

---

# Correct basic setting

## Basis for simple programming

# ZEISS CALYPSO: PiWeb Reporting

## Use basic settings

### Create a user profile for each user



Create a user profile for all CALYPSO users.  
Fill in the user profile for each user:  
CALYPSO → Extras / Settings / User

### Related “Keyword” in PiWeb reporting

Prüfer	K0008
Abteilung	K1101
Telefon, Fax, E-Mail	Name-Wert-Paar \${Qdb.Property("PhoneFaxEMail")}
Werk	K1301

System-Einstellungen

Benutzer

Name: G.Haas

Werk: SMT Oberkochen

Abteilung: QS- TMP

Kostenstelle: 120120

Telefon: 19-3875

Fax: 19-3899

e-Mail: messraum@smt.de

Beschreibung:

Home-Verzeichnis: c:\ProgramData\Zeiss\CALYPSO 6.6\users\G.Haas

Kennwort:  Darf Kennwort ändern

Verwaltung  
Rechte  
AutoRun Rechte  
Profil

Master Produktion

OK Abbrechen Übernehmen

# ZEISS CALYPSO: PiWeb Reporting

## Use basic settings

### CNC start with fast user switching: select user



At CNC start in the “Report header data” dialog  
Select the user:

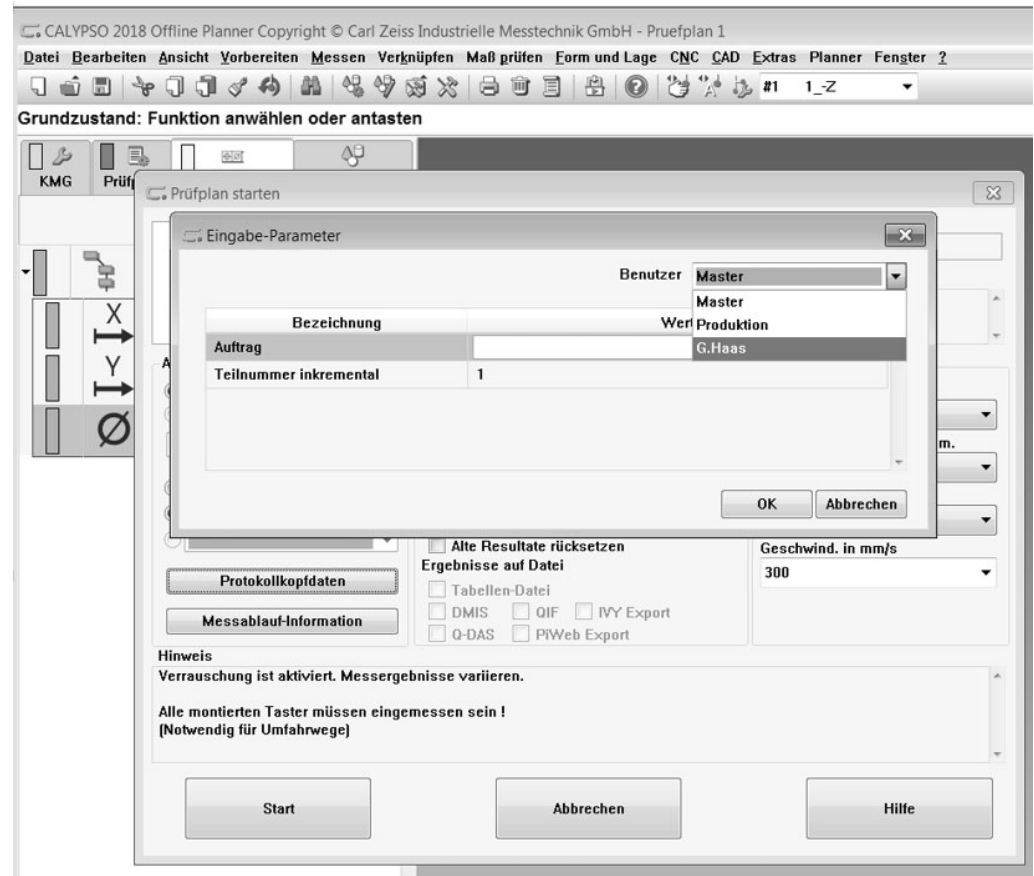
#### Summary:

Create all required users with a full profile in the CALYPSO user administration.

