

For Immediate Release

Astronics Launches Automated Circuit Card Diagnostic System: AutoPoint Multi-Axis Robotic System (AP-MARS)

AP-MARS simplifies test development, troubleshooting, and schematic generation in one system

EAST AURORA, NY, September 17, 2020 – [Astronics Corporation](#) (NASDAQ: ATRO), a leading provider of advanced technologies for global aerospace, defense, and other mission critical industries, announced today the rollout of the new [AP-MARS](#), or AutoPoint Multi-Axis Robotic System, an automated circuit card troubleshooting and test development system. The system adds flying probe technology to the existing [PinPoint](#) series of circuit card troubleshooting and test systems, delivering test, maintenance and schematic generation all in one system.

AP-MARS enables users to maintain and repair electronic assemblies without the availability of technical data. The system also works well with obsolete or aging systems with little to no original equipment manufacturer (OEM) support. By automating the capabilities of the PinPoint system, AP-MARS eliminates human error associated with mis-probing and significantly reduces the probing process time and number of touches per pin. Using Circuit Interrogation Analysis (CIA), the system employs a set of algorithms to identify nodal groups and verify the signal path for each net, reducing the number of probing iterations by over 80%.

“For many years, PinPoint has established a proven capability to generate schematics for circuit cards and has become an invaluable tool for the defense industry,” says Jim Mulato, President of Astronics Test Systems. “AP-MARS leverages our commitment to support legacy equipment while integrating forward-looking technology, enabling our customers to become more efficient.”

PinPoint was originally developed by Diagnosys which was acquired by Astronics Corporation in November 2019 and is now incorporated into the Astronics Test Systems (ATS) business.

For complete AP-MARS product details, to view the datasheet, or to request a quote, please visit [Astronics.com](#).



AP-MARS fully automates circuit card troubleshooting and schematic generation, significantly reducing human error and time to repair.

ABOUT ASTRONICS CORPORATION

Astronics Corporation (Nasdaq: ATRO) serves the world's aerospace, defense, and other mission critical industries with proven, innovative technology solutions. Astronics works side-by-side with customers, integrating its array of power, connectivity, lighting, structures, interiors and test technologies to solve complex challenges. For 50 years, Astronics has delivered creative, customer-focused solutions with exceptional responsiveness. Today, global airframe manufacturers, airlines, militaries, completion centers and Fortune 500 companies rely on the collaborative spirit and innovation of Astronics.

For more information on Astronics and its solutions, visit www.Astronics.com.

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Astronics Test Systems

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