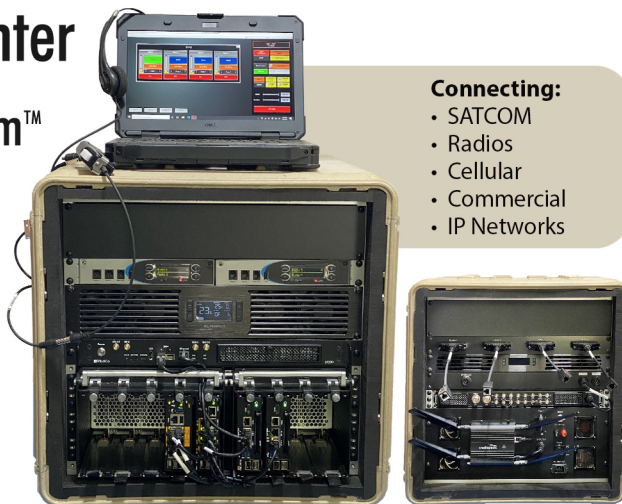# SIGNAL FUSION PLATFORM™

COMMUNICATION DOMINANCE
for the Connected Warfighter

Introducing Signal Fusion Platform™

Signal Fusion Platform (SFP™) is a next-generation strategic communications platform that creates a secure internet protocol tactical gateway between disparate communications networks, digital and analog radios, and data networks. SFP™ enables portable voice and data communications between U.S. and partner nations.

PORTABLE —║║║— TACTICAL —║║║— SECURE

Connecting:
- SATCOM
- Radios
- Cellular
- Commercial
- IP Networks

FEATURES

Able to provide NSA CSfC-approved:
- red/gray/black connectivity without Type 1 encryptors
- mobile phone connectivity up to the TS level with remote-wipe option

Interoperates between dissimilar networks
Enables seamless operations regardless of radio waveform or encryption keys

Securely integrates LMR, tactical comms, SATCOM, cellular, LTE, and Wi-Fi signal forms

Provides Beyond-Line-of-Site communications

Compatible with KML and Cursor on-target formats
Interfaces with any Common Operating Picture solution that accepts KML file or Cursor on-target formats

SCI TOCNET module allows remote control of tactical radios

NSA- and DISA-Approved Components
System hardware and software are on the approved product list for NSA and DISA; most are JITC approved.

SFP™ uses DISA/NSA Secure Host Baseline images for Windows Server 2016 and Windows 10 operating systems and maintains all current STIGs, including NSA CSfC.

Combat Ready
MIL-STD-810G components are designed to meet world-wide combat deployments. Also available in 3U VPX.

Versatile Power Supply
The power supply is compatible with a variety of power sources, including 110/240 AC, 50/60 Hz, and 12-34 VDC.

SF200	Software Defined Radio (4-Radio Module)	10 MHz to 6 GHz continuous. Four independent waveforms on same radio module. CMOS Redhawk ready. Compatible with Harris, Thales, ICOM, Sunair, Codan, etc. >100 radios with digital formats, such as APCO, DFSI, and CSSI
SF500	SFP™ Light Platform	Secure, portable, VoIP-compatible (Cisco UCM, CME, WAVE, WIN-T, H.323, SIP). Integrated LMR networks. Four analog E&M channels with PTT. Interoperable with TSM, LTE, Iridium Next, MANET, and TOCNET
SF-D006	CSfC Secure (Red/Gray/Black) Wireless Command System	Commercial Solutions for Classified (CSfC) secure (Red/Gray/Black) Wireless Command System
SF-D007	Assured PNT Integrated Rack Base System	NTP/PTP precise time transfer over Ethernet. Low-phase noise 10 MHz frequency distribution. Configurable pulse signals, including IRIG. Have Quick timecodes, serial-link Time-of-Day messages
SF-D008	Assured PNT Integrated Tactical Vehicle Base System (Ruggedized)	High-performance GPS master clock and network time server
SF-D009	Laser Communications	Point to multi-point laser communications. 100 GBps up to 30 km
SF-D010	SFP™ LEX11 Edge Device	Multi-domain secure edge device
SF-D011	FOB Tactical Wi-Fi/Mesh Module	Forward Operating Base fixed Wi-Fi/mesh radio system
SF-D012	Blockchain Module	Blockchain tactical system
SF-D013	Secure Wi-Fi Module	Secure mobile Wi-Fi system
SF1000-W	WAVE Module	WAVE system for use on 3G, 4G, LTE, Wi-Fi, and private networks. AES-256 encrypted. Compatible with WAVE Mobile Communicator
Accessories		
SF1000-K2	Tactical Antenna Mast Kit	Portable antenna mast platform
SF1000-K3	Mobile Antenna Kit (Vehicle)	Adapters for remote mounting of system antennas

■■TribalCo®
Signal Fusion Platform ║║║™

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