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## How can I get LS5 , DTSC-200 easYgen-2000/3000 controls on Modbus TCP Ethernet ? ESENET

Clemens - 2024-09-27 - LS-5

LS5, easYgen-1500/2000/3000 , DTSC-200 have CANopen Interface

ESENET Gateway P/N 8445-1044 can convert up to 8 controls from CAN to Ethernet Modbus

see app note here:

[https://wss.woodward.com/manuals/PGC/easYgen-3000XT\\_series/Application\\_Notes/37576-AN\\_ESENET.pdf](https://wss.woodward.com/manuals/PGC/easYgen-3000XT_series/Application_Notes/37576-AN_ESENET.pdf)

[Woodward Application Note - proconX CAN-ETH](#)

Extending the CAN bus length using Ethernet infrastructure

[Woodward Application Note - proconX ESENET](#)

Using proconX ESENET with Woodward controllers version 3.0

[Application Note 301](#)

TFTP Firmware upgrade

[Application Note 308](#)

Modbus register address ranges re-mapped for the Easygen using proconX gateways

[Application Note 313](#)

Remote control for the Easygen and LS-5 via Modbus

[ESENET Data sheet](#)

Two page data sheet

[ESENET Quick start](#)

Installation guide

[ESENET User manual](#)

User manual

[3D CAD Model](#)