SOLUTION FEATURES

FAST

Description	
Operating Frequencies	
4.4 - 4.9 GHz Support	14.5 dBi Gain
5.4 - 5.7 GHz Support	16.3 dBi Gain
5.6 - 5.9 GHz Support	16.5 dBi Gain
Radio Support	
Agnostic Radio Platform	FAST solution allows for radios from multiple manufacturers
MIMO Configuration Compatibility	Suitable for dual vertical and horiztonal beams
Point-to-Point (PTP) Ready	Capable of providing one-to-one communications at max gain
Point-to-Multipoint (PMP) Ready	Capable of providing one-to-many communications at 6 dBi gain
Suitable for Licensed Frequencies	Solutions available for NATO band of licensed frequencies
Targeting (Nomadic Operation)	
Quality of Signal (QoS) Auto-Acquire Targeting	System utilizes RSSI based signal information to target communications points
GPS Link Acquisition*	System utilizes GPS based signal information to target communications points
Advanced Link Optimization	System utilizes RSSI based signal information to optimize link connection for peak efficiency
Base Station Network Auto-Acquire	System utilizes intelligent targeting lists to establish and main connectivity within a target group
Self-healing Network Node	System utilizes intelligent recovery algorithms to re-establish interrupted communications
Environmental Yaw Compensation	Compensation in mobile environments of up to 230* a second
Targeting (Mobile Operation)	
QoS Tracking (RF, SNR, etc.)	System utilizes RSSI based signal information to target and track communications points
GPS Tracking*	System utilizes GPS based signal information to target and track communications points
Mounting Yaw Compensation	System compensates for non-ideal placement. Will configure its settings to overcome potential mounting-related blockages.
Environmental Yaw Compensation	System compensates for placement on-board mobile vehicle or vessel through gyroscopic monitoring
PTP Communications on the Move (COTM)	System designed for nomadic operation with both fixed and mobile assets
Multiple Moving Asset COTM	System designed to target and track network links throughout movementt

* Requires the use of NMEA 0183 GPS Heading Source