

SRD INNOVATIONS | hyMesh™

High Speed Wi-Fi ❄ Mesh Flexibility ❄ Real Time Data



➤ Simple

Connect cable, watch LEDs, next station

➤ Fast

High speed Wi-Fi transports status & data

➤ Robust

Aluminum & PVC enclosure protects unit

➤ Flexible

Mesh configures and maintains itself

hyMesh™ is a breakthrough technology that offers a high-speed, high-bandwidth mesh network solution enabling real-time wireless transmission of the full seismic reflection records, as well as status (e.g. system health, noise levels, etc.) from all deployed ground boxes with virtually no delay. It is a system easily deployed in a wide variety of environments, and in difficult terrain where other systems will fail.

hyMesh™ is currently available with the Sigma system. Real-time wireless transmission is enabled by plugging an SRD unit into the Ethernet port of each Sigma ground box. Up to three single-channel geophones (or a single 3-component unit) can be connected to a Sigma box which records and stores the data collected from the geophones onto its internal memory. The stored data can then be read by the SRD unit and transmitted to the doghouse in real-time.