

Unidrive SP machine communications flexibility



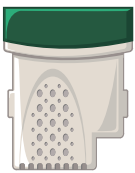
PC for programming and monitoring using CTSOft, CTSOpe, SyPT or OPC. Connect using Serial, Ethernet, USB or CNet



Fieldbus or Ethernet connection to main controller using a wide range of communications option modules

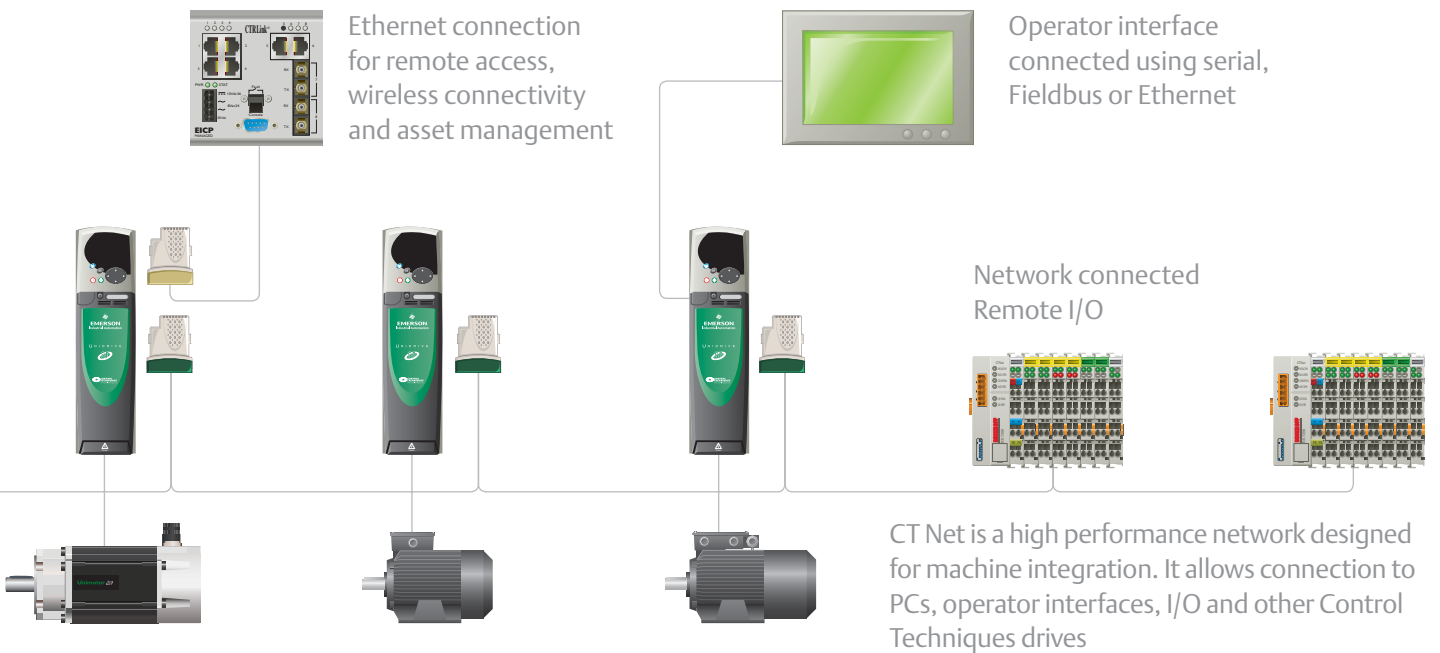


SM-Applications Plus



SM-Applications Plus offers all of the features of the SM-Applications Lite module but with additional communications and high speed I/O. SM-Applications Plus is programmed using SyPTPro system programming tool.

- Inputs/Outputs – The module has two digital inputs and two digital outputs for high-speed I/O operations such as position capture and actuator firing
- High speed serial port - The module features a serial communications port supporting standard protocols such as Modbus for connection to external devices such as operator interface panels
- Drive-to-drive communications - SM-Applications Plus option modules include a high speed drive-to-drive network called CNet, this network is optimised for intelligent drive systems offering flexible peer to peer communications. The bus has the capability to connect to remote I/O, operator panels, Mentor DC drives and PCs using an OPC server



Fieldbus Communications

Option modules for all common Industrial Ethernet, Fieldbus networks such as Ethernet/IP and Profibus and Servo networks such as SERCOS and EtherCAT are available. We continually develop new modules as new technologies emerge.

‘Black box’

SM-Applications and CNet allow machine designers to design a ‘black box’ into which customers are able to interface using their preferred Fieldbus or Ethernet interface. This solution improves the machine performance, simplifies the problem of being able to meet customer specifications for different Fieldbus communications and helps to protect your intellectual property.

	Onboard PLC	SM-Applications Lite	SM-Applications Plus
Intellectual property protection	✓	✓	✓
SyPTLite Programming	✓	✓	
SyPTPro Programming		✓	✓
Multi-tasking environment		✓	✓
Motion control capabilities		✓	✓
CNet drive-to-drive network			✓
Serial port			✓
High Speed I/O			✓