



You want to make old and existing systems network-compatible?

Simply plug in the network connection – effortlessly and without converting the control system!

In many producing companies, digitalization is encountering existing systems that are ten or more years old. With pluggable communications gateways from Helmholtz, their incorporation into Ethernet networks and digital environments is easily and securely possible without intervention in the control system program.

The “Internet of things” promises completely new possibilities for industrial production. These current requirements of advancing digitalization face old, existing systems without network access in many producing industrial companies. The increasing merging of various automation components into integral complete systems in Industry 4.0 environments thus more than ever requires a connection between the Ethernet network and existing, “old” PLCs.

NETL ink® gateways make your existing systems network-compatible. Helmholtz had already developed an efficient, compact, and user-friendly answer to this challenge many years ago with its PROFIBUS Ethernet gateway. MPI/PPI/PROFIBUS devices can be connected with Ethernet networks very easily via NETL ink®. RFC 1006 is another supported protocol. On the control system side, the modules enable the full transmission speed of 12 Mbps via MPI or PROFIBUS.

The NETL ink® PRO Compact

- Simple plug-in to the CPU
- Without program change
- No conversion of the control system
- Direct integration into engineering tools



The current NETL ink® PRO Compact is especially suited for retrofits in existing systems and production lines. It is plugged directly into the port of the PROFIBUS/MPI participant and thus requires no additional space in the control cabinet. The NETL ink® receives the operating voltage through the active PROFIBUS device. In the case of passive participants in the network, the Ethernet gateway can be supplied with 24 V externally.

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