



# DARPA Urban Challenge

*Team Cybernet - Ann Arbor, MI*

The DARPA Grand Challenge robotic vehicle competition has captured imaginations around the world. The innovations, memorable personalities, life-saving technologies, and sheer magnitude of the 2004 and 2005 Grand Challenges have generated worldwide news coverage, with hundreds of media outlets reporting on history in the making.

## The Challenge

Fifteen autonomous ground vehicles attempted the first Grand Challenge, on a 142-mile desert course between Barstow, California and Primm, Nevada in March 2004. None finished the course and the \$1 million cash prize was unclaimed. Eighteen months later, four autonomous vehicles successfully completed a 132-mile desert route in southern Nevada under the required 10-hour limit, and a \$2 million prize was awarded. The 2007 Urban Challenge builds on the excitement of the first two Grand Challenges to accelerate the development of autonomous vehicles that will someday perform hazardous tasks on the battlefield with limited human involvement.

To succeed in this Urban Challenge, robots must perform like cars with drivers and safely conduct simulated battlefield supply missions on a 60-mile urban area course, while obeying traffic laws, merging into traffic, navigating traffic circles, negotiating busy intersections and avoiding obstacles. The urban setting adds considerable complexity to the challenge, and replicates the environment in which many of today's battlefield missions are conducted. Urban Challenge 2007 teams must qualify for the main event in the National Qualification Event, October 21-31, 2007.

## Team Cybernet

Team Cybernet, the only corporate-sponsored Michigan-based team in Urban Challenge 2007, is led by Cybernet Systems Corporation of Ann Arbor, MI and includes other prominent Michigan companies and Universities as partners, including Lawrence Technological University, Applied Research Associates, Sparten Corporation, Michigan Technological University, the University of Michigan, Michigan State University, Soar Technology, Stewart & Stevenson, Ford Motor Company, and DaimlerChrysler.

## Sponsorship Opportunity

Team Cybernet successfully completed all of the test missions at their June site visit, and anticipates being named to the list of National Qualifiers in August. A long summer of work to prepare for the National Qualification Event is already underway, but the resources available for Team Cybernet (and directed to their university partners) are limited to the contributions of Corporate Partners and Sponsors. As such, Team Cybernet is offering a unique sponsorship opportunity to entities interested in joining the drive to bring the Grand Challenge title to Michigan.

Standard sponsorship options include logoage on the Team Website, vehicle and/or shirts, with compensation based on size of logo and location(s). More unique or in-kind sponsorship options are also available -- contact Team Cybernet (as listed below) for more details.



**Team Website:**  
[www.cybernet.com/urbanchallenge](http://www.cybernet.com/urbanchallenge)

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