



AUTONOMY, DEPLOYED AT MISSION SPEED

Modular, platform-agnostic autonomy systems built for real-world operations.

Built for the fight, our technology connects robotics across domains—enabling operators to deploy faster, adapt to changing mission needs, and operate with greater speed, awareness, and safety. A modular integration approach allows autonomy to be configured, fielded, and scaled across platforms without starting from scratch.

■ A MODULAR SYSTEM

A CONFIGURABLE APPROACH TO AUTONOMY

The Detroit Defense Autonomy Kit transforms autonomy from a one-off integration effort into a modular, deployable system. Designed to integrate across a wide range of vehicles, it enables teams to rapidly configure and field autonomous capabilities tailored to mission requirements.

- Platform-agnostic integration across vehicle types
- Modular architecture built for flexibility and scale
- Designed for rapid deployment in operational environments

■ THE TEAM

INTEGRATION MEETS INTELLIGENCE

A collaboration that brings together two leaders at the edge of defense innovation. Detroit Defense with Carnegie Robotics, come together to deliver an autonomy system that is ready to deploy, adapt, and scale in the modern fight.

ANY VEHICLE. ANY MISSION.

The Detroit Defense Autonomy Kit transforms autonomy from a one-off integration effort into a modular, deployable system:

- Platform-agnostic integration across vehicle types
- Modular architecture built for flexibility and scale
- Designed for rapid deployment in operational environments

HOW IT WORKS

BUILT TO EVOLVE WITH THE MISSION

Instead of rebuilding systems for each new requirement, the Detroit Defense Autonomy Kit supports a scalable ecosystem of capabilities. Operators can expand, adapt, and upgrade autonomy over time—extending the value of each platform and reducing integration effort across missions.

STEP 01

Select the Mission

Recon, ISR, C-UAS, security, resupply, optionally manned operations

STEP 02

Choose the Platform

Integrates across commercial and tactical vehicles without platform-specific redesign.

STEP 03

Deploy the Autonomy Kit

Pre-integrated sensors, compute, drive-by-wire, and operator controls—ready to field.

STEP 04

Add Capabilities

Expand functionality with mission-specific payloads and software modules.

BUILD YOUR AUTONOMY SYSTEM



Mission → Platform → Kit → Capability

A modular approach enables rapid configuration and deployment of autonomy across any mission set.