

**Weidmüller** 

## u-link Remote Access Service

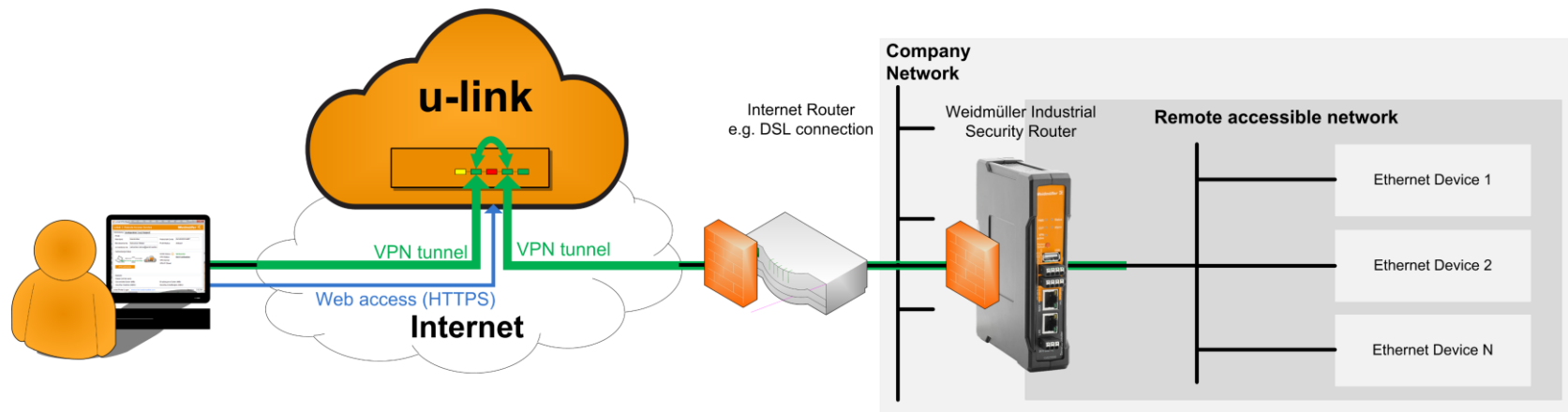
Introduction and Overview

February 2019



## This is u-link

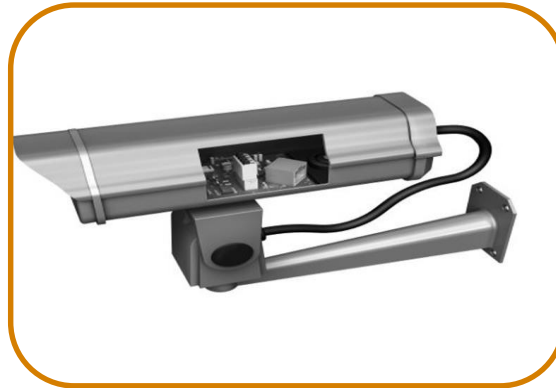
- Service for secure access to distant networks via Internet with:
  - a web-based application at [www.u-link.weidmueller.com](http://www.u-link.weidmueller.com)
  - A secure, redundant u-link meeting-point-server
  - Using exclusively outgoing connections on Port 443 and x509 certificate-based authentication (2048 bit key)
  - An own database and server instance for every customer
- For remote maintenance, remote setup or remote optimization of machines and plants
- Using Ethernet or cellular connection



## Application examples for remote access



Remote access your PLCs web-interface or change configuration via the engineering tool

