



**TACTICAL**  
SOLUTIONS GROUP  
SEMPER PARATUS

## 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.



# BEACON

## Secure Communications and Messaging

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Providing closed-end application for the next generation of communications

**BEACON** is a secure message application like WhatsApp, Signal or Telegram with some key differences. **BEACON** is completely closed-ended. Only YOUR System Administrator can add users to the network. And **BEACON** has a huge number of programmable secure feature options like encrypted file transfer, live event reporting, secure messaging, secure voice, message broadcasting, screenshot protection, secure conferencing, closed contacts, metadata management, local server or hosted service ALL TO ENSURE **real-time collaboration, security, and efficiency.**

**50 YEARS**  
**SOLVING**  
INTEGRATION AND  
INTEROPERABILITY  
CHALLENGES



## BEACON Feature Offerings

### BASELINE APPLICATION FEATURES

- Secure 1-to-1 Messaging and Group Chat
- Secure Voice Calls and Conference Calls
- Operates seamlessly on any global network
- Messaging Broadcasting
- Each transmission uses end-to-end 256-bit AES encryption
- Transport layer uses TLS v1.3 and 2048-bit RSA

### PORTAL MANAGEMENT FEATURES

- Closed Groups - Trusted users only
- Dashboard Overview
- Data Retention Flexibility
- Group Security Policies and Management
- Cloud Hosted or On-premises

### EXTRA FEATURES

- Customizable Event Reporting
- Copy & Paste Restrictions
- Screenshot Protection
- Download Restrictions
- Retention Policies
- Auto-Burn Options
- Duress PIN

### ENCRYPTION FEATURES

- Baseline encryption of all messages & data is at minimum 256-bit AES encryption
- Transport layer encryption using TLS v1.3 and 2048-bit RSA
- Voice calls secured with multi-layered ephemeral keys over DTLS

### DEPLOYMENT AND PRICING OPTIONS

- BEACON offers end user licenses based upon the number of users
- Can price on-premises deployment
- Offer white-label options
- Custom event reporting or white label features
- Advanced integrations with internal systems
- End user and Administrator training