



MotorNet System (MNS)®

Sercos III - Automation solution for high-end applications

Based on the Sercos III protocol, it is able to control up to 32 axes in electronic cam and up to 200 I/O in 1ms' cycle time. The system features two industrial PC, one for the HMI and the other for the process control. The computational power is suitable to perform very complex automation tasks, but it can grow with the speed of the processor without rewriting a single control code's line. It is open and flexible and can run both Smittec software packages and commercial solutions. It can feature as well commercial devices from Phoenix Contact, Wago and Bosch-Rexroth.

Devices	Up to 255 dependig on the cycle time	Cycle Time	500us, 1,2..100ms
Tasks	More than 100 simultaneously	N° Axis	Up to 48
Filed Bus	Sercos III, Modubus TCP, Ethernet/IP	Software	Smittec suite, Diagos

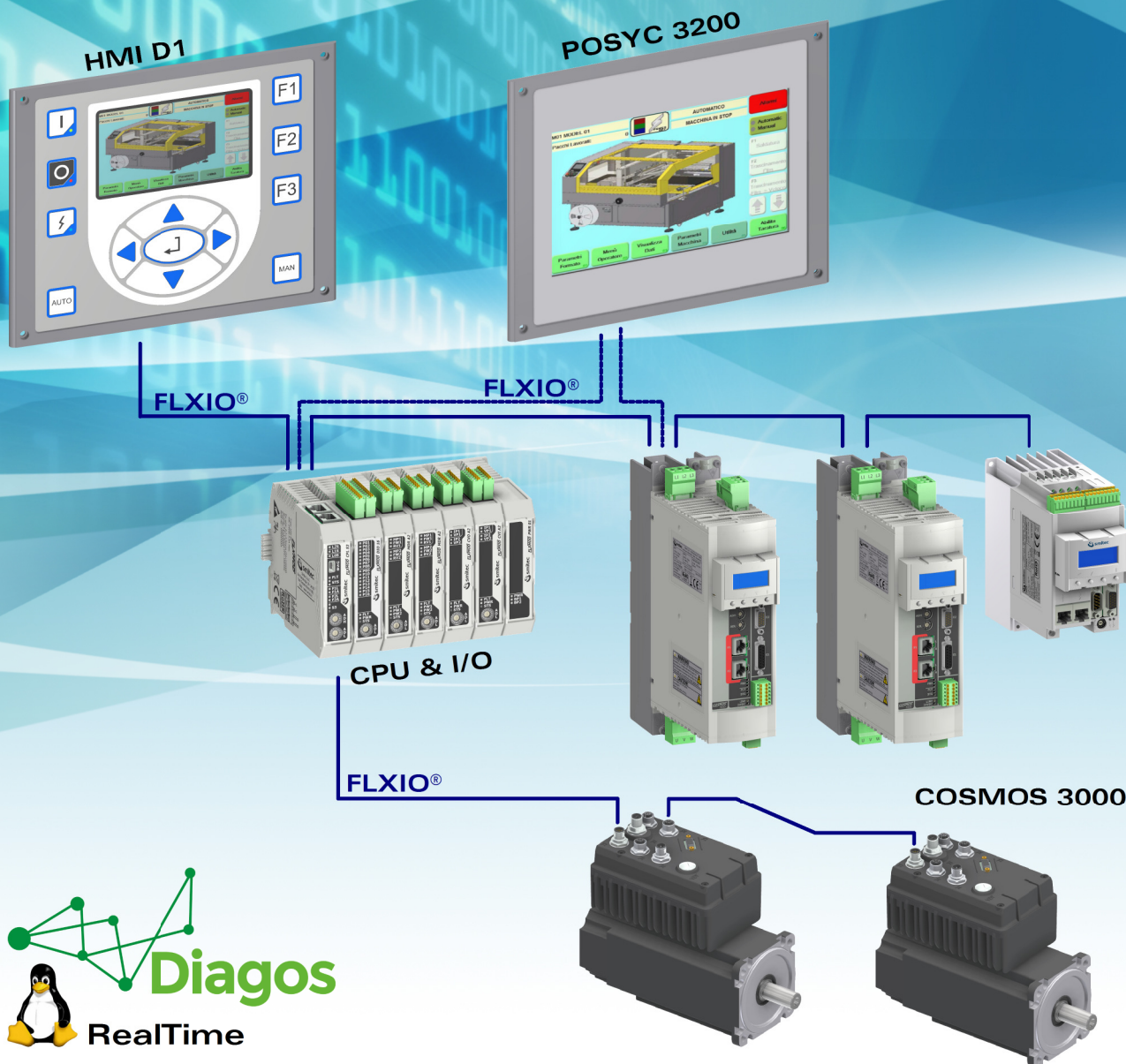


Smittec S.p.A.

Via V. Veneto, 4 - 24016 San Pellegrino Terme (BG) ITALY
Tel. +39 0345 40.111 - Fax: +39 0345 40.809 - www.smittec.it

Head office:

Via C. Ceresa, 10 - 24015 San Giovanni Bianco (BG) ITALY
C.F. e P. IVA IT03790400166



MotorNet System (MNS)®

FLXIO - Automation solution for cost-sensitive applications

It is a compact and cost-effective solution where the ethernet bus is replaced with a synchronous RS-485 and where the controller and the HMI are combined on one industrial PC. It features up to 3 FLXIO buses, each one with its cycle time, allowing to separate high-speed from low-speed devices. The system is able to control up to 8 axes in electronic cam and up to 50 I/O in 3ms' cycle time. If needed, it is possible to reach 1ms' cycle time with fewer devices. Open and flexible, it can run both Smitec software packages and commercial solutions.

Devices	Up to 45 dependig on the cycle time	Cycle Time	1,2..100ms
Tasks	Less than 50 depending on the HMI	N° Axis	Up to 8
Filed Bus	FLXIO - High-speed synchronous RS-485	Software	Smitec suite, Diagos



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