Use “fast user switching” in the “Report header data” dialog during CNC start.

#### Note:

This function is in CALYPSO 2017.



# ZEISS CALYPSO: PiWeb Reporting

## Use basic settings



### Standard protocol header fields dialog in CALYPSO 2019

New additional information is visible in the “protocol header parameters” dialog:

Easily detect whether header parameters come from the default list, database extension, or userfields.in.

If you click on the column heading, the output is sorted.

The dialog is called in => Definition of Multiple report/  
Select report header parameter

Identifier:

U = Parameter is generated by userfields.ini

P = Parameter is generated by the database extension

No addition = ZEISS standard parameters

Protokollkopfparameter auswählen

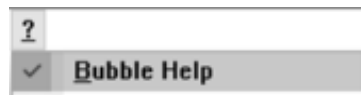
CNC-Start	Prüfplan	Parameter Name	Identifier
<input type="checkbox"/>	<input type="checkbox"/>	Arbeitsgang (Operation)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Auftrag	
<input type="checkbox"/>	<input type="checkbox"/>	Auftrag_gha	U
<input type="checkbox"/>	<input type="checkbox"/>	Auftraggeber	
<input type="checkbox"/>	<input type="checkbox"/>	Bemerkung:	
<input type="checkbox"/>	<input type="checkbox"/>	Günters Knopf	
<input type="checkbox"/>	<input type="checkbox"/>	Hersteller	
<input type="checkbox"/>	<input type="checkbox"/>	Kavität	
<input type="checkbox"/>	<input type="checkbox"/>	Kommentar bei Start	
<input type="checkbox"/>	<input type="checkbox"/>	Kunde	
<input type="checkbox"/>	<input type="checkbox"/>	Lieferant	
<input type="checkbox"/>	<input type="checkbox"/>	Linie	
<input type="checkbox"/>	<input type="checkbox"/>	Los-Kennung	P
<input type="checkbox"/>	<input type="checkbox"/>	Maschinenbezeichnung	
<input type="checkbox"/>	<input type="checkbox"/>	Maschinennummer	
<input type="checkbox"/>	<input type="checkbox"/>	Meine Z Nr	U
<input type="checkbox"/>	<input type="checkbox"/>	Nestbezeichnung	
<input type="checkbox"/>	<input type="checkbox"/>	Nestnummer	
<input type="checkbox"/>	<input type="checkbox"/>	Palettenkennung	
<input type="checkbox"/>	<input type="checkbox"/>	Palettenplatz	
<input type="checkbox"/>	<input type="checkbox"/>	Prüfberichts-Nr.:	
<input type="checkbox"/>	<input type="checkbox"/>	Prüfgrund	
<input type="checkbox"/>	<input type="checkbox"/>	Prüfungs-Kennung	
<input type="checkbox"/>	<input type="checkbox"/>	Rev. Werkstück	

Callouts:

- Select column for sorting
- U = generated by userfields.ini
- P = generated by PiWeb database extension
- Meine Z Nr  
PiWeb reporting Ziel: \${Qdb.Property("u\_ZNr")}  
Benutzerdefinierte Protokollkopfvariable
- Mouse over shows the PiWeb reporting target

Buttons: OK, Abbrechen

Tip:  
Enable “Bubble Help”



