

---

Subject: deterministic communication protocols in control systems

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

---