

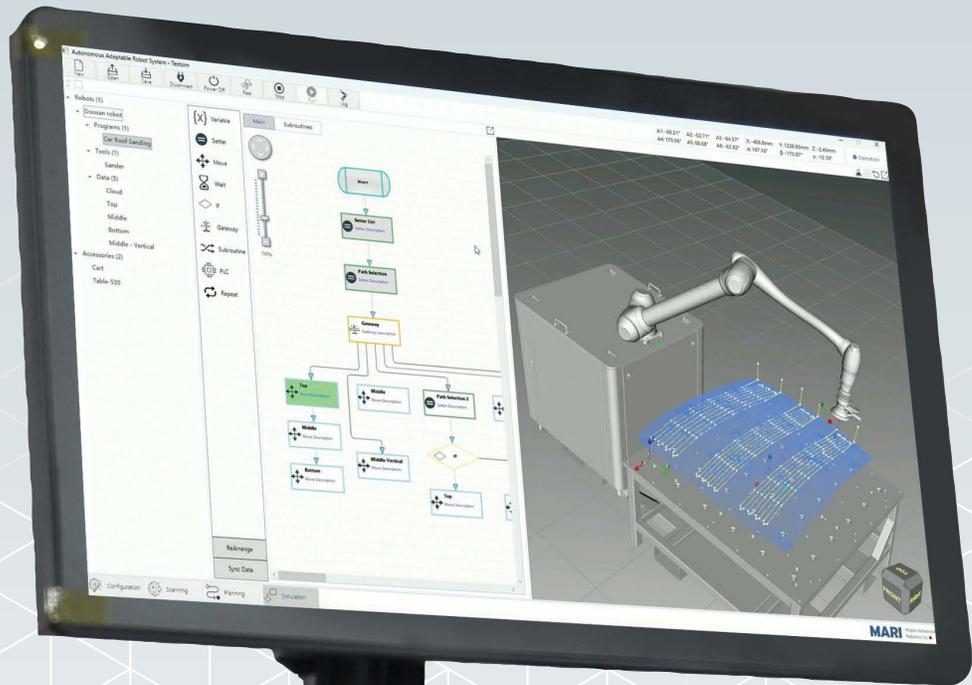


**AUTOBRADE™**

A **DYNABRADE** Company

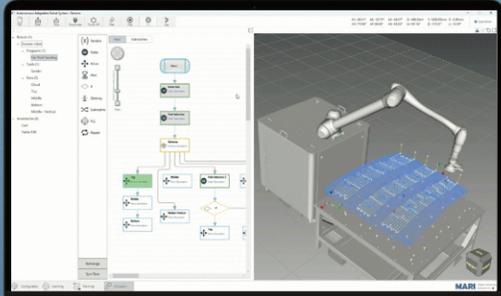
# Autonomous Adaptable Robotic System

Powered by **MARI** Maple Advanced Robotics Inc. 🇨🇦



# AUTONOMOUS ADAPTABLE ROBOTIC SYSTEM

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Robotics Inc. 🇨🇦



## Easy Access to Automation for Everyone



CAD Model  
Required



Professional Offline  
Trajectory Planning



Professional Robotics  
Programming



Professional On-Site  
Debugging



Robot Execution



No CAD  
Model Required



Automatic  
Scanning



Operator Selects  
Area



Automatic Trajectory  
Planning



Robot Execution

Built for

**Non-technical  
Operators**

Experience 3D vision based easy-to-use robotics. AARS Scan & Go enables users with no robot experience to use and program robot.

Programming

**10 min**

Average time taken to program robots with AARS from setup. Automatically generates complex robot motion in seconds.

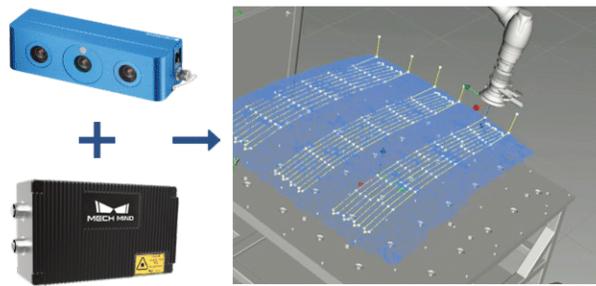
Efficiency

**30x**

Faster robot programming compared to Off-line (OLP). Ultimate speed for automating high-mix manufacturing.

