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cmRobot Announces the Release of the Element UGV™, a Rugged All-Terrain Unmanned Ground Vehicle Robotics Platform Designed for Research, Development and Academic Classroom Training.

Nashua, NH, Sep 18, 2012 – cmRobot one of the world's leading providers of advanced computer systems, robotics technology and custom software solutions, today announced the release of its **Element UGV™**, a rugged all-terrain Unmanned Ground Vehicle platform. The company has begun delivery to customers to implement in their robotics projects.

"With the rapid growth in robotics popularity, use and demand; colleges, universities and technical institutions worldwide are including the **Element UGV™** in their curriculum taking full advantage of the technology offered and specifications designed into the platform. The **Element UGV™** is the ultimate classroom tool for research and development, including; robotics education, embedded systems, Windows Embedded, machine control, vision systems, robot sensors, robot mechanics and autonomous navigation. The **Element UGV™** allows the user to process, see, hear, connect, navigate and create," said Rami Morris, President and CEO.

Developed by cmRobot, the **Element UGV™** is a rugged all-terrain UGV platform with on-board dual-core computer, 9DOF IMU, GPS, PTZ network camera, three 180 degree coverage ultrasonic range finders and WIFI connectivity. An open source .NET library is also provided to speed up application development. The **Element UGV™** Platform is designed for indoor and outdoor operation requiring zero turning radius and fast maneuverability. It is driven by six powerful motors, one for each wheel. It is rugged, light weight, fast, compact and weather resistant.

"The **Element UGV™** operates autonomously or on a 802.11g WIFI network and integrates outdoor GPS and 9DOF IMU (Gyro/Accelerometer/Compass), as well as a full-featured dual-core computer system for autonomous navigation. The integrated High Definition (720p) PTZ camera and three short/long range ultrasonic range finders provide the on-board computer or remote operator detailed information of the surrounding areas." said Guy Cefalu, Product Architect and CTO.

The **Element UGV™** is one of what is expected to be the industry's most complete portfolio of **Microsoft™**.NET enabled robotics technology, which will include the **Element™**, **Element UAV™** and other future products currently in the testing phase at cmRobot labs.

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About cmRobot

cmRobot is a QuPiron Technology Company and is one of the world's leading providers of cutting edge technology, innovation and quality products. Founded in 2010 – cmRobot applies the latest technology, excellence, quality and innovation to research, design and development of advanced computer systems, robotics technology and custom software solutions for the academic, research and development markets worldwide. To learn more about cmRobot and QuPiron Technology Corporation, visit www.cmRobot.com and www.QuPiron.com

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