



02359-001

Tutorial

T8-/T8-2 Control unit Network- and MY.ZSK Setup



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Subject to change!
Änderungen vorbehalten!

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1. General

1.1 Glossary

NOTICE

All described functions of the control unit T8-/T8-2 will be started at the Base Screen.

Keynames

Figure: 1.1:
T8-/T8-2 Base Screen



The used key notations of function descriptions will be shown in the T8-/T8-2-figure above.
Keys for controlling operation of the software are usually depicted as follows:

- [R1] Select machine design

Recurring key functions

The following recurring key functions always have the same position and function in the screen shots. These functions will be explained here for simplifications and they will be displayed in function description only as key functions.

[L7] Defaults

When using this function, the settings shown in the screen will be reset to default.

[L8] Confirm

With this function you confirm the accuracy of your selection, settings and entries. The control unit applies your values and generally leads to the previous menu.

[R8] Previous

Herewith you can cancel the current operation at any time. Changes which have been made will not be applied and the previous menu will be shown again.

Used input examples

The user names, paths etc. displayed in the figures, are exemplary only and they have to be adjusted to your own personal needs at the respective locations.

Listings

Displayed Listings in the screen images will be created automatically and therefore they may vary from listings displayed on your T8-/T8-2-control unit.

2. T8-/T8-2 Network

2.1 Load design from remote client

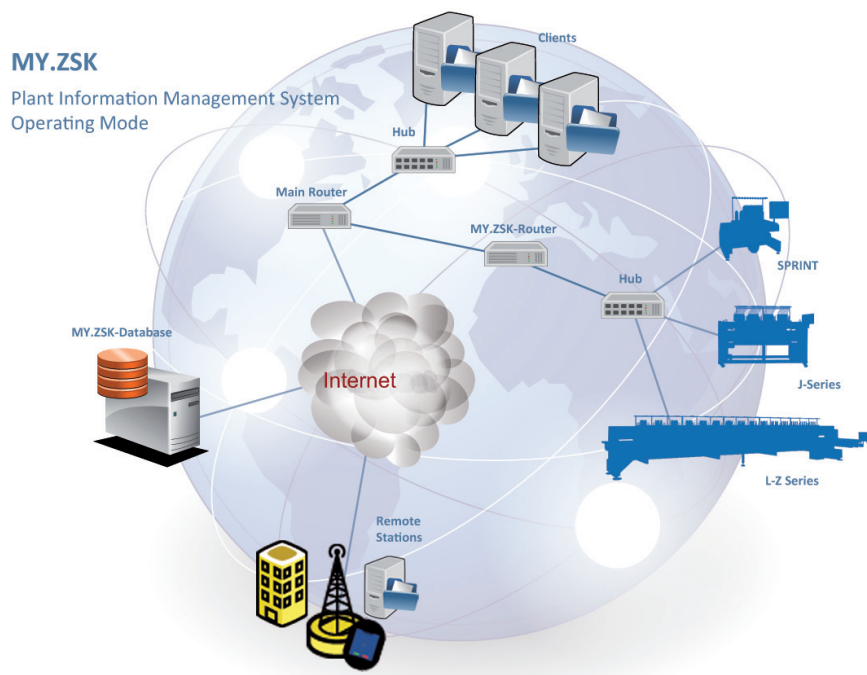
When using a MY.ZSK system in conjunction with a MY.ZSK router, a ZSK embroidery machine with T8-/T8-2-control unit in a local network, a connection to another network can be established with a shared folder via a parallel connection. In this process the MY.ZSK router acts as a bypass allowing the requested connection through.

This way from this remote client which is not connected to the local network for example an embroidery pattern can be loaded directly or via a barcode reader in the machine .

Requirements:

- ◆ Local network with router and connection to the Internet.
- ◆ Networked ZSK embroidery machine with T8-/T8-2 control unit.
- ◆ MY.ZSK system with MY.ZSK router in the local network.
- ◆ Access to a remote domain or a remote client.