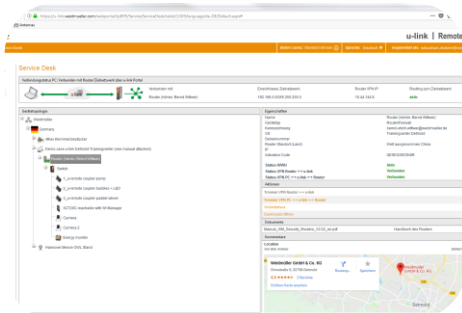


Transmit pictures of IP cameras during service intervals



Configure your automation products

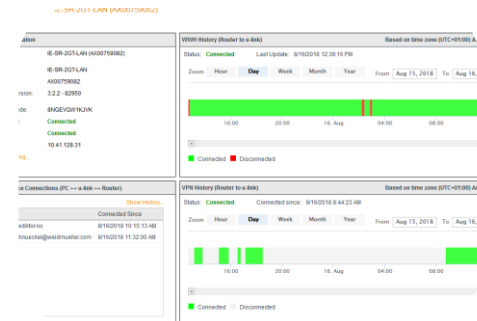
# Your advantages



Intuitive operation and independent account administration



Integrity thanks to an exclusive server and database instance per account



Clear dashboard for troubleshooting



Remote initialization of VPN-tunnel from service PC



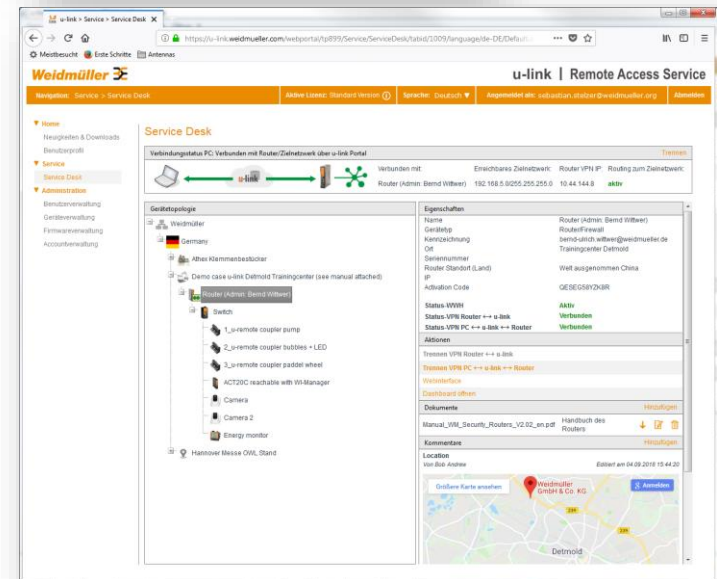
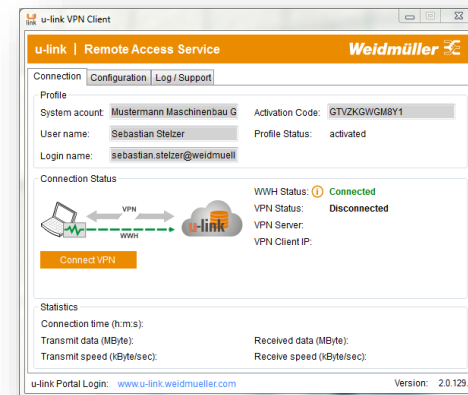
Total transparency thanks to logging of connections



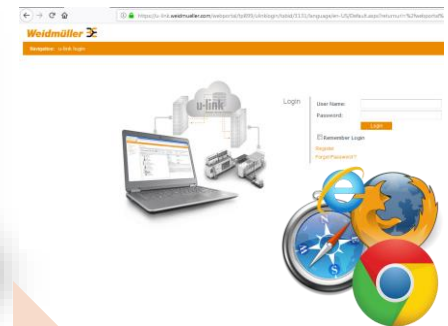
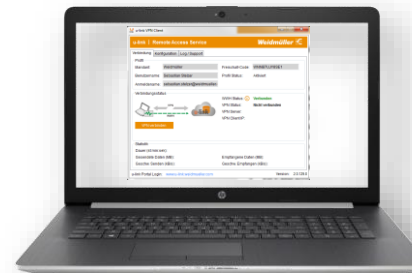
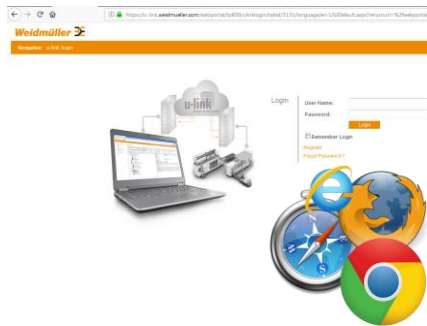
Security according to recommendation of German Federal Office for Information Security

## u-link consists of 3 parts

- u-link VPN Client
  - Installed at the Service PC
  - Adds a network TAP adapter
- u-link Portal [www.u-link.weidmueller.com](http://www.u-link.weidmueller.com)
  - Administration of devices, users and the account
  - Establish VPN connections
  - Rights-management
  - Remote firmware update
  - News and Downloads
- Weidmüller Industrial Security Router
  - Secures the local network
  - Endpoint of VPN connection



