2021-12-10	2021-11-30	Temporary color
Show PCN	CCK180067	Reduction of the operating voltages o...	Phoenix	PCN	MAJOR	2019-04-15	2018-11-06	The maximum pi
Purchase PCN	PCN-IF-3122-2...	Product Change Notification	Phoenix	PCN	MAJOR	2019-04-30	2019-02-22	The products cor
Purchase PCN	CCK180012	Product Change Notification for the P...	Phoenix	PCN	MAJOR	2019-04-01	2018-09-01	Design change a

1 - 6 of 6 records

Open the link in new tab

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@ eClass11.0



Produktänderungs- & Produktabkündigungsmittlung [PCN & PDN]

Stammdaten des Herstellers	
Firmenkurzbezeichnung: Phoenix Contact	
Titel / kurze Beschreibung: Umstellung der „HC“ Bedruckung	
Art der Mitteilung: Produktänderungsmittlung	Datum der Veröffentlichung: 2019-5-3
Identifikationsnummer: AAA170024	Revisionsnummer: 02
PCN Format Version: VDMA24903_1.0	Firmenbezeichnung: PHOENIX CONTACT GmbH & Co. KG
Strasse: Flachmarktstraße 8	Kontakt Typ: MANUFACTURER
Postleitzahl: 32825	Business Unit: PCB Connectors (PCC)
Stadt: Blomberg	E-Mail: info@phoenixcontact.com
Bundesstaat: Nordrhein-Westfalen	Ländercode: DE

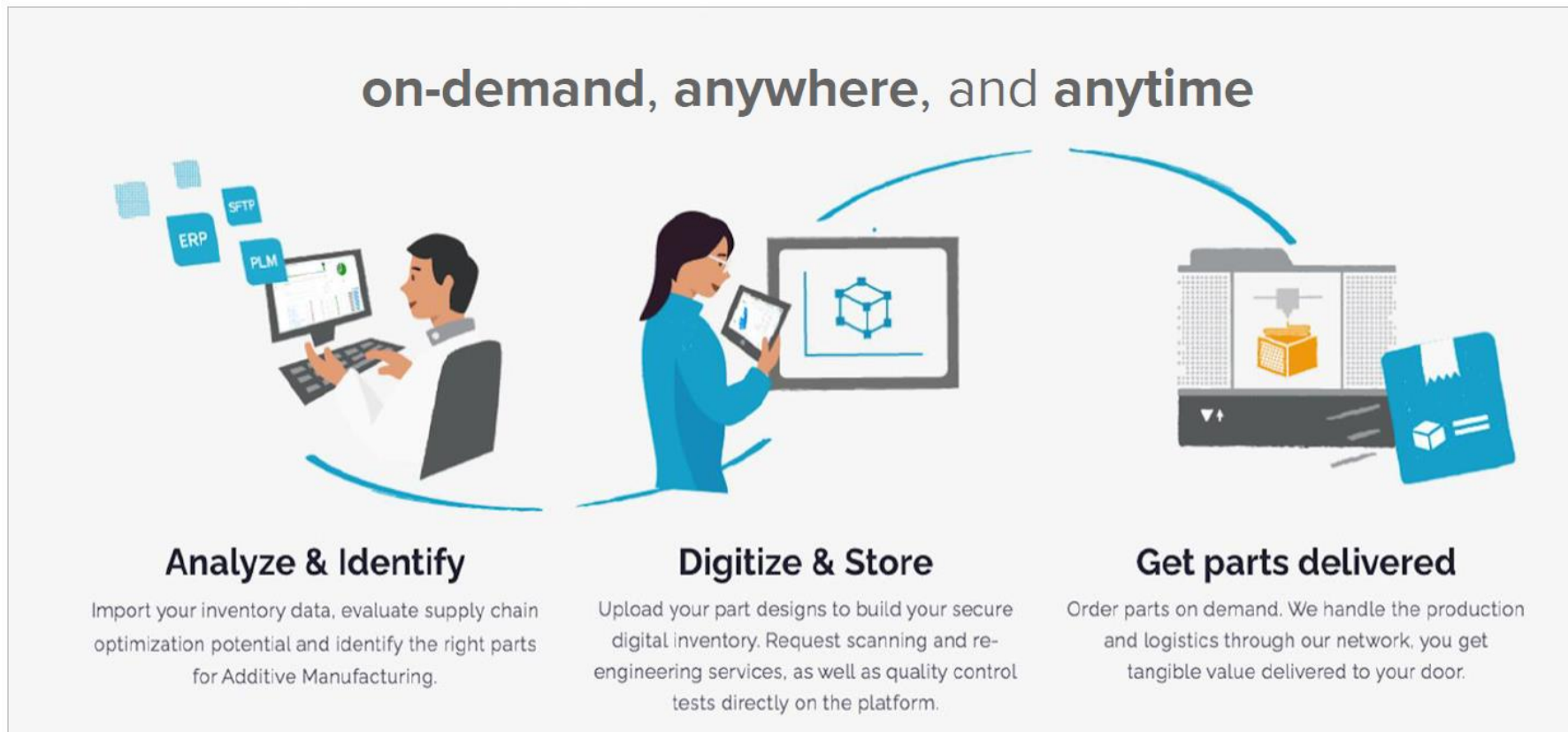
Änderungsgrund	
Phoenix Contact Produktkategorie	
• Leiterplattenklammern und -Steckverbinder	
Kategorie der Artikel nach VDMA 24903	
• Aktive Elektronik	
Kategorie der Änderung nach VDMA 24903	
• Beschriftung	





