



## Modular and Tucson Embedded Systems Team Up for New Product

**Tucson, Arizona – February 8, 2012**

Modular Mining Systems, Inc. (Modular), the leader in information management solutions for mining operations worldwide, announces its strategic alliance with Tucson Embedded Systems, Inc. (TES) to develop the hardware of the Modular AssetAlert™ System, an affordable asset tracking and management solution for surface mines.

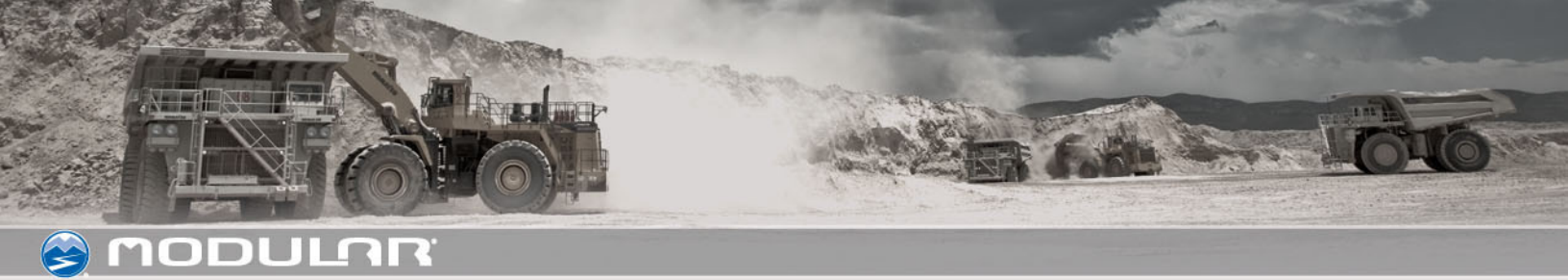
The AssetAlert system allows mines to remotely locate missing equipment, optimize equipment utilization, prevent misuse or theft, receive alerts when thresholds are exceeded, and more. AssetAlert runs as a standalone system, with a web-based server and viewers. The system uses rugged yet low-cost hardware, within a self-healing wireless mesh network, to communicate asset data back to the mine's central computer. TES developed the hardware, which consists of a small, durable device called the Asset Node. It is equipped with on-board GPS, analog input, two digital inputs and outputs, and digital accelerometer. Asset Nodes can be installed on any asset, mobile or fixed, including: auxiliary equipment, cranes, bucket trucks, light plants, industrial pumps, generators, and more. Once installed, the system relays critical asset information, such as: location, movement and speed, and status (e.g. on/off, fuel level, and temperature).

Michael Lewis, Modular Vice President of Sales and Marketing, explained the industry's need for such a solution, "Traditionally, mines have struggled to effectively manage the hundreds of moving and fixed assets at their sites. AssetAlert gives mines the tools to not only track equipment, but to better allocate, control, and maintain equipment, saving considerable time and money." Lucas Van Latum, Manager of Technology and Innovation at Modular, said, "We're always looking for innovative technologies and alliances that help us continue to provide cutting-edge solutions. With the AssetAlert hardware, TES was there from start to finish—they worked with us from the initial concept to the final, field-ready product."

Antonio Procopio, Vice President and Co-Founder of TES, said of the alliance, "We're proud to work alongside a company that is both a global industry leader and a locally-based business.



**Antonio Procopio, Vice President and Co-Founder, Tucson Embedded Systems, Inc. (L) shakes hands with Michael Lewis, Vice President of Sales and Marketing, Modular Mining Systems, Inc.**



This kind of collaboration between small and mid-size businesses is good for Tucson, and it's good for our country's economy as a whole."

### **About Tucson Embedded Systems**

Founded in 1997, TES is a leading provider of products, services, and embedded systems to the Aerospace, Defense, and Commercial industries. Its staff of highly skilled and experienced engineers provides complete systems solutions from concept to production and into maintenance. TES has achieved wide recognition in the IT management and engineering marketplace, especially in the area of mission- and safety-critical software. To learn more, visit [www.tucsonembedded.com](http://www.tucsonembedded.com).

### **About Modular Mining Systems**

Founded in 1979, Modular is the market leader in providing powerful information management solutions to both open-pit and underground mining operations worldwide. Modular sales and support offices are located in all key world mining markets. For more information, visit the Modular website at <http://www.modularmining.com>

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