Maryland Manufacturing 4.0 Grant Recipients - February 2026

Grantee	Jurisdiction	Awarded	Project
American Wood Fibers, Inc.	Howard County	$95,000	An automated bulk bagging system with integrated sensors, labeling, and tracking technology to replace a manual packaging process, significantly increasing throughput, improving operator safety, and enabling real-time production monitoring and traceability
AnTrust	Howard County	$75,000	Purchase and implement a photo laser system to bring printed circuit board fabrication in-house, enabling rapid, high-precision PCB prototyping and integrating digital design-to-manufacturing workflows that enhance speed, capability, and competitiveness
C-Care, LLC	Anne Arundel County	$103,500	Modernization of SCADA controls network by replacing legacy systems with a new control platform using Ethernet/IP to enhance real-time data access, reliability, and readiness for future smart manufacturing technologies
Coherent Technical Services, Inc.	St. Mary's County	$53,062	Deploy AI-enabled autonomous material-handling carts and automated door systems to create an internal logistics network that increases production efficiency, reduces manual transport time, and enhances quality flow across machining, sheet-metal, finishing, logistics, and assembly operations
Creafill Fibers Corporation	Kent County	$50,000	Automate a primary fiber production line by installing a new PLC system, custom control software, and an HMI interface to enable smart, data-driven process control, increase throughput, and enhance product quality
Fabricated Extrusion Company of Maryland, LLC	Washington County	$50,000	Implement an automated image dimension measurement system to transition from manual quality checks to a proactive, data-driven inspection process that reduces scrap, improves accuracy, and builds the foundation for predictive quality analytics
Foldfactory/FreshCut Crafts	Baltimore County	$75,000	Purchase an IoT-connected high-speed rotary die-cutting machine and an integrated automated shrink-wrapping line to significantly increase throughput, reduce waste, enable real-time production data monitoring, and support a scalable smart-manufacturing workflow

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Holland & Sherry Inc.	Baltimore County	$139,600	Installation of a robotic storage and retrieval system with automated bin/racking infrastructure and integrated warehouse optimization software to digitize and automate sample fulfillment, doubling capacity and freeing labor for increased in-house sample production
Intralytix, Inc.	Howard County	$93,500	Purchase a high-performance AI computing system and a parallel bioreactor platform to enhance its AI/ML-driven manufacturing system, enabling real-time bioprocess optimization and digital-twin-supported scale-up of phage production
J. G. Edelen Company, Inc.	Baltimore County	$57,875	Purchase and implement a collaborative robotic welding cell with cold metal transfer technology and integrated data-connectivity software to automate welding, increase throughput, improve quality, and advance Industry 4.0 integration within its fabrication operations
JACS Solutions, Inc.	Anne Arundel County	$75,000	Establish a semi-automated production, packaging, and testing line for 4G/5G IoT devices by integrating collaborative robots, smart conveyors, barcode-driven traceability, and automated labeling to enable domestic manufacturing, increase throughput, and enhance quality and data capture
JumpLights	Montgomery County	$48,113	Implement an automated integrating sphere inspection system and a sensor-equipped drone to digitize LED quality control, map production workflows, and capture field performance data to improve manufacturing efficiency and product reliability.
Little Sesame	Prince George's County	$100,000	Integrate a 4-lane automated filler-sealer system to digitize and streamline hummus packaging, increasing production throughput, improving quality and traceability, and enabling smart-factory readiness
Marlin Steel Wire Products, LLC	Baltimore City	$350,000	For an advanced hybrid laser-punch system with advanced automation and ERP/CAD connectivity to increase sheet-metal production capacity, precision, and efficiency while reducing energy use and material waste
Michelle's Granola	Baltimore County	$135,750	Automated batching, lift-assist, and robotic traying systems to streamline and digitize pre-oven production, reduce ergonomic risk and waste, and increase throughput to support rapid growth and new product launches.

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Monkey in the Metal	Baltimore City	$107,552	A fiber laser cutting system with AI-driven nesting software and smart controls to digitize and automate metal fabrication, increasing precision, throughput, and material efficiency while reducing lead times and waste
Parker Plastics, Inc.	Washington County	$42,108	A bulk-bottle shaker and automated, sensor-driven case-filling conveyor system to streamline pack-out, increase throughput and accuracy, and enable data-integrated, Industry 4.0-aligned production
Patriot Steel Fabrication, Inc.	Dorchester County	$40,000	A plant-wide barcoding and mobile data-collection system, enabling real-time material tracking, labor capture, quality validation, and shipping accuracy to digitize fabrication workflows and increase throughput, accuracy, and productivity
Potomac Photonics, Inc.	Baltimore County	$100,000	Three automated precision inspection systems—a Digital Microscope, an automated measurement scope, and an Automated Vision Measurement System—all of which enhance automated, high-accuracy inspection, measurement, and reporting capabilities for micro-manufactured components
Syncopated Engineering Inc	Howard County	$34,972	Electronics and enclosure manufacturing line by acquiring automated solder-paste, pick-and-place, and reflow systems along with 3D printing and CNC capabilities to scale production of IoT devices and accelerate time-to-market
Thorlabs Quantum Electronics, Inc.	Howard County	$52,875	A machine vision/AI software system enabling the company to implement automated, on-premises AI-based visual inspection for semiconductor devices
WD Advanced Materials LLC	Prince George's County	$121,093	A cloud-based MRP/QMS platform and establish in-house diamond polishing capability to optimize production data, increase yields, enhance traceability and quality, and vertically integrate critical semiconductor-grade diamond finishing processes
22 Awards		**2,000,000**	