Figure: 1.2:
Functional layout



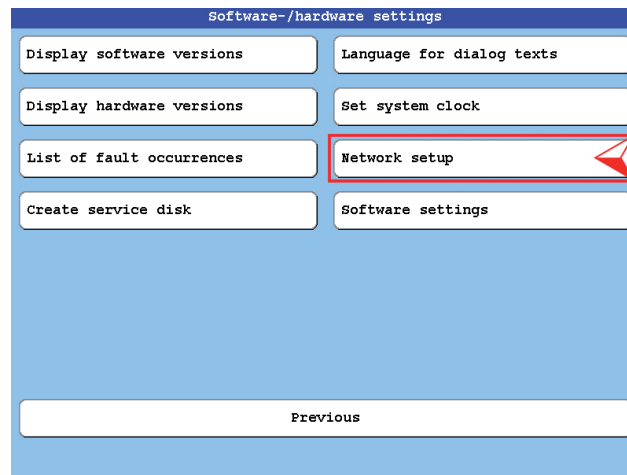
2.2 IP Address of T8-/T8-2 control in local network

In a network, the IP addresses of the connected individual devices are usually generated and managed automatically by a DHCP server in the router of the network. In some cases it is required to assign a static IP address to the connected devices. This then needs to be set manually in the control software of the device. In the router, this address is then applied to the connected device and reserved.

2.2.1 Assign IP address automatically (DHCP)

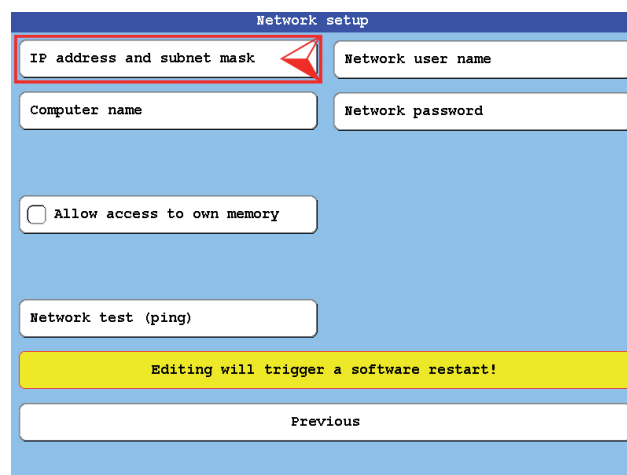
- [L7] Software- /hardware settings

Figure: 1.3:
Dialogue:
Software-/hardware set-
tings



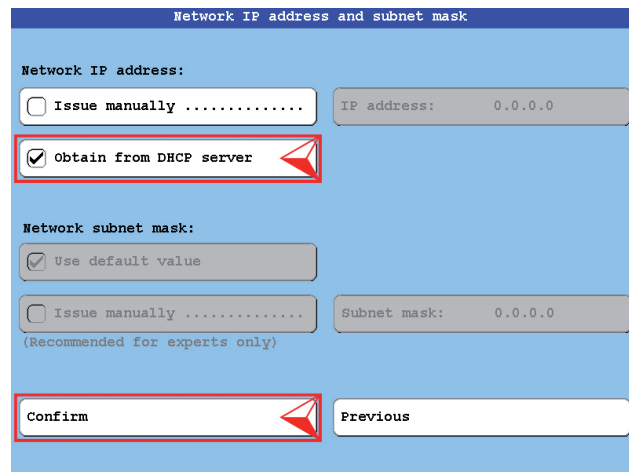
- [R3] Network setup

Figure: 1.4:
Dialogue:
Network setup



- [R1] IP-Address and subnet mask

Figure: 1.5:
Dialogue:
Network IP Address and
subnet mask



Network IP address and subnet mask

Network IP address:

☐ Issue manually IP address: 0.0.0.0

☒ Obtain from DHCP server

Network subnet mask:

☒ Use default value

☐ Issue manually Subnet mask: 0.0.0.0
(Recommended for experts only)

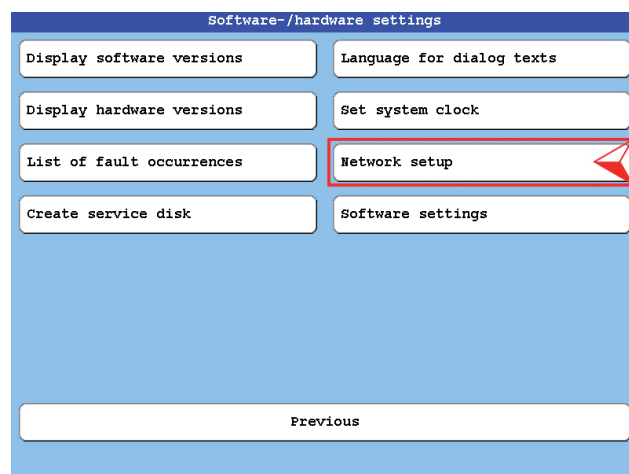
Confirm Previous

- Press **[L3] Obtain from DHCP Server**, to activate the reception of an IP address from the DHCP server of the router.
- **[L8] Confirm**