# ZEISS CALYPSO: PiWeb Reporting

## Use basic settings



## Selection list for all ZEISS standard report header fields

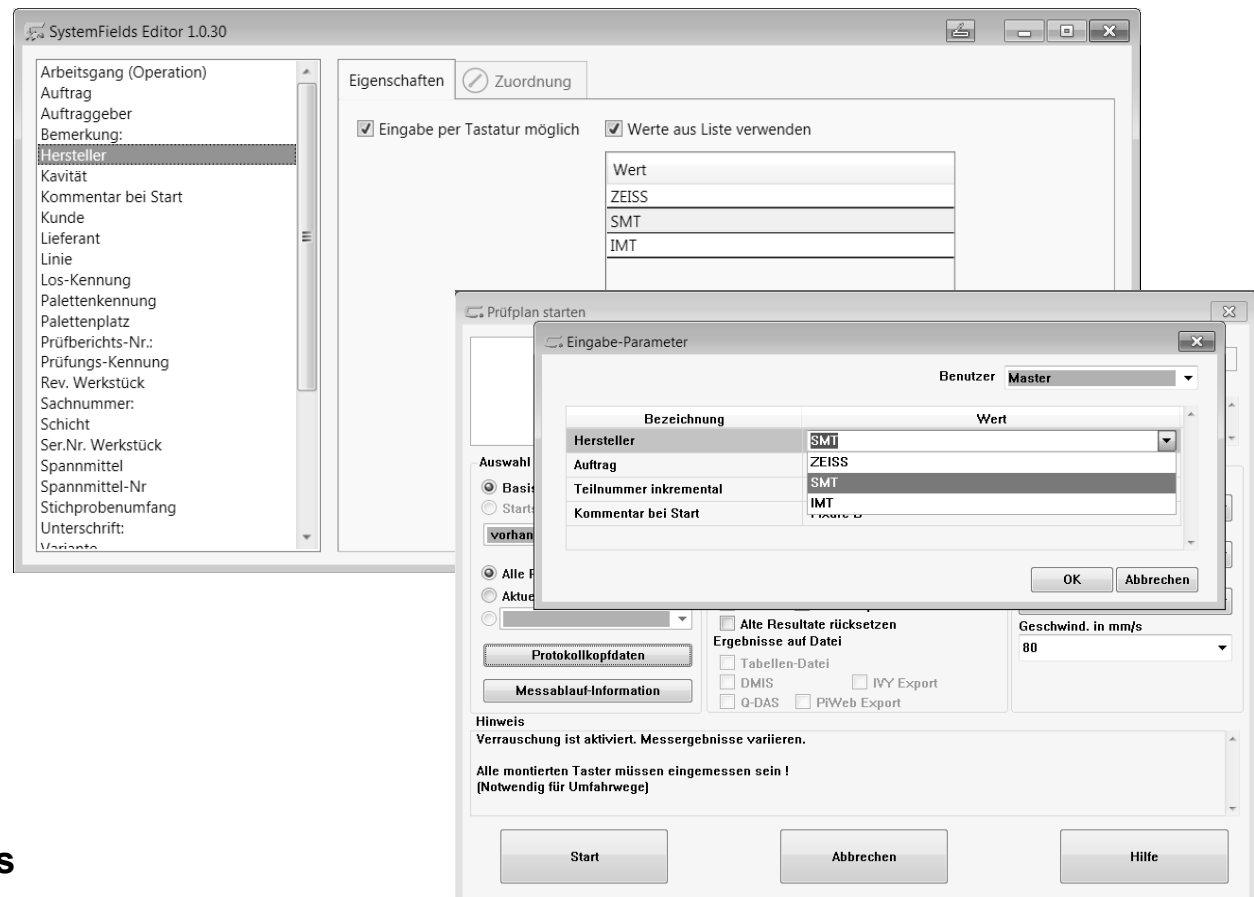
Selection lists can be defined for all standard header fields. This makes it easy to fill in recurring fields in the dialogs at CNC start.

Report header fields can also have a select list for all ZEISS standard fields.

An easy selection at CNC start is possible. Selection lists make data selection much easier for statistical evaluations or data filtering in the report.

