SWIFT®-LINQ

Intelligent Crosslinks Network Designed for SmallSats

Applications
- Extended communication range via multiple nodes over the horizon
- Shares data between nodes without ground contact
- Longer ground station contact window from multiple nodes
- Redundancy for data systems without ground contact

Physical Capabilities
- Wireless Mesh Network
- TDMA Solution
- SWIFT platform can support 2-25 nodes
- SWIFT-HB Platform can support 2-255 nodes
- Manages RF contention between nodes
- Ad-hoc network formation dynamically managed

Network Compatibility
- Built on TRL9 flight tested SWIFT radios
- Communicates via IP addressing
- Direct Ethernet support for TCP (guaranteed)
- Library support for UDP over SHDLC or serial (best delivery)
- Full-duplex data communication
- AES OTA encryption

Available 2020

Tethers Unlimited, Inc.
11711 N. Creek Pkwy S., D113, Bothell WA 98011
425-486-0100  info@tethers.com  www.tethers.com