Access SIEMENS Simotion and Sinamics

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eWON is not able to manage directly access to Simotion and Sinamics devices on MPI/Profibus via TCP (VPN). However it is possible to teleservice such devices via eWON with their software (Scout, Starter).

1. Using a CPU 300 PN/DP.

Step7 reaches the PLC via ethernet (TCP/IP Auto). Remember to set the default gateway (With Router) of the ethernet port as eWON LAN IP address.

Scout or Starter reach SIMOTION or SINAMIC devices on Profibus because the CPU is doing the routing from TCP to MPI/Profibus (till 12Mb speed).

WinCC Flexible reaches the touch panel via ethernet. Remember to set the default gateway of the panel/PC as eWON LAN IP address.

Teleservice is possible with any remote connection (GPRS/Edge, UMTS, LAN, etc).
2. Using a CPU 300 2DP + CP343 (ethernet)

Similar to the previous point, but the CPU has no embedded ethernet port. Using an additional CP343, the CPU gain an ethernet port which can be used also for routing traffic from TCP to MPI/Profibus.

Step7 reaches the PLC via ethernet (TCP/IP Auto). Remember to set the default gateway (With Router) of the ethernet port as eWON LAN IP address.

Scout or Starter reach SIMOTION or SINAMIC devices on Profibus because the CPU is doing the routing from TCP to MPI/Profibus (till 12Mb speed).

WinCC Flexible reaches the touch panel via ethernet. Remember to set the default gateway of the panel/PC as eWON LAN IP address.

Teleservice is possible with any remote connection (GPRS/Edge, UMTS, LAN, etc).
3. Simotion or Sinamics have ethernet ports

Many of versions of Simotion or Sinamics devices can have ethernet ports onboard. Either for just configuration (and then teleservice) or for Profinet fieldbus.

If the architecture is all based on Profinet (ethernet) it is possible to teleservice everything via TCP. Just remember to set the default gateway (router) of these devices to eWON LAN IP address.

In case the ethernet port is only used for configuration, then Profibus fieldbus can be used for process (e.g. at 12Mb). See the picture

Step7, Scout, Starter and WinCC can use TCP to teleservice the devices.

![Diagram showing Simotion and Sinamics with ethernet and Profibus connections]
Revision Information

Revision

Revision History

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