2.2.2 Assign static IP address

- **[L7] Software- /Hardware settings**

Figure: 1.6:
Dialogue:
Software-/Hardware set-
tings



Software-/hardware settings

Display software versions Language for dialog texts

Display hardware versions Set system clock

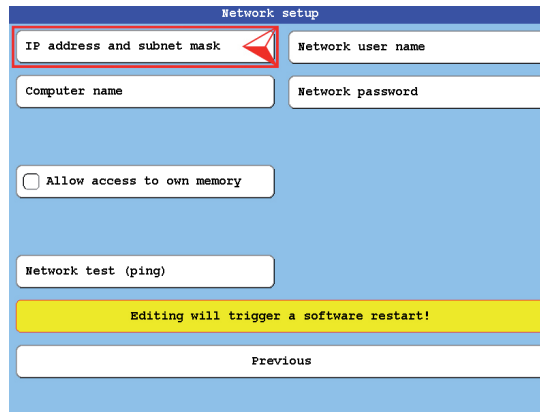
List of fault occurrences **Network setup**

Create service disk Software settings

Previous

- **[R3] Network setup**

Figure: 1.7:
Dialogue:
Network setup

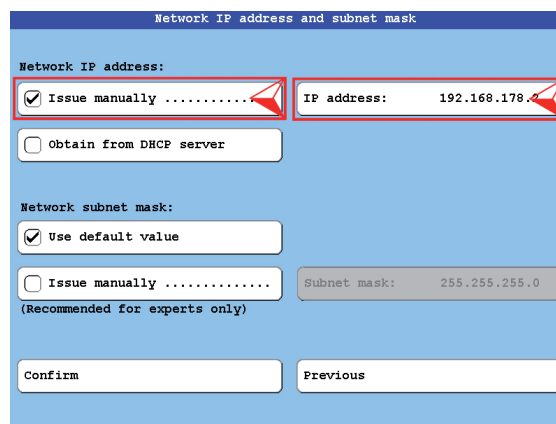


The 'Network setup' dialog box contains the following elements:

- IP address and subnet mask:** A text input field with a red arrow icon pointing to it.
- Network user name:** A text input field.
- Computer name:** A text input field.
- Network password:** A text input field.
- Allow access to own memory:** A checkbox.
- Network test (ping):** A button.
- Editing will trigger a software restart!** A yellow warning banner.
- Previous:** A button at the bottom.

- **[L1] IP Address and subnet mask**

Figure: 1.8:
Dialogue:
Netzwerk IP address and
subnet mask

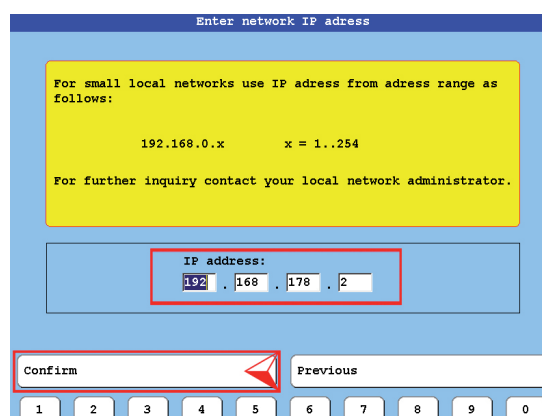


The 'Network IP address and subnet mask' dialog box contains the following elements:

- Network IP address:**
 - ☒ **Issue manually** (highlighted with a red box and arrow)
 - ☐ **Obtain from DHCP server**
- IP address:** A text input field containing '192.168.178.' (highlighted with a red box and arrow).
- Network subnet mask:**
 - ☒ **Use default value**
 - ☐ **Issue manually** (with subtext '(Recommended for experts only)')
- Subnet mask:** A text input field containing '255.255.255.0'.
- Confirm:** A button.
- Previous:** A button.

