

HYPERQ™

HyperQ enables Quantum nodes to communicate wirelessly to a central location and send operational status of the unit. The communication is done periodically providing node QC to enhance operational and geophysical project outcome. HyperQ is based on wireless technology that allows low power, long range radio QC between a central location and nodes offering a possible range of several kilometers.



QUANTUM® NODE COMMUNICATION

- HyperQ reduces crew exposure to field conditions and HSE risk while the operation remains under constant surveillance
- Minimal impact on node power consumption allowing a long battery life even when HyperQ is employed
- HyperQ operates on unlicensed bands that do not require special permits for operations



LONG-RANGE QC COMMUNICATION

- Message sent from nodes to Gateway to a HyperQ server
- Gateways are adaptable to mobile or fixed in-field platforms - drones, vehicles, masts or others
- HyperQ server communications with iX1 platform for central visualization
- Provides live Quantum status information, such as:
 - Position
 - Noise
 - Battery
 - Memory
 - Node self-test results: Gain, EIN, Dynamic range, Tilt, Resistance

