

EDS EtherNet/IP TeSys T Readme

Updated December 2019



Version Summary

The EtherNet/IP protocol was added to the TeSys T Ethernet product (LTMRxxEyy) in 2015 with the Pack-9 firmware release (FW v2.7). Prior versions exist with Modbus/TCP only.

Devices that were originally built with FW v2.6 or below can be upgraded to the latest FW versions, but cannot add the EtherNet/IP protocol.

Devices that were originally built with FW v2.7 or above can still be downgraded to v2.6 or below (which will disable EtherNet/IP) then upgraded back to the latest firmware (which will re-enable EtherNet/IP).

EDS Compatibility

The following table describes the EtherNet/IP EDS file compatibility depending on the LTMR firmware version.

LTMR Firmware Version	LTME Firmware Version	EtherNet/IP EDS 1.1.10	EtherNet/IP EDS 1.5.00	Network protocol supported
v2.6 or lower	v1.6 or lower	NA	NA	Modbus/TCP
v2.7 (Pack-9)	v1.7 or v1.8 or v1.9	Compatible	Compatible	Modbus/TCP + EtherNet IP
v2.8 (Pack-10+)	v1.7 or v1.8 or v1.9	Compatible	Compatible	Modbus/TCP + EtherNet IP

Network Compatibility

There are 2 released version of EDS file and they are both compatible with all FW versions of EtherNet/IP 2.7 and 2.8. There are no changes to object definitions or functionality, only minor updates for improved compatibility and integration into automation software, most notably integration in Rockwell Studio 5000.

Updates and Troubleshooting:

LTMR firmware version details are accessible through SoMove software with TeSys DTM, Magelis HMI, LTMCU, or through communications network reading Modbus register 76.