

Real-Time Ethernet in Industry

Nr.	Name	Organization / Main Manufacturer
1	EtherCAT	ETG / Beckhoff
2	Ethernet/IP mit CIP Sync	ODVA / Rockwell Automation
3	ETHERNET Powerlink (EPL)	EPG / B&R
4	Precision Time Protocol (IEEE 1588)	IEEE / -
5	PROFINET	PNO / SIEMENS
6	RTPS	Modbus-IDA / Schneider Electric
7	SERCOS-III	IGS / -
8	SynqNet *	SynqNet User Group / Motion Engineering Inc. (MEI), USA
9	JetSync	- / Jetter, Germany
10	PowerDNA	- / United Electronic Systems (UEI), USA
11	SynUTC	- / Oregano Systems, Austria
12	Switch mit Zeit-Server	- / Ontime Networks, Norway
13	RTnet (Open Source)	- / Real-Time Systems Group of University Hannover, Germany
14	Vnet/IP	- / Yokogawa, Japan
15	TCnet	- / Toshiba, Japan
16	EPA	- / ZHEJIANG SUPCON INSTRUMENT, China
17	SafetyNET p	Safety Network International / Pilz , Germany
18	VARAN *	VNO / Sigmatek , Austria
19	DART-EC	- / ETAS , Germany
20	RTEX *	- / Panasonic
21	Mechatrolink III *	Mechatrolink Members Association / Yaskawa Electric, Japan
22	HSCI *	- / HEIDENHAIN, Germany
23	RAPIEnet	- / Hanyang University, Korea
24	AFDX	- / ARINC, USA
25	TTEthernet	- / TTTech, Austria
26	CC-Link IE	CLPA / Mitsubishi
27	DRIVE-CLiQ *	- / Siemens

* only Physical Layer based on Ethernet