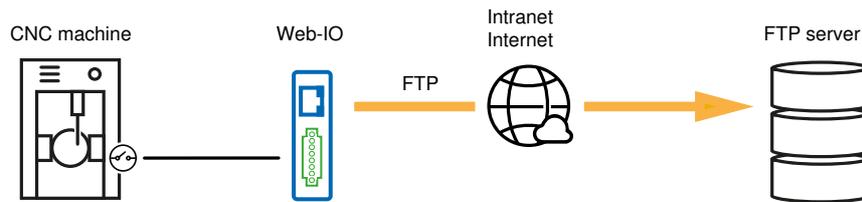


Application for the Web-IO Digital:

## Collect process data using the Web-IO Digital

Solid pre-planning of material requirements and workload increasingly require that process and operating data be collected and evaluated in chronological context.

But what do you do when the existing machinery and plant technology itself do not provide for this?



Most machines use potential-free contacts to signal operating status - the W&T Web-IO Digital products can monitor these contacts and write the switching states via FTP to a file including a time stamp.

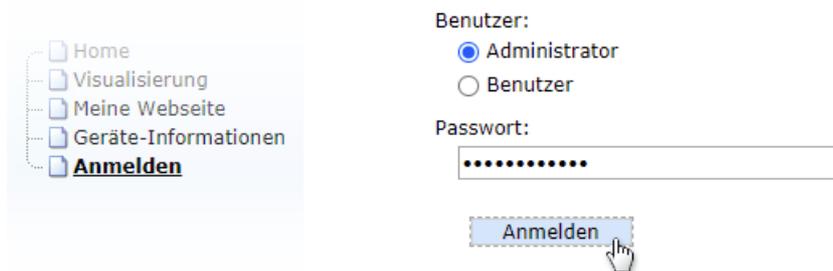
### Preparations

- Provide power to the Web-IO and connect the IOs
- Connect the Web-IO to the network
- Assign IP addresses

### Configure Web-IO for FTP and create actions for writing to file

For the browser to have access, the Web-IO must already have an IP address.

- To change the configuration of the Web-IO you first need to obtain the necessary access rights by entering the administrator password.



- First check whether all the IP parameters are correctly configured. Especially when the FTP server is addressed using a host name it is important that both the gateway and the DNS server are entered. To do this, in the menu tree select *Basic settings >> Network* and there *Basic network settings*.

Basic network settings		↑
TCP/IP settings:	<b>IP-Address assignment:</b> <input type="text" value="static"/>	i
	<b>IP address:</b> <input type="text" value="192.168.0.25"/>	i
	<b>Subnet mask:</b> <input type="text" value="255.255.255.0"/>	
	<b>Gateway:</b> <input type="text" value="192.168.0.1"/>	
DNS settings:	<b>DNS server 1:</b> <input type="text" value="192.168.0.1"/>	i
	<b>DNS server 2:</b> <input type="text" value="8.8.8.8"/>	Q

- All the configuration changes must be confirmed using the *Apply* button.
- To configure FTP access to to the menu tree and select *Communication channels >> FTP*.

FTP basic settings		↑
FTP client:	<input checked="" type="checkbox"/> active	i
	<b>User:</b> <input type="text" value="WebIO25"/>	
	<b>Password:</b> <input type="text" value="*****"/>	
	<b>Account:</b> <input type="text"/>	
	<b>FTP server:</b> <input type="text" value="ftp.companyxy.com"/>	Q
	<b>FTP server port:</b> <input type="text" value="21"/>	
	<b>Passiv mode:</b> <input type="checkbox"/> active	
FTP messages:	New FTP messages can be added using the menu item "Actions".	i



- Enter the access data for the FTP server.
- In the menu tree click on *Actions* and then on the *Add* button.

settings <span style="float: right;">▲</span>	
Action:	<input checked="" type="checkbox"/> active <span style="float: right;">i</span>
Action name:	FTP Logging <span style="float: right;">i</span>
Trigger:	Input <span style="float: right;">i</span>
	Input: <span style="float: right;">i</span>
	Input 0 <span style="float: right;">v</span>
	when changing to:
	<input type="radio"/> OFF <input checked="" type="radio"/> ON <input type="radio"/> OFF or ON
Action:	FTP message <span style="float: right;">v</span> <span style="float: right;">i</span>
	FTP local data port: <span style="float: right;">i</span>
	AUTO
	FTP file name:
	CNC25.log
	FTP text:
	<t> - Process started <span style="float: right;">v</span>
	Clear message - FTP text:
	<t> - Process stoped <span style="float: right;">v</span>
	Options:
	<input checked="" type="radio"/> STORE
	<input type="radio"/> APPEND
	while trigger is present: <span style="float: right;">i</span>
	<input checked="" type="radio"/> Send FTP message once
	<input type="radio"/> send FTP message cyclically

✔
Apply
Cancel

- Assign a meaningful name for your action and select the *trigger* for writing using FTP.
- As the *action* select *FTP Message* and configure *FTP file name* and *FTP text* (if needed also for the *Clear message*. In the *FTP text* move the cursor to the end of the line by pressing the Enter key. Now each entry in the file will be in its own line. The <t> tag is replaced with date and time when writing to the file.

Once these steps are completed, any changes in the connected switching states are collected in one or more files chronologically.

#### **You don't have a Web-IO yet but would like to try the example out sometime?**

No problem: We will be glad to send you a unit at no charge for 30 days. Simply fill out the sample order form and we will ship the Web-IO on open invoice for testing. If you return the device within 30 days, we will cancel the invoice.

[To the Web-IOs](#)

#### **Are you still uncertain which Web-IO is best for your needs?**

Our qualified team of engineers will be glad to assist you.

You can reach us by telephone at +49 202/2680-110 or by email at [info@wut.de](mailto:info@wut.de).



We are available to you in person:

Wiesemann & Theis GmbH  
 Porschestra. 12  
 42279 Wuppertal  
 Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5 p.m.)  
 Fax: +49 202/2680-265  
[info@wut.de](mailto:info@wut.de)

© Wiesemann & Theis GmbH, subject to mistakes and changes: Since we can make mistakes, none of our statements should be applied without verification. Please let us know of any errors or misunderstandings you find so that we can become aware of and eliminate them.

[Data Privacy](#)