
3D-P WINS MAJOR CONTRACT WITH NEW MMG PROJECT IN PERU

July 18, 2015 - 3D-P has been awarded the contract for the deployment of the wireless network at the Las Bambas Copper project near Cusco, Peru. When operational, Las Bambas is expected to become one of the top three copper producing mines in the world and shipment of the first concentrate is expected in the first quarter of 2016.

3D-P will commence installation of the wireless network in August 2015. The newest 3D-P technology in the form of the e200 Intelligent EndPoint™ with integrated Rajant kinetic mesh wireless network technology (802.11n radio) will be used for the on-board computing and integration of the various applications. The wireless infrastructure solution includes Rajant InstaMesh™ networking protocol, which enables wireless access for all of the mobile fleet as well as a redundant mesh backhaul. The wireless network is also complemented by Cambium backhaul technology to provide the resiliency and high speed deterministic throughputs required to support the scope of applications anticipated for the life of the network.

When completed, the network will provide mine-wide wireless coverage for communication of data and video from the mobile equipment. The highly efficient Rajant InstaMesh™ technology will allow each radio to participate in the mesh, helping maximize wireless performance throughout the mine.

“We are very pleased with the confidence that MMG, the mine operator, has shown in 3D-P. We look forward to partnering with them for the installation of the Las Bambas mine wireless network to provide critical communications with the production fleet. Deployment of the 3D-P Intelligent EndPoints™ and Rajant technology is expected to meet Las Bambas needs well into the future” said Evan Hansen, CEO of 3D-P.

3D-P Leader in Wireless Mining Communications

This new contract confirms 3D-P's position as the leader in Wireless Mining Communications.

Focusing on mining since 1996, 3D-P offers a unique solution in the market place by filling the gap between the third party applications, enabling their sharing across the wireless network as well as offering reliable wireless network design, installation, optimization and support. 3D-P technology solutions are easy to use, vendor agnostic, allow the customer direct access to their valuable data, and are designed around an open architecture that allows the sharing of onboard resources, minimizing technology clutter. The Intelligent Endpoint™ product line, along with its enabling features such as the integration solutions of the iep-suite of interfacing tools, application hosting capability and ongoing network performance monitoring, provide the mining customer the onboard application capability they desire.

Whether the speed of 802.11n, the security of private LTE cellular, or the flexibility of infrastructure and client meshing is required, 3D-P has the solution.

Its reliability, flexibility and custom solutions explain why over 80 surface mines worldwide have adopted the 3D-P solution.

A Successful Partnership

In November 2014, 3D-P became a Rajant Kinetic Mesh Solution Partner for mining, allowing the company to apply its extensive knowledge of outdoor wireless mesh networking to the deployment of Rajant technology globally.

Rajant Corporation is the exclusive provider of private wireless networks powered by patented Kinetic Mesh technology, BreadCrumb™ network nodes, and InstaMesh™ networking software. With Rajant, customers can rapidly deploy a highly adaptable and scalable network that leverages the power of real-time data to deliver on-demand, critical business intelligence from the field. Rajant BreadCrumbs can seamlessly integrate with any Wi-Fi or Ethernet-connected device to deliver low-latency, high-throughput data, voice and video applications across the meshed, self-healing network. With the ability to take private network

applications and data everywhere, Rajant networks are used across a broad array of industries, including military, industrial, transportation, utilities, telecommunications, and all levels of governments. For more information, visit www.rajant.com.

If you would like more information on the 3D-P range of solutions, please call +1.403.203.3018 (Americas), 1800 210 655 (Australia) or visit <http://www.3d-p.com>.