Create the selection list for all ZEISS standard protocol header fields in the dialog:

**Resources / Design custom report**  
**➔ Editor for pre-defined report header variables**



# Use of Simple Structures for Easy Data Exchange

If possible, use finished protocol head variable



If possible, use finished protocol head variable

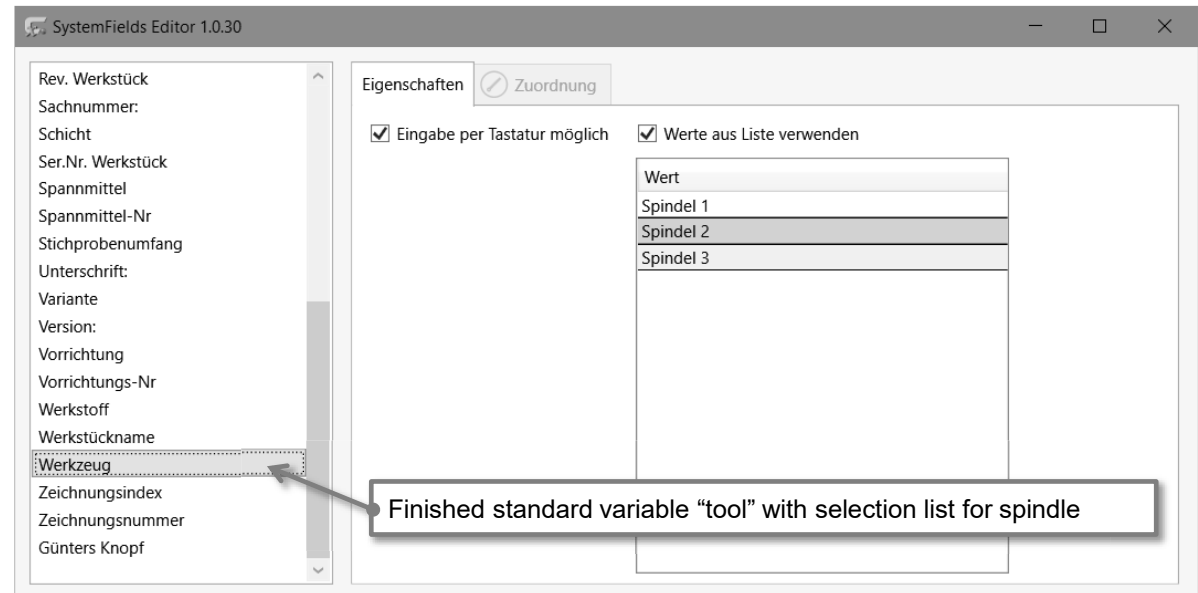
Example: A “Spindle” field is required

## Complicated:

userfilds.ini + pull-down menu + mapping

## Easy:

Finished protocol head variable + pull-down menu



# Expand report header fields

PiWeb reporting

# PiWeb Reporting: Create a New Report Header Output Field (CALYPSO 2019)

Create a new output field in the report



## 3 steps:

### 1. CNC start page in CALYPSO

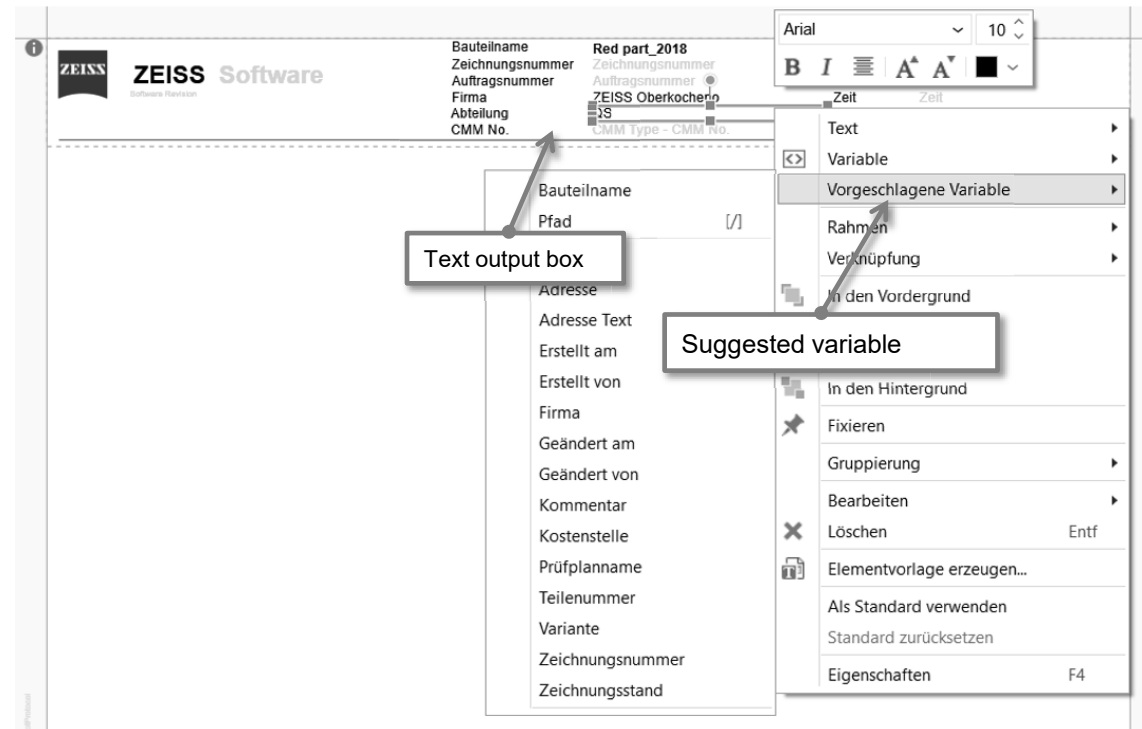
In CALYPSO, enter the field with a value on the CNC start page.

