Fly Away Communications Terminal (FACT)

Ruggedized Multi-Path: The FACT can provide the most reliable and efficient resources for establishing essential communication to remotely deployed end users. It can connect to unclassified and classified resources over existing commercial infrastructure. The FACT does not need dedicated communications personnel and operators. FACT also adds significant complexity to any adversary non-kinetic targeting or SIGINT collection as data streams flow over multiple carriers and are not aggregated until they reach the cloud-based concentrator.

Service Design and Operations

Our solution integrates the components for establishing essential communication to remotely deployed end users by utilizing a communications link aggregation device to intelligently bind multiple Wide Area Network (WAN) paths.

This decreases the risk of single-link outage impacts, providing high availability and some level of fault tolerance of communications to deployed unit users. The automatic binding and reconfiguration of multiple transport-level communication paths increase the total throughput available for the FACT beyond what any single link can on its own.

Item Guide

Unclassified/Transport Router/Switch Module PacStar 441

KG-250XS

Two Batteries

Classified Router/Switch Module PacStar 441

Dejero Gateway 211F

VOIP Phone

Key Features

The small form factor (SFF) design of the FACT provides transport of the solution via any means, allowing simplified setup, operation, and tear down.

- Dejero Ruggedized 211F Gateway-3x 3G/4G/LTE with GPS
- Stay connected using Dejero's patented Smart Blended Technology
- 2 PacStar 441 modules (router/switch), based on Cisco ESR5915 routing/switching module with 5 ports
- GFE Inline Network Encryptor
- 2 PRC-148 radio batteries-high capacity 70 watt-hours
- Batteries provide 4 hours of run time foKG and PacStar modules
- Entire FACT kit under 25 lbs

Support

Training includes setup, management via Enhanced Control, performance monitoring and integration of new links. Our training team will also provide training materials, wiring diagrams, and contact information.

Future Support

- Manage data plans (GB rate)
- Manage annual subscriptions of software licenses
- Customized each FACT for its intended operating location
- Establish priority data agreements with CONUS and OCONUS commercial carriers to avoid data throttling/performance inhibitors

Interested in our tailored suite of services?
Email deployablecommunications@govcio.com

Scan the QR code to learn more, or visit govcio.com