- Press **[L2] Issue manually...** to activate the function.
- **[R3] IP address**

Figure: 1.9:
Dialogue:
Enter Network IP address



The 'Enter network IP address' dialog box contains the following elements:

- For small local networks use IP address from address range as follows:**
 - 192.168.0.x x = 1..254
- For further inquiry contact your local network administrator.**
- IP address:** A text input field with a red box around it, containing '192 . 168 . 178 . 2'.
- Confirm:** A button with a red arrow icon pointing to it.
- Previous:** A button.
- Navigation buttons:** A row of buttons labeled 1 through 0.

- Enter the static IP address for the control unit.
- [TAB]** = Change to the next input field.
- **[L8] Confirm**

2.3 Establish path to the remote domain or client

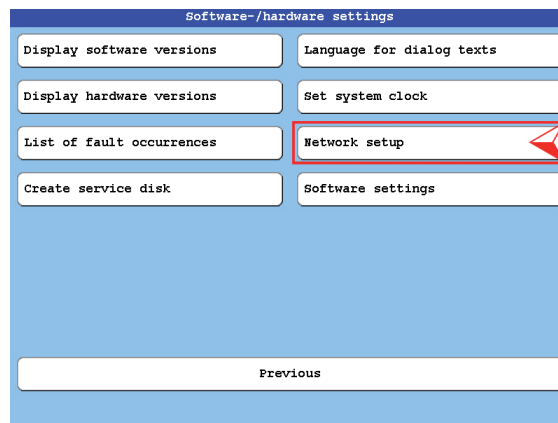
The T8-/T8-2 control unit can be connected to a remote domain, or a remotely located client over the Internet. In this way, the access to any embroidery pattern pool is possible. In order to establish the connection please follow the instructions here:

2.3.1 Client authentication / Login

When accessing remote clients, servers or domains, a registration (authentication) is required in the network to be accessed. In order to obtain the login data (username / password) for these networks, please contact the responsible network administrator. Enter the login information in your control panel :