# Added value partner apps & solutions

**Added value through DiManEx platform for additive manufacturing on demand**  
**>> 8% to 15% of all production parts have the potential to be additively manufactured!**





## Added value partner apps & solutions



### Added value through DiManEx platform for additive manufacturing on demand

>> 8% to 15% of all production parts have the potential to be additively manufactured!



**Total Cost**  
(>50% reduction)  
**Lead Time**  
(90% faster)

**High Minimum**  
**Order Quantity**





# Added value partner apps & solutions

**Added value through MEDAXpert's ticket system for missing catalogue parts**  
**>> Have missing catalog parts added simple, fast and cheap "on demand"!**

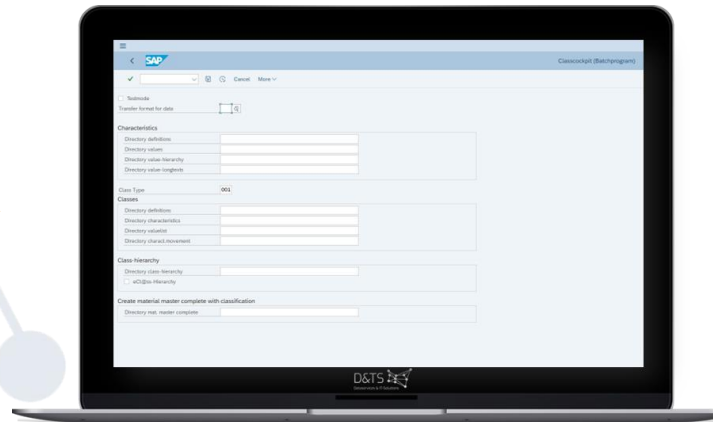




# Added value partner apps & solutions

## Added value through D&TS ECLASS Support >> Bring order to your SAP master data with classification

### ECLASS



**ClassCOCKPIT**  
SAP



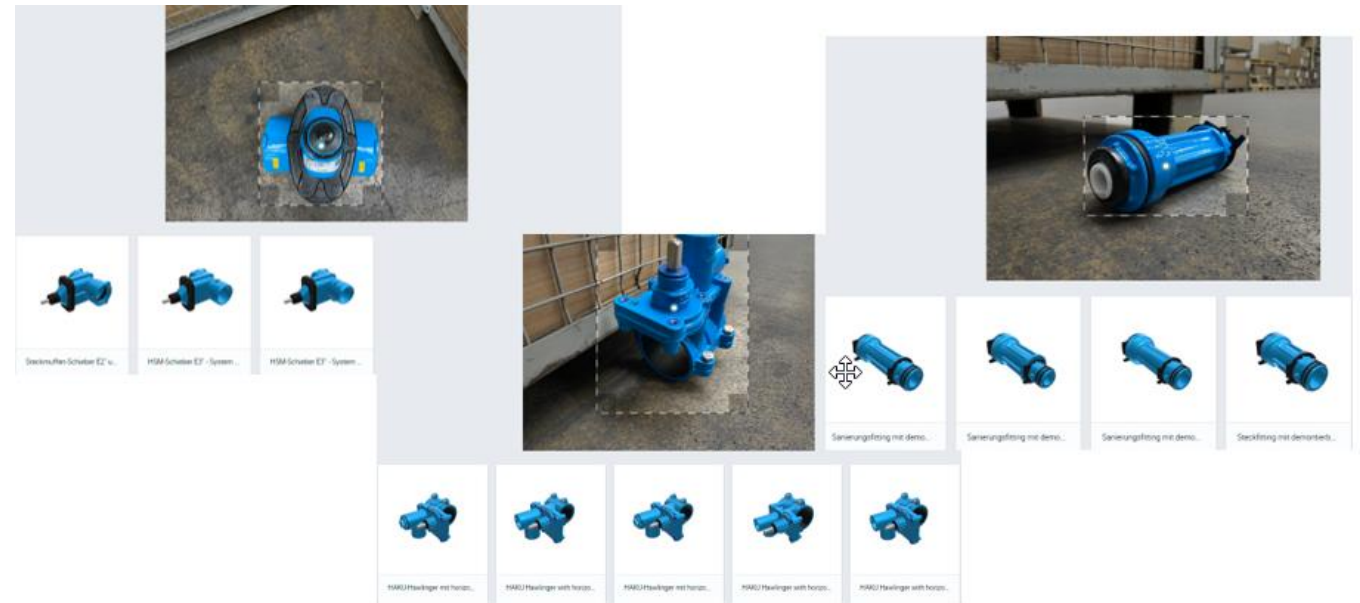
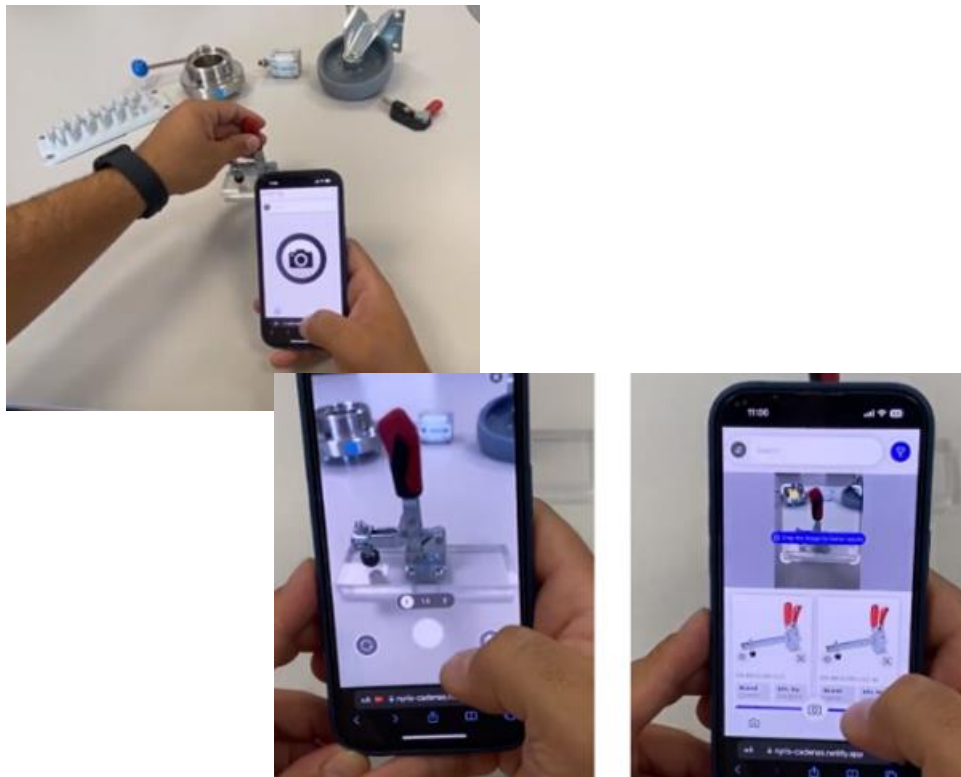
Objekt	Objekt-Bezeichnung	Herstellerkennung	Hersteller-Nr.	Materialkürzel (30-Charakter)	Werte	Hilfsnr.	Hilfsnr.2	Bemessung	Anschluss	Hauptstrom	
200000	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	1,00	0,00	999	SCHRAUBENSCHLÜSSEL
200003	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200060	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200062	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	1,00	0,00	999	SCHRAUBENSCHLÜSSEL
