



#THE OTHER SIDE OF **MOTION CONTROL**

MODULAR CONTROLLER **FCT641** MEET THE EVOLUTION!

**WE'RE ALWAYS EVOLVING OUR SOLUTIONS
TO MORE POWERFUL WAYS OF MOTION CONTROL.**

The FCT641 controller:

- ✓ makes the most of all the features of CODESYS
- ✓ expands connectivity for the complete control of any type of automation
- ✓ Made in Italy in CMZ



Overview



Based on **LINUX OS**, FCT641 controller is designed for installation of **CODESYS Service Packs** with access to all updates and functions released by CODESYS. LINUX OS also allows a secure file system and the management of Security certificates.

FCT641 can be supplied with following **Single Licenses** by CODESYS that can be installed at order placement:

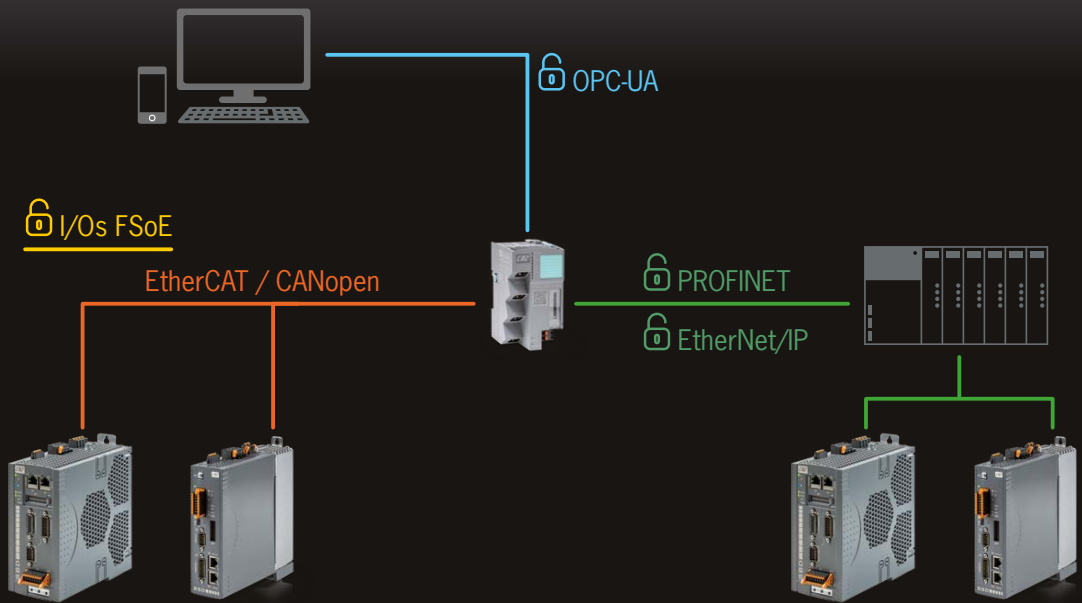
- OPC-UA
- EtherNet/IP
- PROFINET
- FSoE



Technical Features



PROCESSOR	CPU RISC dual core 64 bit 1.0 GHz three level cache
POWER SUPPLY	24V DC
MEMORY CAPABILITY	1GB Nand flash for storage 512 MB DRAM high bandwidth 64 bit 1666 MT/s 32 KB Ferromagnetic RAM (non-volatile PLC data) SD-Card
COMMUNICATION PORTS	1xRJ45 Ethernet 10/100 MBit TCP/IP (Debug) 2xRJ45 Ethernet 10/100 MBit (Fieldbus) 1xRJ45 CAN-Bus (CANopen Master)
INTEGRATED I/Os	64 modules, each with a max of 16-bit IO (1024 digital) or 8 channel analog (512 analog) Variety of modules available
FIELDBUS	EtherCAT CANopen
NETWORK CONNECTIVITY	OPC-UA Modbus TCP Communications based on UDP-TCP WEB Server PLCHandler
GENERAL FEATURES	9 LEDs RTC with CR2032 Battery Reset-Button / Restore-Button 0° / 40°C ambient temp. Fanless
SOFTWARE FEATURES	IEC61131 CODESYS CMZ motion libraries CMZ applicatives



soga energyteam

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