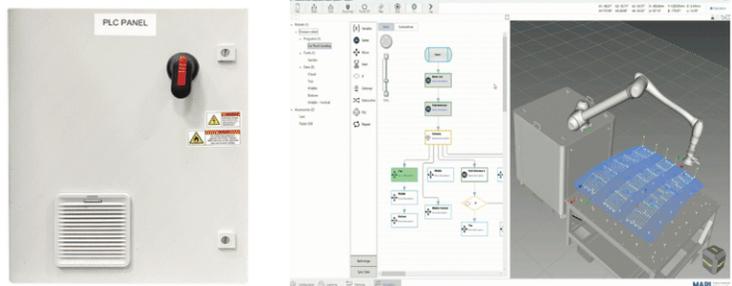
## Smart Vision Module Scan & Go

The 3D vision senses your workpiece, creating a digital twin of the workpiece in the AARS software for user-friendly interaction.



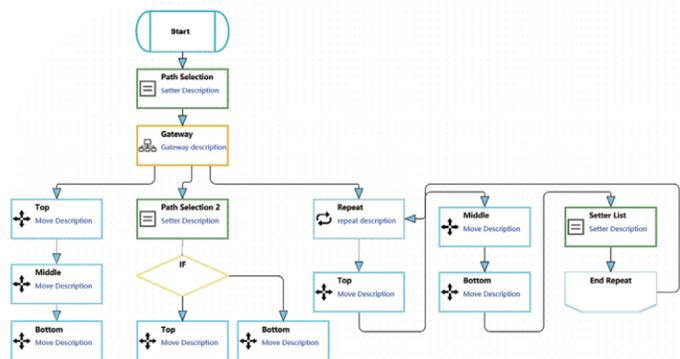
## Universal Control Box Plug & Play

Pre-configured interfaces to help users achieve plug-and-play tool functionality. Users can use no-code programming to control external devices.



## No-Code Programming Drag & Go

Our method uses graphical elements to simplify programming. With a drag-and-drop interface of icons and flowcharts, users quickly construct sequences without complex code, enhancing readability and troubleshooting.



Cost Saving

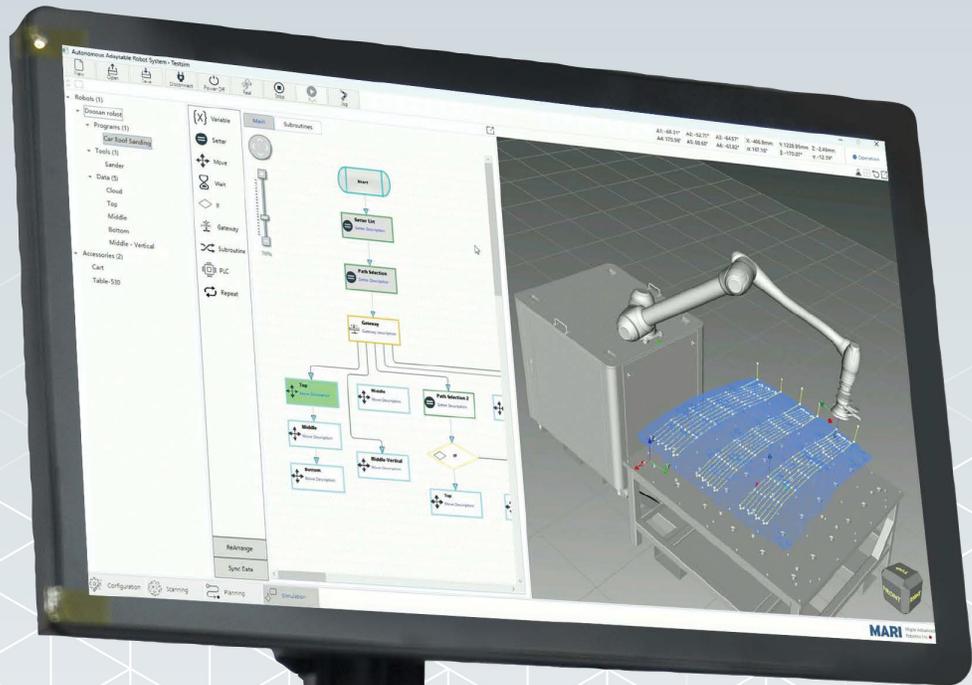
At least **50%**

MARI Self-Integration Building Blocks and process know-how leads to 50% cost saving compared to a customized solution from an integrator.

Deployment

**20x**

Faster deployment to help manufacturers recoup ROI faster by drastically lowering the time, cost, and skill barriers in integration.



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► **Designing Innovation Into Success**

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Headquarters & Sales Office  
Rahway, NJ  
800.864.2660

Safety Services  
Avenel, NJ  
800.610.5600

[WWW.AM-IND.COM](http://WWW.AM-IND.COM)

Northern NJ Office  
Fair Lawn, NJ  
800.622.1363

New England Office  
West Lebanon, NH  
800.225.6711

CT Office  
Middletown, CT  
800.771.1233

PA Office  
Stroudsburg, PA  
855.207.0400