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## PRESS RELEASE



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### **Matrix Receives MSHA Approval for Advanced Sensors**

NEWBURGH, IN, September 9, 2013 – Matrix Design Group, LLC (“Matrix”) announced that the U.S. Department of Labor’s Mine Safety and Health Administration (“MSHA”) approved three of Matrix’s new advanced-technology atmospheric monitoring sensors (“AMS”) for use in underground mining operations. The new sensors include a high-accuracy airflow sensor, a low-power methane (“CH<sub>4</sub>”) sensor, and a flexible-use carbon monoxide (“CO”) sensor.

Matrix developed the sensors as part of its new MX3 system. The MX3 system integrates voice communications, tracking, atmospheric monitoring, and controls. At the request of Alpha Natural Resources, Matrix also developed additional system components and sensor capabilities that allow its MX3 technology to be used with a variety of other atmospheric monitoring and CO monitoring systems.

Each sensor is designed for use in multiple operating scenarios. The sensors can be powered by wire or battery and data can be transmitted by wire or wirelessly. The sensors also feature an LCD display that provides dynamic instructions for step-through calibration, simplifying operation and eliminating the need for mine personnel to carry lengthy calibration instruction cards.

“We believe this suite of sensors fundamentally advances the capabilities of atmospheric monitoring in mining, with positive benefits for both mine ventilation management and miner safety,” said Matrix President, Aric Pryor. “Our dedicated development team created a group of next-generation sensors that are more accurate and easier to use than currently installed sensors. Matrix was excited to assist Alpha with the implementation of safety innovations at their operations, and to expand the capability of our MX3 sensors to work with a variety of existing AMS or CO monitoring systems.”

For more information about these advanced-technology sensors, or other Matrix safety systems, please visit [www.matrixteam.com](http://www.matrixteam.com).

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## **About Matrix Design Group, LLC**

Matrix is a designer, developer and marketer of safety and productivity technology for use in mining and other industries. It's innovative and industry leading products include communications and tracking systems, mine atmospheric monitoring systems, belt control, and proximity detection systems. Matrix is a subsidiary of Alliance Resource Partners, L.P. ("ARLP"), a diversified producer and marketer of coal primarily to major United States utilities and industrial users. For more information, see [www.matrixteam.com](http://www.matrixteam.com)

## **About Alliance Resources Limited Partners**

ARLP is a diversified producer and marketer of coal to major United States utilities and industrial users. ARLP, the nation's first publicly traded master limited partnership involved in the production and marketing of coal, is currently the third largest coal producer in the eastern United States with mining operations in the Illinois Basin, Northern Appalachian and Central Appalachian coal producing regions. ARLP operates eleven mining complexes in Illinois, Indiana, Kentucky, Maryland and West Virginia. ARLP is also constructing a new mine in southern Indiana and is purchasing and funding development of reserves, constructing surface facilities and making equity investments in a new mining complex in southern Illinois. In addition, ARLP operates a coal loading terminal on the Ohio River at Mount Vernon, Indiana.

News, unit prices and additional information about ARLP, including filings with the Securities and Exchange Commission, are available at <http://www.arlp.com>. For more information, contact the investor relations department of Alliance Resource Partners at (918) 295-7674 or via e-mail at [investorrelations@arlp.com](mailto:investorrelations@arlp.com).