### 2. Start measurement

This will write the value to the database.

### 3. PiWeb Designer “Suggested variable”

After the measurement has been completed, call the PiWeb Designer and use the “Suggested Variable”





# **CALYPSO 2019**

Add protocol header keyword  
Neues Protokollkopffeld hinzufügen

---

# Standardization

Report header, expand fields in PiWeb reporting

# Default List of Protocol Header Parameters Expanded

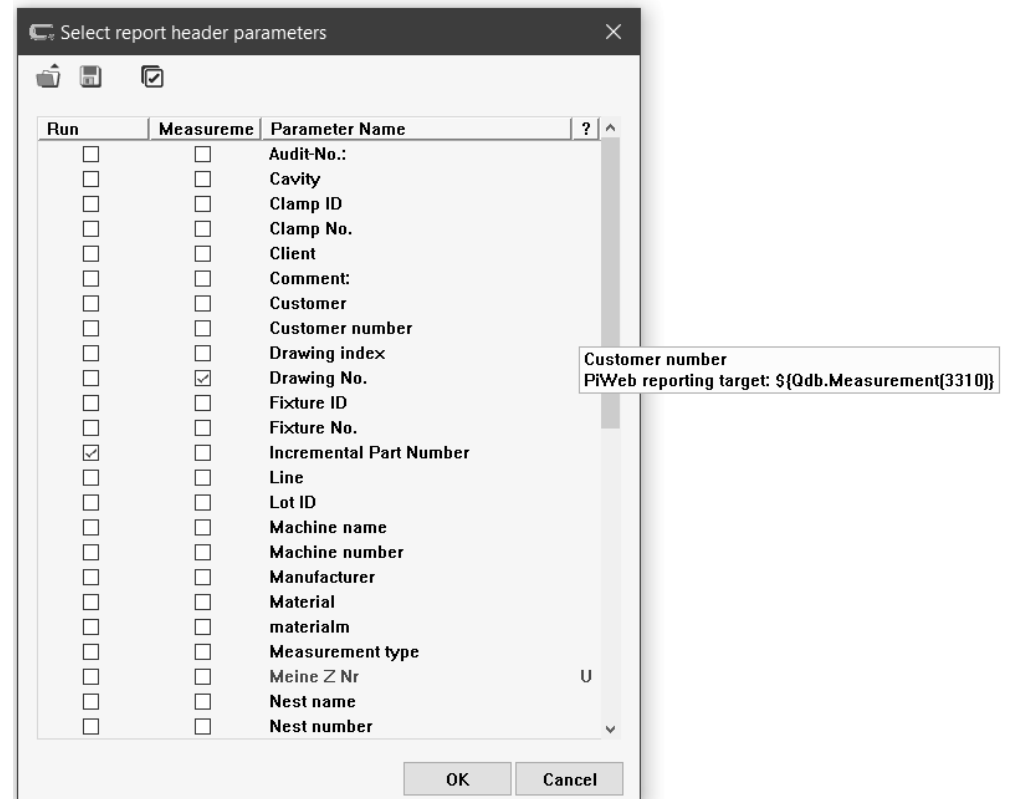
## New protocol header parameters



The default list of header parameters has been expanded. The fields are available in the CALYPSO selection list of report header parameters.

