



Press Release

For immediate release

Maestro launches new digital solution making the Complex Simple.

Denver, Colorado, USA, on February, 25, 2019 at the SME Annual Conference, Maestro Digital Mine launched its latest digital solution, the Ethernet/I/O™. Maestro Digital Mine manufactures Internet of Things (IoT) measurement and control instrumentation for the optimization of underground mine ventilation and underground digital networks for last mile communication. Maestro's Ethernet/I/O™ provides both remote I/O functions as well as two full PID control loops over standard industrial Ethernet communication protocols. Ethernet/I/O™ helps to reduce or eliminate the use of complex and expensive PLCs in the underground mine environment, saving both time and money.

Michael Gibbons, Vice President Sales and Marketing, Maestro Digital Mine remarks, "Instead of purchasing an expensive programmable logic controller (PLC), rack, rugged enclosure, adding power supplies, loop isolation and wiring, the Ethernet/I/O™ is a comprehensive solution that can be rolled out and configured using a simple web interface. No additional power supply, enclosure or wiring. No more programming. No more expensive and complicated PLC solutions. No more software licencing models and renewals. Mine hardened and ready for deployment out of the box!"



Ethernet/I/O™ is currently available in two versions. One for analog and discrete devices (model AD4) and a second (model RTD12) with RTD inputs. Applications for the Ethernet/I/O™ range include: level entry monitoring of utilities such as water, compressed air, diesel fuel and paste/backfill; level entry control of compressed air shut-off valves for energy programs; level entry control of water pressure regulation; monitoring of fan/motor bearings and motor stator temperatures; monitoring of ore pass and bin levels; monitoring and control of automated doors; monitoring and control of level air regulators; gate control and monitoring; dewatering pump monitoring and control; remote fuel station level monitoring; and monitoring of shaft bottom level.

Ethernet/I/O™ supports communication over Modbus TCP/IP or EtherNet/IP™ industrial protocols making integration into both current and legacy systems simple.

Maestro has successfully deployed this solution in some of the largest global mining companies which include Rio Tinto, BHP, Vale and several small to medium sized mining operations. Maestro products are made exclusively for the underground mine automation, IT and ventilation sectors, delivering energy savings and productivity improvements while meeting the highest health and safety standards. Learn more about Maestro's digital solutions at www.maestrodigitalmine.com. **Maestro Contact:** Shannon Katary, Director of Marketing & Communications at shannon.katary@maestrodigitalmine.com **Visit booth 1914 at SME!**