Ver.

Docklight Application Note: TCP Monitoring

1 Monitoring a single client/server TCP connection

Many products in industry automation that were equipped with RS232 or RS422/485 interfaces, are nowadays accessible through an Ethernet connector and TCP/IP protocol. One common approach for adding network connectivity to a product is to equip it with an embedded Serial Device Server. It acts as a TCP server on the Ethernet side, and translates incoming TCP data to serial data and vice versa.

In contrast to web and multimedia applications with high demands on bandwidth, the data rates for such "ex RS232" serial connections remains low. Client applications will also just open one single connection to one specific TCP port number, instead of establishing multiple connections at the same time.

