
Subject: deterministic communication protocols in control systems

Posted by [Brand](#) on Mon, 28 Nov 2005 07:55:16 GMT

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Hello,
here are two links concerning deterministic communication in control systems.

IEEE 1588,
Standard for a Precision Clock Synchronization Protocol for Networked Measurement and
Control Systems, <http://ieee1588.nist.gov/>
EtherCAT,
Ethernet for Control Automation Technology, <http://www.ethercat.org/>

I am sure there are more realtime enabled communication protocols on the market. Feel free to
add more and to discuss pros and cons.

Regards Holger

Subject: IEEE 1588 & LabVIEW 8 Realtime Module

Posted by [Brand](#) on Mon, 28 Nov 2005 10:30:31 GMT

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Hello,
this is a link to a NI page concerning IEEE 1588 and LabVIEW 8 Realtime Module:

Using Time-Triggered Networks to Communicate Deterministically Over Ethernet with the
LabVIEW 8 Real-Time Module,
<http://zone.ni.com/devzone/conceptd.nsf/webmain/EDF87E5F1D7BAA898625706E007A67C7>

Regards Holger
