

*For immediate release:*

## **Access Micro-Wireless IDs Proven in Live Miner Tracking Safety Demo** *Comprehensive Wireless System Meets Mandate in Miner Act Legislation*

**DALLAS, TX, September 22, 2008** – [Access International, Inc.](#) (OTCBB: AXSI), a leading provider of Micro-Wireless business activity management solutions working together with [Foundation Telecommunications Inc.](#) and [Architron Systems Inc.](#), provided a live demonstration of a comprehensive mine communications, tracking and sensor system designed to deliver miner safety to underground mining operations. Micro-Wireless IDs attached to personnel in the mine were tracked as they moved throughout the mine's tunnel on September 12. The system also successfully provided real-time location information for miner tags following a simulated mine cave-in to show the robust nature of the entire communications system design that can be used to ensure the safety of the more than 344,000 miners in close to 15,000 mines in the United States alone.

Interest in miner safety increased following the [Sego Mine disaster](#) in West Virginia and prompted The Mine Improvement and New Emergency Response Act of 2006 ("[The Miner Act](#)") requiring miner safety improvements be implemented by mid-2009. The Act's provisions require wireless two-way communications and an electronic tracking system be implemented to permit those on the surface to locate persons trapped underground. The live demonstration showed how the combination of a robust wireless network design for tunnels combined with Micro-Wireless personnel tagging technology offers the best combination of technology and can immediately provide the necessary safety outlined in The Miner Act.

Foundation Telecommunications and Architron installed the wireless tunnel backbone communications system for the live test, staging personnel in shafts at varying intervals. With automatic "self-healing" links and "mesh" multi-node communications paths, the system overcame obstructions and elevation changes in the mine that normally foil traditional Wi-Fi communications systems.

"We've installed numerous XRF<sup>®</sup>-based systems, so the only unique aspect of this was the requirement for a design that could withstand a cave-in," commented George Livergood, President and CEO of Foundation Telecommunications, Inc. "We've been working very closely with a number of mine operators in Kentucky and the state government to provide a solution that meets the stringent demands of the mine environment."

The AX5 wireless access point equipment is based upon Architron's XRF patented technology, which is designed specifically for rugged environments. It is capable of carrying voice, email, video and miner position data to the surface reliably. The XRF solution is frequency and standards agnostic, completely flexible and upgradeable, allowing rapid deployment of wireless, ultra-high-bandwidth communications networks. Only XRF has the ability to embrace all common wireless standards both licensed and unlicensed into a multi-patented ubiquitous solution.

*-more-*

“The XRF technology platform is ideal for this application because of its inherent rugged design and communications adaptability,” said Byron del Castillo, CEO of Architron Systems Inc. “We can deliver a network flexible enough to be cost effective yet meet the demands of mine communications.”

The miner locating capability is based on Axxess’ Micro-Wireless IDs or tags, which come in multiple form factors and can be carried by the miners in various ways including being attached to the miners’ helmets. The tags turn-on automatically as miners enter the mine and provide regular identifying transmissions to embedded receivers within the AX5 access point package. Transmissions are provided in the Federal Communications Commission (FCC) approved 433 MHz frequency band, which is inherently more robust than Wi-Fi signals operating at 2.4 GHz from ID devices in mines. Real-time location data tells where the miner is at all times, and the tags include options for sensing and panic alarms as enhanced safety features. The software includes pre-programmed alarm detection filters that automatically alert first responders to a disaster and provide a visual display of the miner’s location.

“The Micro-Wireless tags are very small, very low cost devices specifically designed for local area monitoring needs such as miner tracking,” said Allan Griebenow, President and CEO of Axxess International Inc. “Together with the XRF technology, the system meets and exceeds the stated requirements for enhanced miner safety. We are pleased to be able to support Architron and Foundation Telecommunications for such an important cause.”

Micro-Wireless technology uses ultra-small, low cost reliable devices for the local transmission of information on assets, personnel and vehicles to provide an automatic, exception-based, labor-free way for identification, location determination, inventory accounting, security protection and condition status monitoring. The ability to optimize small form factor tags with all the necessary technical elements, including a reliable signal, the message information and enough signal power defines the wireless technology area called Micro-Wireless. Such solutions now encompass numerous applications, including automatic asset management, personnel and vehicle automatic access control, advanced workforce management and emergency evacuation accounting and wireless-based condition sensing. Other wireless technologies such as cell phones, Wi-Fi and Bluetooth are not well suited to these solutions because of their cost, size and power consumption. Micro-Wireless transmissions occur in the 315-433 MHz UHF frequency band, are regulated by the FCC and do not require separate licensing.

