



Robots Save Soldier's Lives Overseas

Marshall Space Flight Center

**Applied Geo Technologies Inc.
Choctaw, Mississippi**

Originating Technology/NASA Contribution

- ◆ NASA is designing a mobile communications platform so robots can communicate with astronauts on the Moon and mission controllers on Earth
- ◆ NASA bought MARCbots from the U.S. Army for testing and then made them simpler and faster



Partnership

- ◆ The Army wanted the design changes in future robots and formed a partnership involving the transfer of intellectual property
- ◆ Applied Geo Technologies, a tribally-owned corporation was given the task of manufacturing the modified tactical robots

Product Outcome

- ◆ The company produces 40 units per month, and have deployed 300 overseas
- ◆ MARCbots help soldiers search out and identify improvised explosive devices, disrupt supply convoys, and destroy assets
- ◆ Future plans include adding radiation sensors and plume detection to the MARCbots