



3D-P announces release of 300Mbps 802.11n Network to the Mining Community

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3D-P, a leading provider of technology products for the mining industry, is pleased to announce the introduction of the Motorola 7181 802.11n Meshing Access Point to the mining industry. When coupled with the powerful Intelligent Endpoint product line, customers can now utilize the high throughput of 802.11n. Existing customers can combine this new technology with their existing MotoMesh fleet, providing an immediate upgrade path that takes advantage of both the high throughput of the 7181 and the high reliability of MotoMesh.

The AP 7181 is a high performance, multi-radio 802.11n access point featuring superior network capacity, a data rate of 300 Mbps and Motorola's exclusive intelligent ADEPT (ADvanced Element Panel Technology) antenna system. The ADEPT system, allows the AP 7181 to achieve maximum data rates by delivering a reliable dual data stream in an outdoor environment. Leveraging multiple transmit and receive RF chains, and dual polarized antennas, the AP 7181 achieves outstanding mesh throughput and range throughout a coverage area.

Developed specifically for mining and heavy industrial use, Intelligent Endpoints are robust networking and computing platforms that provide seamless connectivity, even with on-machine applications not designed for modern networks. Intelligent Endpoints are based on open standards and are designed to integrate seamlessly with multiple systems including, dispatch systems, machine health systems, high-precision GPS, slope monitoring, dewatering, video cameras, safety and security systems, etc. Intelligent Endpoints provide a common platform that can be used to provide connectivity to new systems and old, providing uninterrupted, reliable communications for all of your mine technology assets.

3D-P is currently deploying 802.11n in two models. First is dual radio path, specifically for customers who already have an existing MotoMesh fleet and require higher throughput, but wish to maintain the high availability of MotoMesh. The second model is an 802.11 only network, providing excellent throughput throughout the entire mine area, even at relatively long distances of over two miles.

Ron White, VP of Technology for 3D-P states: "The addition of the 7181 and our 802.11a/b/g/n Intelligent Endpoints allows 3D-P the flexibility of not only providing high throughput 802.11 networks to our customers, but also gives us an affordable upgrade path for our existing customers who require additional throughput for today's demanding applications. Additionally, the Intelligent Endpoint has truly become a network agnostic onboard application management platform, allowing our customers full control of their data starting right at the machine. **Customers can now use the powerful and rugged Intelligent Endpoint product line to access and manage their data over a Motorola®, Cisco®, or any other 802.11 network.**"

Contact your 3D-P Account Manager at 800-955-9337 for additional information.