

Press Release (For immediate release)

Maestro Digital Mine launches MaestroLink™ Server Software Tool - Identify and manage problems before they occur in underground mines

Sudbury, ON. Canada – October 7, 2020 Maestro Digital Mine launches their next enabling technology that monitors the health condition of all Maestro digital IIoT devices and networks – any time and anywhere. **MaestroLink™ Server** is the innovative on premise-based monitoring platform that enables control room operators and maintenance teams to monitor and manage devices via smartphone, tablet or computer in real-time.

Michael Gibbons, CEO, President and Co-founder, Maestro Digital Mine, stated that, “Maestro is known for its Industrial Internet of Things (IIoT) devices used for ventilation monitoring and controls as well as last mile digital networks for the underground mining sector. These proven solutions installed globally in 32 countries provide safety to the workers, productivity improvements to operators and significant CAPEX and OPEX savings to the project group. All of Maestro’s IIoT devices utilize embedded webservers along with digital technology right down to each individual sensor, enabling remote diagnostics for solving maintenance problems as well as assuring sensor calibration compliance.”

This software platform provides a secure multi-instance web-based interface to monitor and record the health of any **Vigilante AQS™** or **Zephyr AQS™** air quality monitoring stations, **DustMon™ PM** particulate monitor and the **Plexus PowerNet™** “last mile” underground communication network. Every Maestro digital IIoT digital device provides multi-variable data, but also a complete suite of diagnostic data.

Industry research through client engagement and experience discovered that once new hardware is installed underground, it often does not deliver on its full promise of consistent and accurate data to ultimately drive better business decisions. Part of the long-standing problem is assuring that the original data is valid, which then in turn, drives end user confidence. The requirement to properly diagnose the equipment in real-time becomes essential to keep up with operational production demands. With the addition of new digital solutions, the automation and electrical maintenance department is tasked to solve ever more complex problems with resources that have not increased in proportion to the number of sensors and systems that they are expected to support. **MaestroLink™ Server** was developed to fill the gap between the requirement of maximizing reliable and accurate operational data while reducing the impact and workload of the maintenance and support team.

Once installed, **MaestroLink™ Server** reaches out on the network to find and self populate the IIoT devices and network nodes and begins to monitor both the data and advanced diagnostics of the

devices. Consider **MaestroLink™ Server** as your factory trained Maestro engineer and service technologist, working 24-7 assuring maximum uptime of each digital device.

MaestroLink™ Server can either be a user installed software solution or a pre-configured and combined hardware and software solution. Under most conditions **MaestroLink Server** resides in the Control Room or Mine Operations Center. The real-time performance networking characteristics are less intense for industrial protocols and the equipment is in an environmentally controlled area, cabinet, or control room.

David Ballantyne, COO, CTO and Co-founder, Maestro Digital Mine, remarked, “It saves time and cost by giving miners the ability to poll the diagnostics and then turning the data into tangible actions from surface before having to go underground. The support team will go underground the first time with the proper tools, spare parts and equipment to do the maintenance once instead the industry standard requiring multiple trips.”

This diagnostic data allows **MaestroLink™ Server** to provide in-depth information regarding the IIoT device right down to the sensor level resolving current and future problems and ensuring proper sensor calibration; notification when sensors are about to expire; and finding sensors that are reading unusual or bad information.

To learn more about **MaestroLink™ Server** contact us and/or visit:

<https://www.maestrodigitalmine.com/products/maestrolink-server>

-30-

About Maestro Digital Mine

Maestro Digital Mine manufactures Industrial Internet of Things (IIoT) measurement and control instrumentation for the optimization of underground mine ventilation and underground digital networks for last mile of communication. Our products are made exclusively for the underground mine automation, IT and ventilation sectors that delivers energy savings and productivity improvements while meeting the highest health and safety standards. www.maestrodigitalmine.com

Media Contact:

Shannon Katary
Director of Marketing and Communications
Maestro Digital Mine
C: (705) 521-2261