



5D Robotics

Company Overview: 5D Robotics, Inc. is an early stage software company applying groundbreaking robotic innovations to make robots more intelligent and helpful. For the past eight years key inventors working at the Idaho National Laboratory have led software efforts to make military robots more effective at finding, marking and neutralizing explosives.

Problem: Forty percent of the military casualties in Iraq and Afghanistan are from Improvised Explosive Devices (IED's) and mines. Each day that goes by without a widely fielded technology for finding and avoiding hazards means ongoing, preventable, loss of life.

Solution: 5D team members have worked closely with both government and industry partners developing software solutions for robots. Now it is time to commercialize those solutions and get them to the soldiers in theatre. With ongoing and future development contracts from the government, 5D can bootstrap a limited amount of external investment into a dynamic company with broad expertise and protected intellectual property, poised to become a market leader in robotics software products and services.

Business Model: Leverage existing relationships with government to build contract revenue and expand IP that can then be used in private sector markets (healthcare and transportation) to generate both licensing and customization revenue (IBM model).

Markets/Customers: The DoD recognizes 5D as an innovator in software for robots. Next stage private sector markets are tele-medicine, and transportation. The DoD plans to spend \$3.24 billion over the next 8 years on ground-based robots. The global market for robotics is projected to reach \$21.4 billion by 2014.

Competitive Advantage:

- Software that makes teaming easy for humans and robots.
- Long standing relationships with government program managers and defense industry leaders which are critical for securing defense contracts.
- The team has an eight year track record of robotics software development at the Idaho National Laboratory with approximately \$20 million in contracts over the past seven years.

Management Team: David Rowe (CEO), 24 years leadership as a Colonel with the Army and commercial experience with startups. David Bruemmer (VP, R&D), 10 years robotic software development experience with DoD. Jonathan Green (VP finance and administration), 30 years experience as a serial entrepreneur. Curtis Neilsen, PhD. (Senior Scientist), is a leader in human/robot interaction.

Funding Request: \$1 million (\$1 million in private investment already secured for a total raise of \$2 million.)



DAVID ROWE

Investors: Founders and angels

Employees: 7

*5D Robotics
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In Attendance:

*David Rowe, CEO
Regan Rowe, Director,
Business Development*

Revenue Forecast:

2010:	\$ 1.8M
2011:	\$ 5.2M
2012:	\$ 12.2M
2013:	\$ 34.3M
2014:	\$ 67.2M