

Company Fact Sheet 2010

RE2 is a leading developer of Intelligent Modular Manipulation Systems. RE2's manipulation systems and components are scalable and modular, providing enhanced capabilities for all classes of Unmanned Ground Vehicles (UGVs). RE2's development efforts are focused on creating plug-n-play manipulation systems and end-effectors that are interoperable with existing and next-generation robotic platforms. RE2's mission is to advance the state of the art of mobile manipulation, specifically enabling manipulators to be more dexterous, precise, intuitive for teleoperation, and intelligent for autonomous behaviors.

Founded

RE2, Inc. was founded as a Carnegie Mellon Spin-Off company in 2001 by president & CEO, Jorgen D. Pedersen.

Company Mission and Goals

RE2, Inc. is dedicated to ensuring the well-being of American service women and men deployed around the globe, enhancing the country's homeland security efforts, and improving the safety and functionality of current and future unmanned vehicles by integrating intelligent manipulation capabilities onto robotic platforms. We continually aim to become a regionally and nationally recognized robotics firm and to continue the tradition of robotics excellence within Western Pennsylvania. We plan to achieve this by employing world-class robotics engineers, strengthening our relationships with prime defense contractors and research universities, and securing our own small business research grants. We strive for growth by attracting talented engineers to Western Pennsylvania, creating technical and non-technical jobs, and maintaining annual profitability.

Headquarters

RE2, Inc. is located in the Lawrenceville section of Pittsburgh, Pennsylvania.

Employees

RE2, Inc. currently employs 40 individuals in engineering, administration, project management, marketing, and business development positions.

Programs and Products

- AUTOMATIC tool-change system
- Autonomous Robotic Manipulator Program
- Dexterous Manipulation System
- End-Effector Retrofit Kit
- High Speed Inspection Robot (ForeRunner)
- Modular Intelligent Manipulator with Intuitive Control
- Modular Recon Manipulator for VBIED Defeat
- Robotic Door-Opening Kit
- Robotic Nursing Assistant
- Semi-Autonomous Manipulation System
- Small Robot Toolkit
- Joint Architecture for Unmanned Systems (JAUS) SDK

