

## *“Self-drive anything”*

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### Our story

Robotika International was founded by computer scientists and engineers in Europe and the United States who have more than 20 years of experience in robotics and autonomous driving research and development. The combined knowledge of our wide-ranging expertise led us to develop technology that enables an autonomous vehicle to handle the most challenging tasks and environments. Our suite of products can be integrated with most mobile platforms to turn operator-controlled machinery into self-driving vehicles.

### Our technology

We have developed an integrated autonomous vehicle control system with the intelligence to enable self-driving for a wide variety of mobile platforms. Our system combines information received from multiple sensors, performs real time analysis, and produces driving instructions to the vehicle in line with the task at hand. Our library of supported hardware components and software modules can be combined in a customized manner to meet each customer's requirements. The resulting product consists of highly modular and fully redundant architecture, guaranteeing an efficient conversion process and producing the highest level of reliability in the converted vehicle.



### What we can do for you

Whether you produce search and rescue robots, military vehicles, agriculture equipment or lawn mowers, Robotika International can modify and/or expand your existing platform to make it autonomous/self-driving, thereby enhancing its capacity and applicability and giving you an edge over your competitors' traditional vehicles. We work with each customer individually to create a customized mobile platform or modify vehicles to be autonomous-driving ready. Whether we are developing a turnkey, tailored solution for a unique requirement, or creating a new self-driving

platform for an existing product line, we can leverage our tested and proven suite of components and modules to deliver the desired results efficiently and reliably.

Examples of our technology in practice

- Autonomous surveying of wheat plots for growth, density and procumbency
- Autonomous searching of underground spaces for persons or objects
- Multi-robot logistics simulation in a textile factory environment

## At the cutting edge of autonomous mobile robotics

Robotika International is pushing the research and development envelope to create autonomous vehicles capable of multiple niche deployment scenarios. The experience we gain from participating in international challenges helps us refine and improve our commercial products, to the benefit of our customers.

- DARPA Subterranean Challenge with military and first responder applications
- Autonomous robotics competitions (e.g., Field Robot Event, SICK Robot Day, Naio Move Your Robot)
- Academic collaboration (Czech University of Life Sciences Prague)



## Work with us

Email us at [info@robotika-intl.com](mailto:info@robotika-intl.com) to discuss business opportunities, collaboration potential and other synergies.