200063	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200069	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200084	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200088	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200091	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200098	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200099	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	999	SCHRAUBENSCHLÜSSEL
200097	Met	ABB	19BL141001FR0010	ABB	Leistungsschütz	ABB	90	0,00	1,00	1000	SCHRAUBENSCHLÜSSEL
200071	Met	Siemens	3RT1028-1A400	SIEMENS	Leistungsschütz	Siemens	90	0,00	0,00	110120	SCHRAUBENSCHLÜSSEL
200070	Met	SCHNEIDER	LC1-F50	SCHNEIDER	Leistungsschütz	Schneider	90	0,00	0,00	1000	SCHRAUBENSCHLÜSSEL



# Added value partner apps & solutions

## Added value through nyris image search

>> Image search for easy identification of spare parts

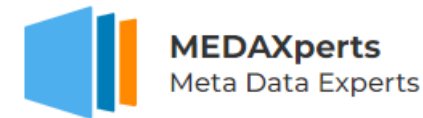




Take advantage of the live demo at the booth!



Live **Demo**  
at **CADENAS**  
or **partner**  
**booth!**





# PARTsolutions becomes Enterprise 3Dfindit



Thank you for your attention!



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Vice President Enterprise 3Dfindit

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E-Mail: [M.Poppinghuys@cadenas.de](mailto:M.Poppinghuys@cadenas.de)





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