

Maryland Manufacturing 4.0 Grant Recipients - February 2025

Grantee	Jurisdiction	Awarded	Project
Amero Foods Mfg. Corp.	Howard County	\$190,040	For automation, process control systems, and data analytics in the manufacturing of jam food products.
Better Engineering Manufacturing, Inc.	Harford County	\$39,610	For a gravimetric testing microscope that automates particle counting, and for a report for testing customer application of machine products.
BTE Technologies, LLC	Anne Arundel County	\$39,036	For NB-IoT cellular network kits for remote diagnosis of manufactured medical devices.
C-Care, LLC	Anne Arundel County	\$50,000	For a computerized maintenance management system.
Chesapeake Specialty Products, Inc.	Baltimore County	\$157,500	For real time transaction data exchange from the shop floor to the enterprise resource planning (ERP) system, sensors, and digital upgrades in the production of steel abrasives and foundry products.
Colonial Metals Inc.	Cecil County	\$100,339	For sensors and system tie in at 80 data parameter points in the production of precious metal-based chemical compounds for industrial use.
Columbia Biosciences Corp.	Frederick County	\$59,217	For automated HIC protein purification with monitoring and notification and a supervisory control and data acquisition (SCADA) system in the production of fluorescent labeling reagents and assays.
Diagnostic Biochips	Anne Arundel County	\$59,444	For a mechanized multi-lens microscope for the evaluation of silicon neural probes. The high-resolution imaging and advanced optics will allow for leverage of AI in the process and more thorough and consistent inspection of parts.
Dunlop Protective Footwear, LLC	Harford County	\$408,971	For automated material handling - a cubic grid storage system that stacks bins and an automatic bagger to package workboots.
Early Charm Ventures LLC	Baltimore City	\$160,200	For process control operation upgrades, including in-line sensors that will allow for better statistical process control (SPC) of air conditioning and chillers in nanofiber spinning production.
Find Solid Corp.	Carroll County	\$60,000	For a smart laser machine, bending machine, powder coating oven upgrades, and ERP system upgrades (to collect data from raw materials to finished products) in the production of hollow metal doors.

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Fluoron, Inc.	Cecil County	\$104,365	For new curing technology that targets the heat source on a discrete area, minimizing wasted energy for fluoropolymer coatings components in the defense, aerospace, and marine industries.
Hagerstown Kitchens, Inc.	Washington County	\$61,500	For a CNC drill and dowel machine and programming that allows the operator to use preprogrammed size frames and enter uncommon dimensions to produce custom cabinetry.
Hardwire, LLC	Worcester County	\$59,275	For a robot to laser cut, weld, and grind steel and titanium in proprietary processes and increase production of military and first responder body security gear.
Hub Labels Inc.	Washington County	\$92,766	For improved quality inspection equipment, including open API for improved data integration, and ERP upgrades for label production.
Hughes Network Systems LLC	Montgomery County	\$179,879	For a custom spray machine to apply a uniform layer of hydrophobic coating on outdoor antenna products.
Independent Can Co.	Harford County	\$103,500	For a modular IIOT software platform, sensors, and monitors to automate an existing production line for metal cans and specialty containers.
Intuitive Machines, Inc.	Anne Arundel County	\$202,150	For a thermal chamber, robotics, and sensors for the design, manufacturing, and testing of space flight hardware.
J G Edelen Co., Inc.	Baltimore County	\$198,000	For a precision press brake with auto tool changer for fabricating custom metal components.
Keen Industries., Inc	Baltimore County	\$97,152	For an advanced CNC mill to enhance remote functionality, file sharing, wireless processing, automation, and high-speed processing in milling high-precision metal parts.
Kemp Proteins, LLC	Frederick County	\$144,699	For a robotic liquid handler for production of custom proteins for the biotech industry.
Latin Goodness Foods, LLC	Montgomery County	\$25,000	For an ERP system and related consultant and training for the manufacture of Latin food products.
Maryland Sign Design, Inc.	Carroll County	\$50,000	For an automated flat bed printer for producing ADA compliant signage.
Micropore, Inc.	Cecil County	\$312,000	For a laser welder and robotic line components for the production of gas adsorbant, rebreathing, and life support devices.

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Mid Atlantic Contracting Services, Inc.	Carroll County	\$340,000	For a spool welding robot to increase efficiency in the fabrication of communications towers and components.
Modern Stone Age Family, LLC	Kent County	\$52,509	For an automatic dough sheeter and a reach-in blast chiller/freezer for baked goods production.
Modular Components National, Inc.	Harford County	\$119,520	For a fully automated electroless copper plating line for the production of high performance circuit boards.
National Jet Company, Inc.	Allegany County	\$60,686	For a CNC turning center, magazine bar feed, and a rota-rack for fabricating custom micro-drilled machine parts.
Parker Vanilla Products, Inc.	Baltimore City	\$45,558	For a digital filling/packaging station and a robotic pallet wrapper in the production of bottled flavorings.
Platform Systems, Inc.	St. Mary's County	\$45,284	For advanced sensor integration into UAV rotary systems.
Pompeian Inc.	Baltimore City	\$98,341	For a full bottle and label visioning system for quality control in the manufacturing of olive oil.
Prime Manufacturing Technologies, Inc.	Howard County	\$70,823	For a 360-degree 3D scanner CMM (coordinating measuring machine) for the injection molding of small custom parts.
Quality Biological, Inc.	Montgomery County	\$47,253	For an automated labeling machine for bottling cell culture media, buffers, and reagents.
Quantum Space, LLC	Montgomery County	\$63,600	For an advanced tube bending machine for the production of spacecraft components.
Railway Products Group, Inc.	Baltimore City	\$46,875	For an ERP system for the manufacture of rail car parts and products.
Rapid Prototyping & Manufacturing Technologies	Harford County	\$67,988	For a laser cutter, 3D printers, and consulting for custom prototype sheet metal fabrication.
Sandtown Millworks, LLC	Baltimore City	\$141,917	For CAD/CAM/CNC integrated software and machine tools for making office furniture from salvaged timber.
Sara's Soup, Inc.	Prince George's County	\$157,142	For a robotic cell for palletizing soup products.
Sauer Compressors USA, Inc.	Queen Anne's County	\$62,757	For remote monitoring systems for 50% of the rental compressor fleet.

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Taharka Brothers Ice Cream Corp.	Baltimore City	\$88,561	For a continuous process ice cream freezer.
The Whalen Company	Talbot County	\$111,090	For a CNC robotic ductwork forming system.
Tilghman Island Seafood	Talbot County	\$105,453	For a metal detector and automated portion cutter for processing blue catfish.
Veritech, LLC	Harford County	\$320,000	For devices in an entirely new low temperature fast charge battery production line.
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