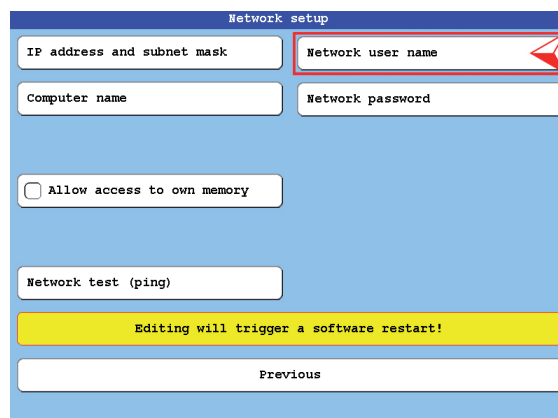
- **[L7] Software-/hardware settings**

Figure: 1.10:
Dialogue:
Software-/hardware settings



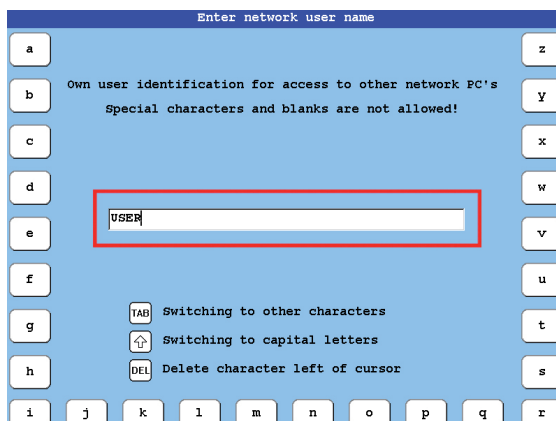
- **[R3] Network setup**

Figure: 1.11:
Dialogue:
Network setup



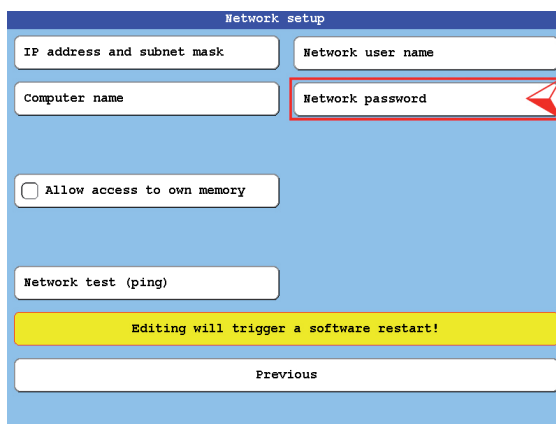
- **[R1] Network user name**

Figure: 1.12:
Dialogue:
Enter network user name



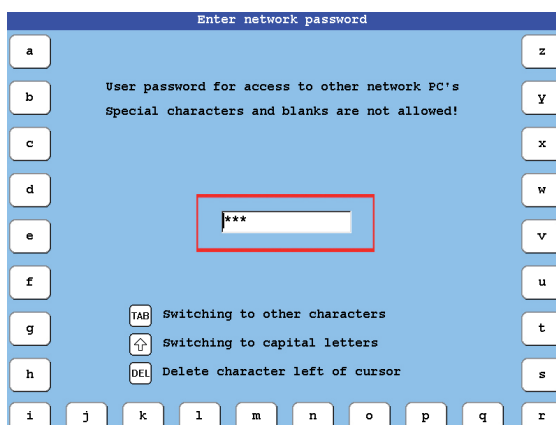
- Enter the login name for the remote network or remote client.
- Press **[OK]**, in order to confirm the entry.

Figure: 1.13:
Dialogue:
Network setup



- **[R2] Network password**

Figure: 1.14:
Dialogue:
Enter network password



- Enter the password for the remote network or remote client.
- Press **[OK]**, in order to confirm the entry.

2.4 Establish network connection

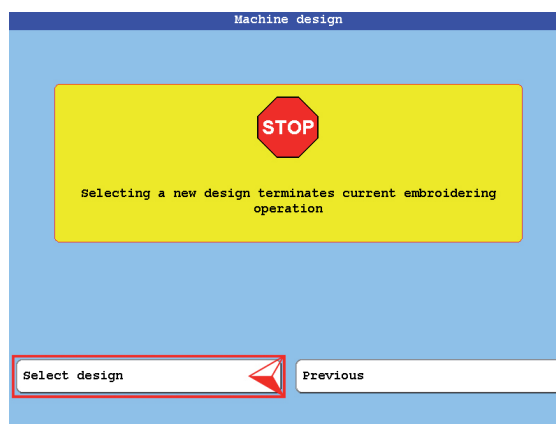
NOTICE

In order to establish the connection to the remote network / client, registration is required. Therefore please login before establishing the connection (see: *Client authentication / Login*).

- [R1] Select machine design
- [U5] Select design from network

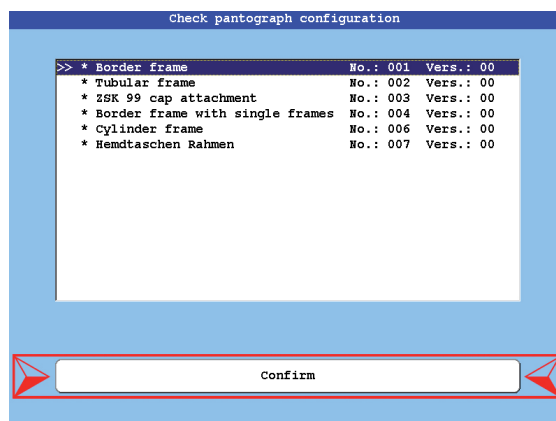
In case there is still an active design in the machine, the following message will be displayed:

Figure: 1.15:
Signal:
Machine design



- [L8] Select design
 - ⇒ The active design will be closed.
 - ⇒ The dialog *Check pantograph configuration* will be displayed.

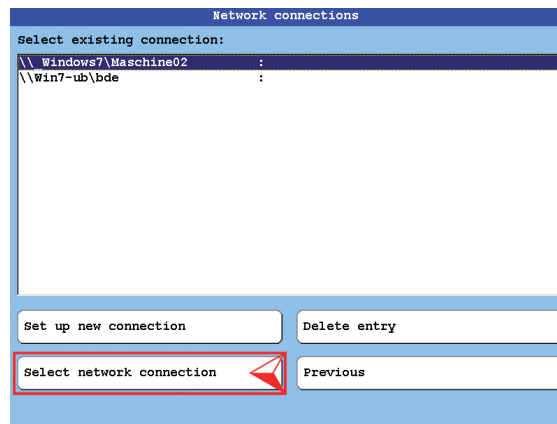
Figure: 1.16:
Dialogue:
Check pantograph con-
figuration



- Select an appropriate pantograph setting from the list.
- [L8/R8] Confirm

- ⇒ The dialog *Network connections* will be displayed. This contains a list of existing network connections.

