CONTROL CONTRO



UNIDRIVEM

MULTI-PROTOCOL DRIVES AC DRIVES, HIGH PERFORMANCE

NEW

DRIVE OBSESSED

UNIDRIVE M

VERSATILITY AND FLEXIBILITY GUARANTEED

Control Techniques has set the standards in motor control since 1973.

Control Techniques' philosophy has always been to support innovators, regardless of which communications protocol they use. It's for them that we've developed the most flexible high-performance drive platform on the market.

Ethernet-based control networks have taken the place of traditional serial communications fieldbuses. Supporting this shift in technology was a key element in the design of our Unidrive M platform, enabling integration across a range of popular communications protocols.



200 µs drive-to-drive synchronisation data transfer



Support for RPI as low as 2 ms



Maximum of up to 10 concurrent connections



Support for 1 ms cyclic link cycle times



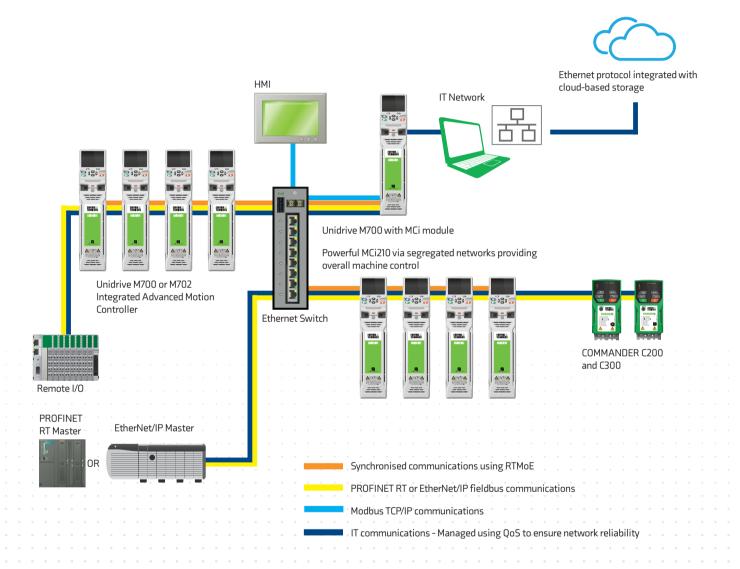
0.75 kW - 2.8 MW Heavy Duty (1.0 hp - 4,200 hp) 200 V | 400 V | 575 V | 690 V



Flexibility of Communication

The Unidrive M drives' communications interface has been upgraded to bring even more performance and extend the range of supported applications and topologies. Using only the standard on-board communications it is possible to realise a system with an HMI connected via Modbus TCP/IP, simultaneously with a high performance connection to a central PLC using EtherNet/IP or PROFINET RT.

Additionally, inter-axis synchronisation using RTMoE delivers the ability to implement complex, highly accurate electronic line-shaft applications at a fraction of the cost of solutions available on the market today.





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