There are the following new protocol header parameters:

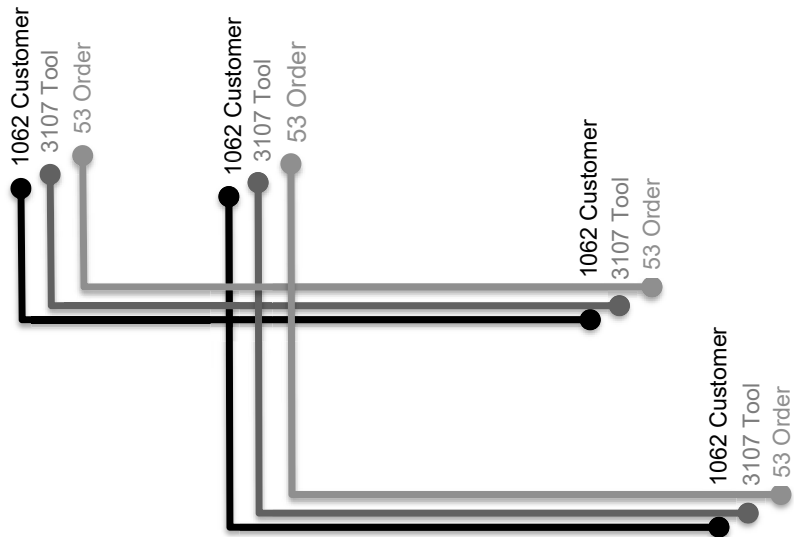
K80	Stichproben-Ident	(Sample Size)
K1210	Messungstyp	(Measurement type)
K1302	Prüflos	(Lot ID)
K3310	Kundennummer	(Customer number)
K15/4391	Prüfgrund	Reason for inspection)



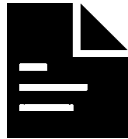
# Default List of Protocol Header Parameters Expanded

New protocol header parameters

Use standardization for unified data exchange



**Digitization of the factory**



**Easy data handling**



**Consistent data management**

Select report header parameters

Run	Measureme	Parameter Name	? ^
<input type="checkbox"/>	<input type="checkbox"/>	Audit-No.:	
<input type="checkbox"/>	<input type="checkbox"/>	Cavity	
<input type="checkbox"/>	<input type="checkbox"/>	Clamp ID	
<input type="checkbox"/>	<input type="checkbox"/>	Clamp No.	
<input type="checkbox"/>	<input type="checkbox"/>	Client	
<input type="checkbox"/>	<input type="checkbox"/>	Comment:	
<input type="checkbox"/>	<input type="checkbox"/>	Customer	
<input type="checkbox"/>	<input type="checkbox"/>	Customer number	
<input type="checkbox"/>	<input type="checkbox"/>	Drawing index	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drawing No.	
<input type="checkbox"/>	<input type="checkbox"/>	Fixture ID	
<input type="checkbox"/>	<input type="checkbox"/>	Fixture No.	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Incremental Part Number	
<input type="checkbox"/>	<input type="checkbox"/>	Line	
<input type="checkbox"/>	<input type="checkbox"/>	Lot ID	
<input type="checkbox"/>	<input type="checkbox"/>	Machine name	
<input type="checkbox"/>	<input type="checkbox"/>	Machine number	
<input type="checkbox"/>	<input type="checkbox"/>	Manufacturer	
<input type="checkbox"/>	<input type="checkbox"/>	Material	
<input type="checkbox"/>	<input type="checkbox"/>	materialm	
<input type="checkbox"/>	<input type="checkbox"/>	Measurement type	
<input type="checkbox"/>	<input type="checkbox"/>	Meine Z Nr	U
<input type="checkbox"/>	<input type="checkbox"/>	Nest name	
<input type="checkbox"/>	<input type="checkbox"/>	Nest number	