# Starting with u-link in 4 steps



Free registration

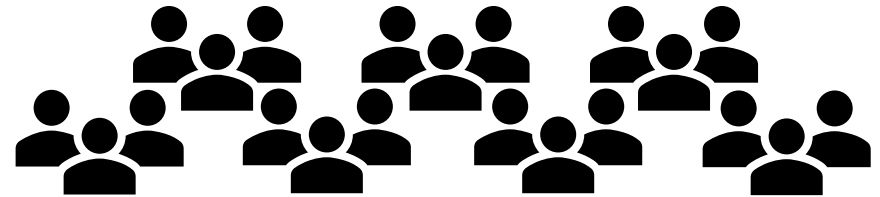
Configuration of  
the Router

Installation of the  
free u-link Clients

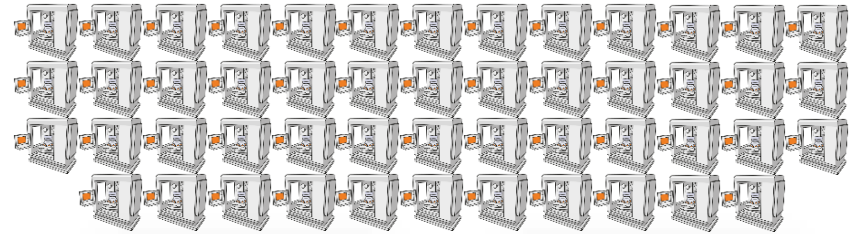
Connect and  
remote access

## u-link offers a free-of-charge Entry-Version

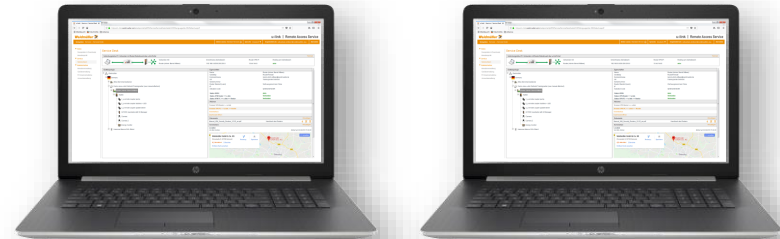
**Unlimited amount of users in one account**



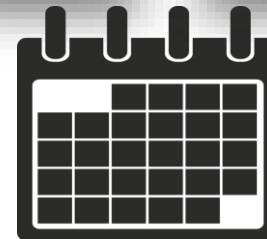
**Up to 50 devices**



**Up to 2 simultaneous connections**



**Useable for unlimited time**



# u-link Standard Versionen offers enhanced functionalities

3 simultaneous connections  
- extendable



Remote Firmware  
Update



User and rights management

Password policy

IP, port and protocol filter

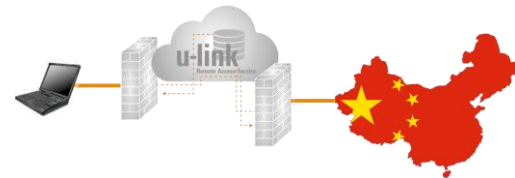
Exclusive access mode



50, 150, 300, 500 or more devices



Remote Access to VR China



Higher speed and bigger  
data volume



Topological hierarchy and  
creation of templates





## u-link offers

- simple and clear remote access
- high security
- free entry
- high functionality
- Powerful Security Router



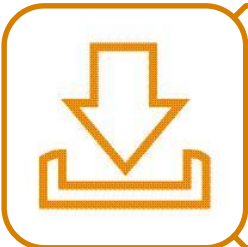
## Further information



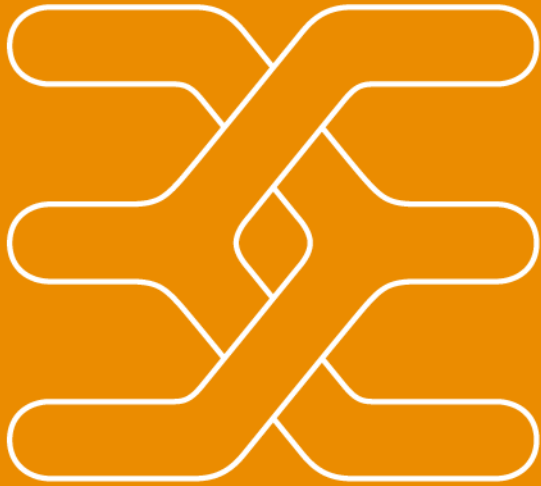
Contact our Weidmüller sales or representatives



Find u-link in Weidmüller Online Catalogue  
Industrial Ethernet – Active → u-link Licenses



Get information at the website and downloads  
Documents: „Setup u-link“ and „Technical User Guide“



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Let's connect