Figure: 1.17:
Dialogue:
Network connections



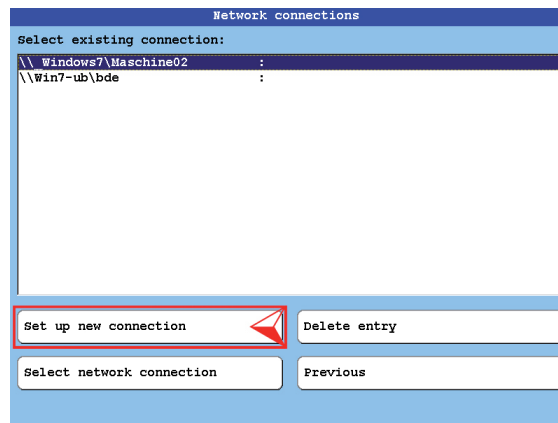
HINWEIS

At the first request the register is empty. New connections have to be established (see: *Set up new network connections*).

- Select an existing connection from the registry by using the cursor keys.
- **[L8] Select network connection**
 - ⇒ The network connection is established and the control unit is connected to the desired design pool.

2.5 Set up new connection

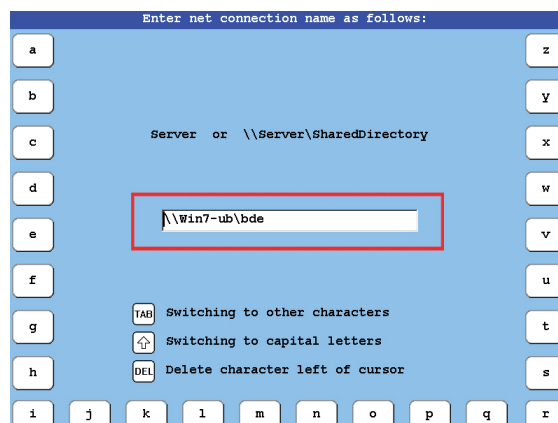
Figure: 1.18:
Dialogue:
Network connections



- [L8] Set up new connection

⇒ The dialog *Enter net connection name as follows* will be displayed .

Figure: 1.19:
Dialogue:
Enter net connection name
as follows



- Enter here the required path or the address to the remote network / client / shared folder.

Example:

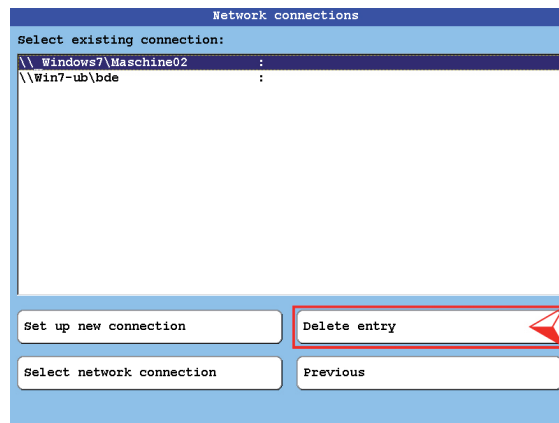
Win7-ub = Computer- respectively Server name
bde = Shared folder

- Confirm with [OK], the path or address entry.

⇒ The connection is checked and the settings are applied.

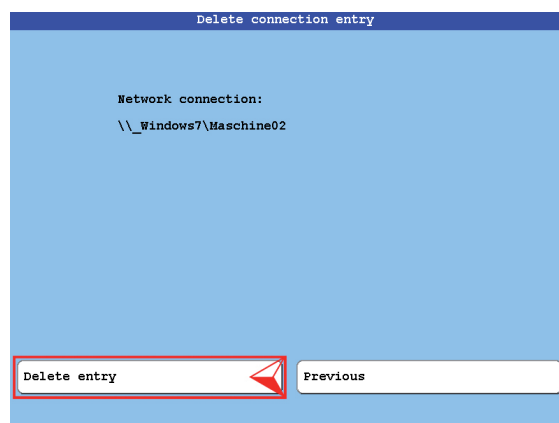
2.6 Delete network connection

Figure: 1.20:
Dialogue:
Network connections



- Select in the dialog *Network connections* the entry to be deleted in the collection.
- **[R7] Delete entry**

Figure: 1.21:
Dialogue:
Delete connection entry



- **[L8] Delete entry** to confirm the deletion of the connection.

