

BECAUSE NOTHING ABOUT OUR WORLD IS SLOW



CONNECT QUICKLY WITH BATS

Utilizing the power of Line-of-Sight (LoS) microwave links, a BATS FAST aiming and tracking system is able to locate, lock, auto-align and track wireless signals without the latency or increased cost of satellite. Offering gigabit speeds of connectivity, a BATS system provides a more stable and reliable high-capacity signal and is perfect for highly mobile environments where only minimal space is available. A BATS FAST system represents a flexible solution for anyone looking for stable, reliable and fast Line-of-Sight (LoS) communications.

B R O A D B A N D A N T E N N A E

T R A C K I N G S Y S T E M S



B

A

T

S

F

A

S

T

S

Y

S

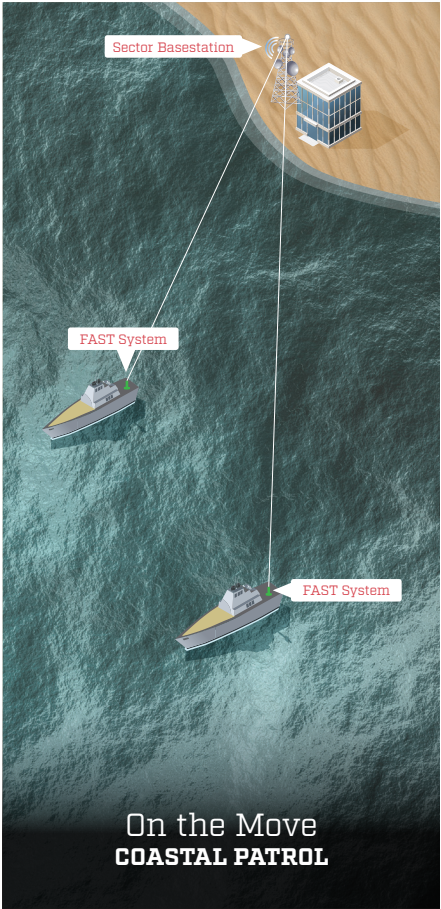
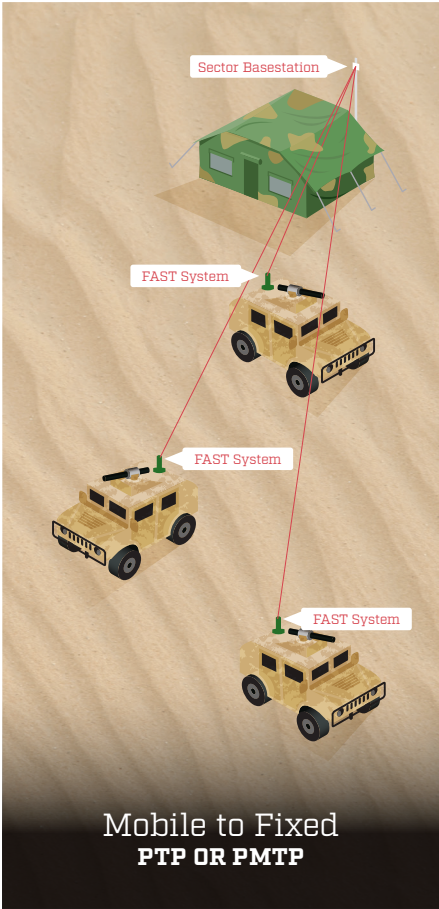
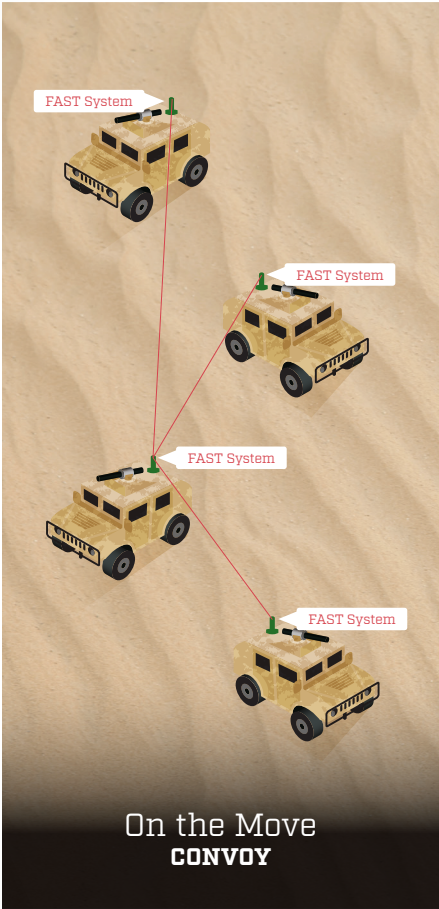
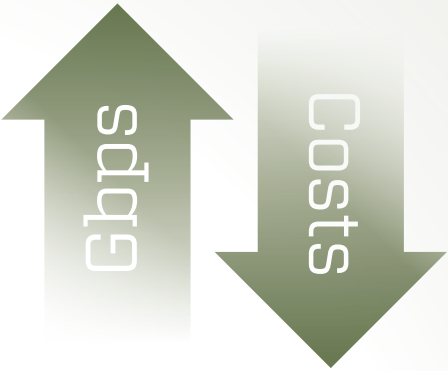
T

E

M

S

The FAST system provides faster link acquisition, and enhanced link stabilization, as well as optimization capabilities. This reduces the need for technical resources to perform antenna alignment and allows the gains of a directional antenna with the flexibility and mobility of an omni-directional antenna.



PRODUCT SPECIFICATIONS:

PHYSICAL DIMENSIONS	WEIGHT	ENVIRONMENTAL	OPERATING TEMPERATURE	FREQUENCY VARIANTS	POWER	POLARIZATION	AZIMUTH COVERAGE
165mm (W) x 712mm (H)	14 lbs.	Standardized to IP-66	-30° to 55°C	4.4 - 5.0 GHz / 5.6 - 5.9 GHz	48VDC PoE / 7.5W Nominal	Dual (Vertical & Horizontal Polarization Available)	360° Cylindrical / Integrated Azimuth Stabilization
AZIMUTH BEAM POSITIONS	SIDELobe ATTENUATION	BACKLOBE ATTENUATION	OMNI MODE / OMNI GAIN	ANTENNA	TESTING SPECIFICATIONS	PEAK ANTENNA GAIN	
24 / <500ns Beam-to-Beam Switch Time	>18dB (Typical)	>20dB (Typical)	7.5dBi Typical	Passive / 50 Ohms / VSWR 2:1 Typical (2.2:1 Max)	MIL-STD 810G Method 514.6; Procedure I Category 20 - Ground Vehicles, Ground Mobile / MIL-STD 810G Method 516.6; Procedure IV	FAST 44 - 14.5dBi / FAST 58 - 16.3dBi	

Other frequency ranges are available upon request



FAST
Solid State Automated Aiming & Tracking Antenna System