# **CSK - CAD Systeme Kluwetasch**





MRP-Link offers you the opportunity to carry out fully automated internal processes.

With a new interface, which is disclosed to you.

You get the option from MRP-Link to integrate your own developed programs and run them as automated processes.



We will program individual routines as service, too. The customer will get the source code of customer Class. The user rights belongs to the whole customer Class and not to then MRP-Link Toolkit. Is to be programmed with Visual Studio



SQL-Server is not part of MRP-Link

#### **Remote Procedure Call Sequenz**





CADSTAR invoke MRP-Link with a set of parameter.

MRP-Link invoke BOM Extractor with a set of parameter.

BOM Extractor get online Information's from current designs

MRP-Link invoke Toolkit with a set of parameter.

Do some stuff based on user programming and definitions.

Create as example two different csv files.

Close MRP-Link and set CADSTAR activ.

# CADSTAR



# CADSTAR

#### The customized Menu bottoms are placed inside the CADSTAR Menu.



With a single simple mouse click the user is able to carry out a series function with different user defined results.

### CADSTAR



# CADSTAR

With the CADSTAR Tools Options we expand are able to expand the Tools Menus in CADSTAR.

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Here we start MRP-Link, with a Parameter "/Autoconnect yes". The MRP-Link will start without any Login or password question.

#### CADSTAR Add Point in Tool Menu



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System	File Locations	Library Paths	Interaction	Display	Constraints	Cross Probing	g Reports	Tools	Macros	DS-1		
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# CAÓSTAR

First type a name which appears in the CADSTAR menu.

Second select the program you want to start. In this the BOM Extractor will be invoked.

We start BOM Extractor, without any parameter to work interactive. If there are no arguments, only the program will start.

#### BOM Extractor direct call with Schema

The CADSTAR menu shows the user to generate a defined



CADSTAR	BOM - or check list from the current design.	
	Options	×
User Tools	System File Locations Library Paths Interaction Display Constraints Cross Probing Reports Tools Macros DS-1	
MRP-LINK Autoconnect	Tools on Menu Add	
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BOM Extractor Singel Line Auto Open Excel BOM Extractor Singel Job Dir Launch Tool "C:\Program Files (x86)\CSK - CAD Systeme Kluwetasch\CADSTAR BOM-Extractor BOM Extractor Set Accumulated Job Dir	BOM Extractor Singel Line Auto Open Excel BOM Extractor Accumulated Job Dir BOM Extractor Accumulated Auto Open Excel BOM Extractor Sel Accumulated Job Dir MRP-Link Interactiv Down	
MRP-Link Interactiv	Menu Name BOM Extractor Singel Job Dir	
IPC- 7351-C (15) Gerber-View ODB++ View	Eilename       C:\Program Files (x86)\CSK - CAD Systeme Kluwetasch\CADS          Arguments       /autoRun Yes /Schema D:\CSK_Data\Definition\MRPLINK\X	
Variant Manager	Initial Directory	
Add/Edit Tools on Menu	OK Cancel	<u>H</u> elp

The BOM Extractor will now start with "/AutoRun Yes" as first parameter. The second parameter "/Schema Filename.xml" will point to a BOM Extractor Schema. Which include the option- and view setting for the file export, XML or CSV.

#### CADSTAR Add Point in Tool Menu



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#### CADSTAR

The CADSTAR menu shows the user to generate a defined BOM - or check list from the current design.

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€ ∋ - ↑ 🎍 «	< Programme (x86) → CSK - CAD S	ysteme Kluwetasch → MRP-Link 16.0	0 → Programs →	✓ Č					
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🔕 Creative Cloud F	📥 MRPLink.exe	30.04.2015 10:21	Anwendung	6.016 KB					
	📥 Restarter.exe	07.01.2014 10:57	Anwendung	93 KB					

Second select the program you want to start. In this the MRP-Link will be invoked.

The MRP-Link will now start with "/Autoconnect yes". The second parameter will open the application list inside MRP-Link.

### **MRP-Link Add Point in Customer Menu**



CANSTAP

4	MRP-Link - [BOM Management]									The
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The CADSTAR menu shows the user to generate a defined BOM - or check list from the current design.

In the application hierarchy is a very similar menu, which is well known from CADSTAR. The difference are necessary, because we work with a database to populate the new lines and values.

Setti	ngs - Administra	tion View (Full Rights)	
Choose your settings	Application Application-Reset: Externel Tools Tools BOM Extractor Singe	Reset Add Tool Save Tool Delete el Job Dir	Tool Up Down
- Perfomance	Displayed Name Filename Arguments Image Name Small Image Name Tool Tip	BOM Extractor Singel Job Dir C:\Program Files (x86)\CSK - CAD Systeme Kluweta /autoRun Yes /Schema D:\CSK_Data\Definition\M bom_icon_32x32.gif v Order Number 1 bom_icon_16x16.gif v Button Size Large v Start BOM Extractor and generate check list	
ОК Неір	Import Applications	Export Applications	

The BOM Extractor will now start with "/AutoRun Yes" as first parameter.

The second parameter "/Schema Filename.xml" will point to a BOM schema. Which include the option- and view setting for the file export, RTF, xml od CSV.

CSK MRP-Link Official German Distributor

Für Rückfragen und weitere Informationen steht Ihnen das CSK Team gerne zur Verfügung.

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**MRP-Link** 

