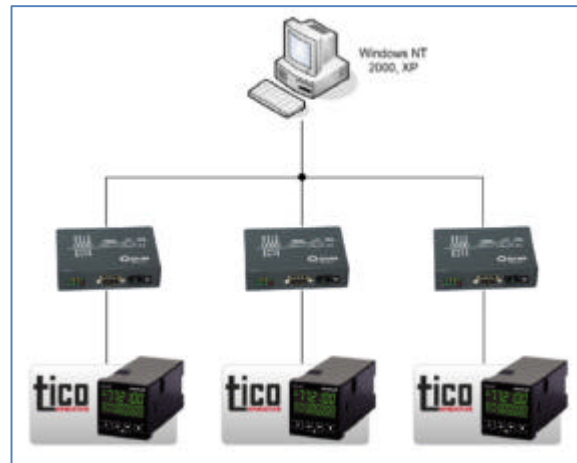# Tico 774 and Ethernet Interface

The RS232 to Ethernet interface converter ipEther232 from ipcas GmbH enables the simple integration of Tico 774 into Ethernet networks via Virtual COM port (i.e. COM5).

The interface converter ipEther232 can be integrated easily into PC networks, and by connecting Tico 774 to the network, it allows users to access it via computer workplaces or clients. (s. Pic. 1).

Pic. 1: Tico 774 connected to a PC over Ethernet

The interface converter provides integrated password protection for the safe transmission of sensitive data. This protects your sensitive data from manipulation or unauthorized access.

The interface converter is installed under MS Windows via virtual COM port. The virtual COM port drivers provide one virtual COM port per interface converter. During the configuration, each serial to Ethernet converter is assigned its own IP address, and can then be used as a normal serial connection. This enables standard software programs to continue communicating with RS232 devices. The serial to Ethernet converter (interface converter) is also suitable for large-scale technical installations, since it allows you to integrate up to 254 devices into the network via virtual COM port.

On the other hand ipEther232.Modem (also supplied by ipcas GmbH) can be specially used for operating system-independent solutions.

Further information on ipEther232 can be found here:
http://www.ipcas.com/products/serial-ethernet.html

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