



## About TSG

Tactical Solutions Group provides an array of integrated systems that facilitate secure, real-time, and interoperable communications across different operational domains. These platforms are designed to support critical sectors such as government, military, financial, public utilities and the mining industry, where seamless coordination, security, and reliability are paramount.

# Sentra Secure

## Digital Communications Platform

**Sovereign, mission-focused, and post-quantum ready secure communications for the most demanding environments**

**Sentra Secure** is a security-centric operational communications platform designed to support resilient, sovereign, and mission-focused communications environments. Through closed-loop architecture, controlled cryptographic management, post-quantum readiness, and optional Safe Haven communications channels, Sentra Secure provides organizations with a secure operational ecosystem capable of supporting defense, critical infrastructure, public safety, and high-security enterprise operations.

Unlike commercial messaging applications that rely on public cloud infrastructure, **Sentra Secure** operates within a controlled closed-loop environment, significantly reducing exposure to metadata harvesting, third-party interception, and public cloud vulnerabilities. The platform supports offline and low-bandwidth operations, making it ideal for **tactical edge operations, remote field deployments, and denied-environment communications.**

### ■ NATO RESTRICTED-LEVEL SECURITY

Sentra Secure is positioned to support operational environments requiring security handling consistent with **NATO RESTRICTED-level** security handling requirements and coalition operational security practices.



# 50

## YEARS SOLVING

INTEGRATION AND INTEROPERABILITY  
CHALLENGES

# Sentra Secure Feature Offerings

## CORE ARCHITECTURE FEATURES

- Closed-loop secure communications architecture
- No public cloud infrastructure or third-party routing
- Controlled cryptographic management
- Private key distribution models
- Device-based trust validation
- Segmented identity management and controlled onboarding

## SECURITY & ENCRYPTION FEATURES

- Post-Quantum Cryptography (PQC) integration roadmap
- Quantum-resistant cryptographic algorithms
- Hybrid cryptographic environments supported
- Reduced digital footprint and metadata exposure
- Secure file and media handling
- Optional compartmentalization and geofencing
- **NATO RESTRICTED-level security handling concepts**

## Additional Features

- Offline and low-bandwidth operational capability
- Tacical edge and expeditionary deployments Interoperability with radio gateways and tactical comms
- Optional Safe Haven emergency communications channel
- Layered communications architecture support
- Continuity-of-operations (COOP) and COG support

## DEPLOYMENT & PRICING OPTIONS

- On-premises, private cloud, or sovereign server hosting
- Air-gapped and hybrid architectures supported
- Portable expeditionary deployments
- Domestic or foreign hosting options
- White-label and custom deployment configurations
- End user and administrator training provided

321-218-4670 (Corporate) | 786-890-5840 (Sales)  
projects@tacticalsolutionsgrp.com

***Sovereign, mission-focused, and post-quantum ready  
secure communications for the most demanding  
environments***

760 North Drive, Ste. B  
Melbourne, FL 32934