

Affordable Robotic Solutions for Today's Environment

During this current economic environment with increasing concern over present and future operating budgets; local, state, and federal government agencies must increase their focus on providing cost effective solutions to meet their operational priorities. These agencies' first responders now, more than ever, require cost effective, affordable solutions for their robotic system applications.

The affordability of Mesa Robotics' vehicle designs is based on seven key elements: (1) design simplicity, (2) maximum utilization of commercial off-the-shelf (COTS) components and assemblies, (3) modular design, (4) in-the-field repair and reconfiguration – with standard tools, (5) proven system reliability, (6) interchangeable payloads, and (7) ease of operation. Less than a one-day operator training session is required for reliable system operation.



The design of Mesa's Family of Robots leverages our core competency – practical, low cost engineering solutions for the user/operator's needs. This is evident in the modular design of each robot and the interchangeability of payloads. The standard payload interface on each of our robots insures this interchangeability with attachments available today and attachments the user purchases in the future.



Each Mesa robot can be configured to meet the customer's specific needs. We will provide a chassis with a teleoperated control system and a Mesa payload or integrate a customer-supplied control system and payload with our chassis. **Your Mission, Your Options, Your Payload – Our Vehicle, Configured to Your Requirements.**

Each of Mesa's family of tracked vehicles is a superior performer in off-the-road environments. The small, 25 - 60 pound man-portable robots are excellent stair climbers and negotiate severe rubble with a full-range of payloads. For the past four years these robots have been the top performers at **DHS/NIST Unmanned Search and Rescue Exercises** in mobility, rapid payload adaptability, and mission endurance. These features carry through the entire Mesa Robotics product line. The 2.5 ton armored robot accepts a wide variety of



custom-designed and commercially available payloads. Its towing capacity exceeds 25,000 pounds. Additional robotic systems are in development - internally funded - to meet the requirements of customers for fast, lightweight, highly mobile platforms that are capable of carrying precision, state-of-the-art payloads.

Mesa Robotics' philosophy of providing a high quality product at the best price to meet each of our customer's needs makes us the ideal supplier of robots in this difficult environment. Mesa Robotics' Systems provide cost effective solutions that meet the operational needs of our customers – today and in the future. They are made in the U.S. They are the low cost solution to today's robotic mission needs and, once purchased, will always be adaptable to tomorrow's new requirements. Mesa's robots are **affordable**. They have the best price/performance ratio in the business. Prices for a basic robot chassis start at \$10,000. **Mesa Robotics – Affordable Robotic Solutions for Today's Environment.**