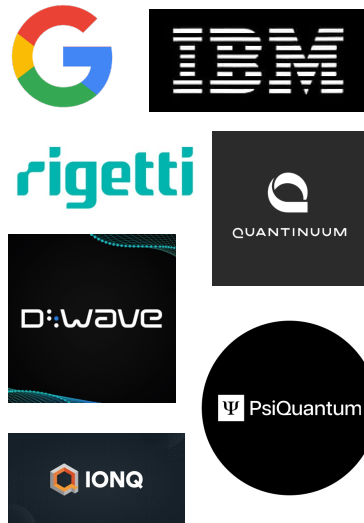# Competitive Landscape

120+ Hardware Companies

200+ Software Companies

50+ Communications Companies

Quantasphere is _differentiated_ because we work with Quantum Repeater based networks using classical encryption algorithms, which allows us to _immediately deploy our network systems_.

Competitive Landscape

Feature	Competitors (ID Quantique, Speqtral, etc.)	Our Technology
Network Type	Classical networks	Repeater-based quantum network
Key Distribution	QKD with keys transmitted on classical networks	Classical PQC algorithms with keys distributed via quantum network
Error Handling	Standard error correction	Entanglement purification increasing transmission fidelity
Integration	Primarily quantum-focused solutions	Hybrid approach allowing flexibility between classical and quantum systems
Implementation	Requires quantum infrastructure	Works with existing systems immediately
Security Basis	Mathematical complexity	Laws of physics (quantum entanglement)