



MAGOTHY AUTOPILOT

The Magothy Autopilot is the culmination of 20 years of autopilot design experience across USV, UUV, ROV, towed, and Hybrid marine systems. It combines innovative and proven techniques designed specifically for marine vehicles.

Contact

info@magothyrt.com
(703) 791-9632

Hours

M-F: 9am – 5pm
Eastern Time

Locations

Our team is based out of Northern Virginia.
We also have testing facilities in Severna Park, MD and Shady Side, MD.

Some of the features that make the Magothy Autopilot superior to other autopilots are as follows.

AFFORDABLE PRICING

By offering affordable pricing, we are making the Magothy Autopilot accessible to more operators, ensuring our cutting-edge technology serves as a true force multiplier.

NAVIGATION

Non-traditional navigation including multi-vehicle decentralized bearings only and range only navigation excel in GPS contested environments.

CONTROL

Precision control of the most challenging platforms with unparalleled steadiness for the most demanding payloads.

AUTONOMY

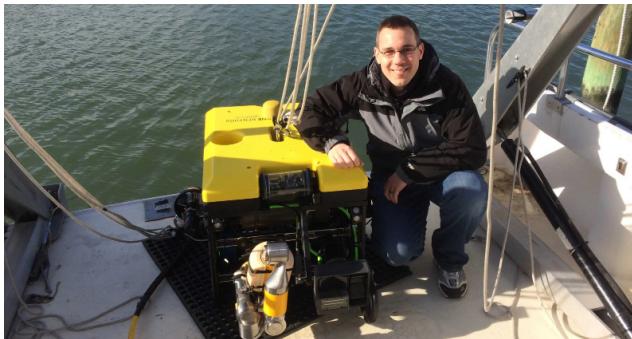
Obstacle avoidance and bespoke maneuvers allow operators to focus on the mission and not managing vehicles.

PERCEPTION

Magothy's advanced sensor fusion algorithms combine RADAR, LIDAR, cameras, and other sensors to perceive the world.

TEAM

Magothy River Technologies was formed in 2018 and consists of former employees of Edgetech and Vehicle Control Technologies before that. Several members started in the Center for Marine Autonomy and Robotics at Virginia Tech. Magothy's engineers have had exciting careers working on all manner of unmanned marine systems.



EXPERIENCE

Magothy's engineers are seasoned veterans in unmanned systems with an average experience of 17 years. Over the course of their careers, Magothy engineers have worked on 43 different unmanned systems while working with 39 different companies and government agencies. The slideshow presents some of those 43 unmanned systems including UUVs, USVs, ROVs, as well as custom specialty vehicles.



RELIABILITY

The Magothy Autopilot is utilized across an array of different vehicles throughout the U.S. military. Detailed performance data from the Magothy Autopilot are regularly analyzed, before problems arise, ensuring smooth operation and optimal performance.

SERVICES

Engineering Consulting

Comprehensive support and technical services across multiple industries, focusing on specialized research and technology-driven solutions to meet client-specific objectives.

- **Research & Development**
- **In-water testing**
- **Performance analysis**

Software Development

Magothy River Technologies offers full-stack software development services. Our team is experienced in all manner of software development. Add an expert architect from Magothy to your next project.

- **Embedded**
- **Micro-controllers**
- **Desktop / GUI Applications**
- **Cloud Architecture**
- **Mobile**
- **Web (Full Stack)**



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