Axxess’ unique Micro-Wireless implementation is based on a “dual-active” architectural design, where the wireless tags lie dormant until activated by a pre-programmed condition or by movement through a wireless activation field at a doorway or other control point. Alternatively, the tags can beacon at regular intervals for easy accounting. Axxess’ battery-powered (also called “active”) Dot tags include bar codes and short range Electronic Product Code (EPC) RFID capability along with long range transmission capability of up to 1000 feet.

Media wanting a copy on Axxess’ paper on “What is Micro-Wireless Technology” may contact [kenni.driver@driverpr.com](mailto:kenni.driver@driverpr.com).

-more-

## **About Dot Platform**

[Dot](#), the world's smallest, most powerful, lowest cost battery-powered wireless computer, is based on a revolutionary system-on-a-chip (SOC) technology design. Access' invention combines a processor, memory and wireless communications into one chip about the size of a grain of rice. It is as powerful as the first personal digital assistants (PDAs). It runs for years on a watch battery, stores at least three pages of information in memory and communicates to the world at high speed, all at a low cost. Within this single, low cost chip, Dot combines the beneficial elements of today's monolithic technologies such as RFID, RTLS and wireless sensing. Dot technology incorporates a battery powered, software definable wireless receiver that is compatible with multiple global regulations, including the Electronic Product Code (EPC) Class I and Gen II (passive RFID) standard.

Dot, the only [FCC](#) approved hybrid micro-wireless solution, is a single wireless source common to multiple industry standards and supporting virtually all industries including the military, manufacturing, enterprise, oil and gas, utilities, education and government.

Access offers a [developer's kit](#) royalty free to licensed registered developers. Opening the architecture is expected to add to the already broad use of the Dot technology.

Access has introduced the industry's first [Smart Wireless Sticker](#). Photos of [Dot](#) and the [Smart Wireless Sticker](#) are available for the media.

## **About Access International Inc.**

[Access International Inc.](#) (OTCBB: AXSI) delivers wireless intelligence through real-time business activity monitoring solutions that improve productivity, security, safety and revenue growth. The systems derive wireless intelligence from automatic advanced workforce management, workflow management, asset monitoring and distributed sensing. Its revolutionary and patented [Dot](#) micro-wireless technology platform combines RFID, RTLS and wireless sensing for better decision-making and control throughout the enterprise. Access is a portfolio company of [Amphion Innovations plc](#) (AIM: AMP). For more information on Access, visit [www.axcessinc.com](http://www.axcessinc.com).

## **About Foundation Telecommunications Inc.**

Established in 1979, [Foundation Telecommunication, Inc.](#) provides both one-way and two-way commercial grade satellite Internet connectivity, as well as, digital broadcast TV, video conferencing and distance learning networks for one-way and interactive digital voice, video and data applications. FTI combines its unique combination of experience and expertise to provide complete end-to-end leading edge applications of satellite and wireless technologies for total network solutions including design, digital satellite equipment, space segment, wireless networks and overall network monitoring and control.

## **About Architron Systems Inc.**

[Architron Systems Inc.](#), a communications technology company, is committed to developing superior wireless communication solutions for the world market in order to improve the quality of human life. It provides XRF® based solutions, frequency and standards agnostic, completely flexible and upgradeable, allowing rapid deployment of wireless, ultra-high-bandwidth communications networks. Architron is affiliated with the Girvan Institute of Technology companies.

## **Contacts**

### Public Relations

Driver Public Relations  
Kenni Driver  
972.978.6455  
[kenni.driver@driverpr.com](mailto:kenni.driver@driverpr.com)

### Architron Contact

Architron System Inc.  
Allen Higgins  
[ahiggins@xrftech.com](mailto:ahiggins@xrftech.com)

### Access Contact

Access International  
Lisa Jackson  
972.250.6080  
[ljackson@axcessinc.com](mailto:ljackson@axcessinc.com)

### Investor Relations

Darrow Associates  
Jordan Darrow  
631.367.1866  
[jdarrow@darrowir.com](mailto:jdarrow@darrowir.com)

This release contains forward-looking statements as defined in Section 21E of the Securities Exchange Act of 1934, including statements about future business operations, financial performance and market conditions. Such forward-looking statements involve risks and uncertainties inherent in business forecasts.

###