3. MY.ZSK-Management System

3.1 MY.ZSK Setup

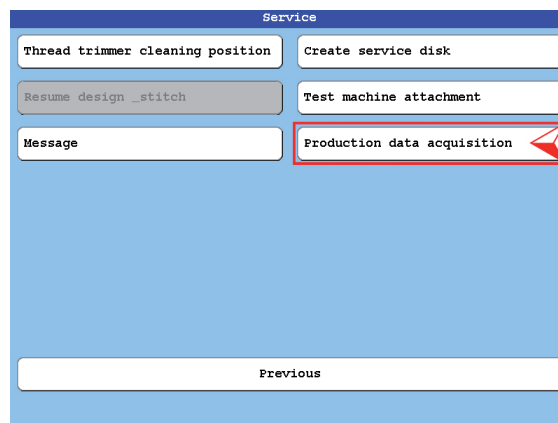
The Informations Management System MY.ZSK captured and organized operating datas. The operating datas will always current and clearly arranged, online analyzed and utilized.

An available MY.ZSK System can now connected to the machine.

3.1.1 Connect machine to MY.ZSK-Database

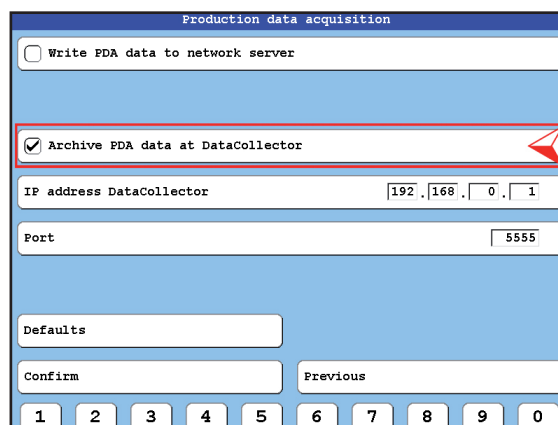
- [L3] Service

Figure: 1.22:
Dialogue:
Service



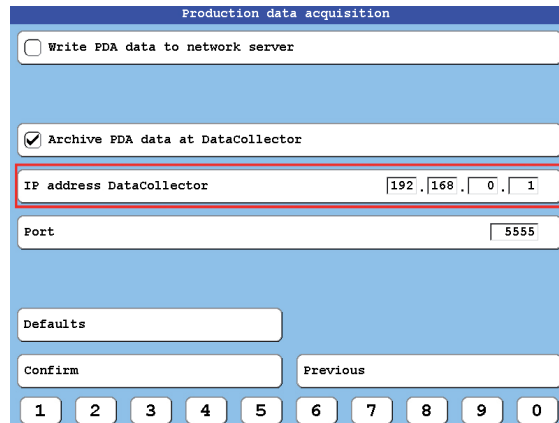
- [R3] Production data acquisition

Figure: 1.23:
Dialogue:
Production data
acquisition



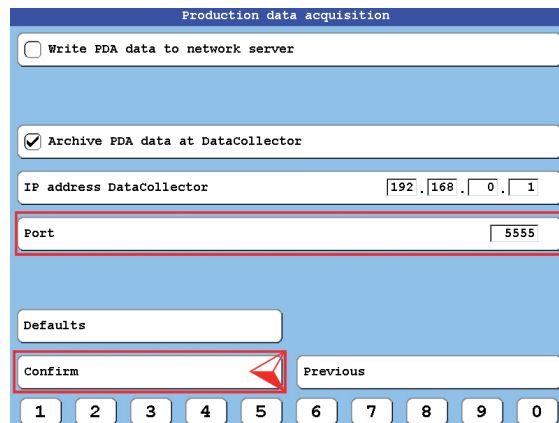
- Press [L3/R3] **Archive PDA data at DataCollector** to activate the function.

Figure: 1.24:
Dialogue:
Production data
acquisition



- **[L4/R4] IP Address DataCollector**
- Enter the router IP address which was supplied together with the MY.ZSK router.

Figure: 1.25:
Dialogue:
Production data
acquisition



- **[L5/R5] Port**
- Enter the port number which was supplied together with the MY.ZSK router.
- **[L8] Confirm**
 - ⇒ After entering the data connection, you can access the data center over the Internet.



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