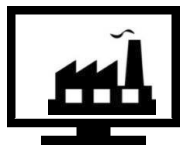
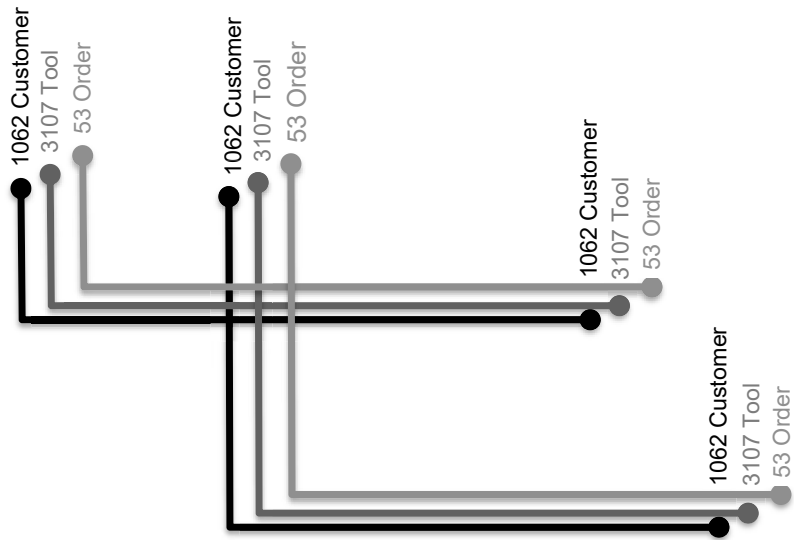
Customer number  
PiWeb reporting target: \${Qdb.Measurement{3310}}

OK Cancel

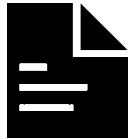
# Default List of Protocol Header Parameters Expanded

Use standardization for unified data exchange

If necessary, use the local database extension (works without ZEISS PiWeb)



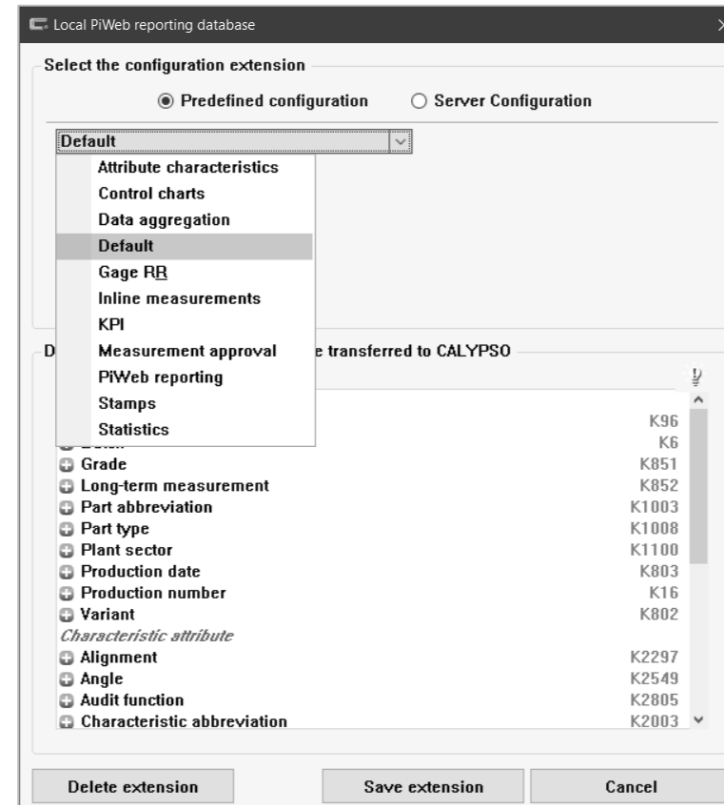
**Digitization of the factory**



**Easy data handling**



**Consistent data management**



Extras/Settings/Environment/PiWeb reporting Database extension