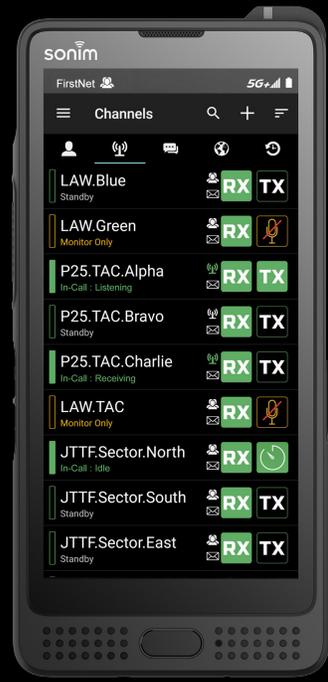# ESChat®
Government Solutions
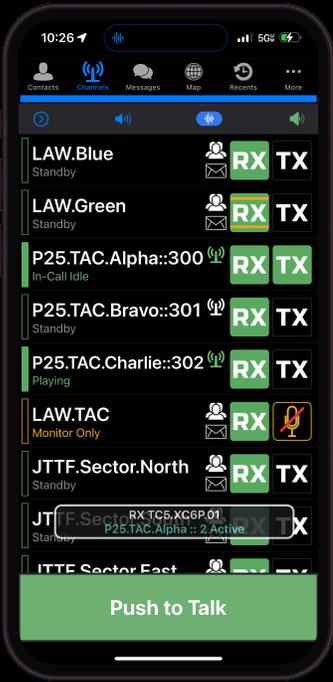
Mission Critical Push-to-Talk

FedRAMP® Authorized • DISA Approved • FirstNet Certified™

Used by the U.S. military, federal, state and local agencies, **ESChat is the mission critical Push-to-Talk solution of choice for first responders.** ESChat can operate as a standalone broadband solution, or it can be integrated with any Land Mobile Radio (LMR), Logging Recorder, Dispatch or CAD solution.

- Wireline LMR Interoperability
  - ISSI (TIA-102) for P25 Networks
  - AIS (ETSI) for DMR Networks
- KMF (TIA-102) OTAR Encryption Rekeying
- DFSI, NXIP, SDK, and RoIP LMR Interoperability
- SIPREC Support for 3rd Party Logging Recorders
- Compatible with 3rd Party Dispatch & CAD
- AES-256 Voice & Data Encryption
- Multi-Call Mode
  - Supports Four Simultaneous Calls
- Priority Scan & Priority Talkback Modes

- Multimedia Messaging
- Live Location Tracking & Mapping
- OAuth 2.0 Support for Single-Sign-On (SSO)
- FedRAMP, Private Cloud or On-Premise Hosting
- Satellite Connectivity for SAR at Sea Comms
- Ten Group Types
- Comprehensive Administration Tools
- Instant Private, Adhoc & Group Calling
- Maximum Group Size: 3,000
- Contact List Size: 895 Users
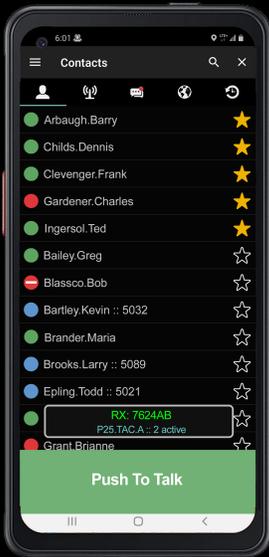- Live Customer Support 24/7/365

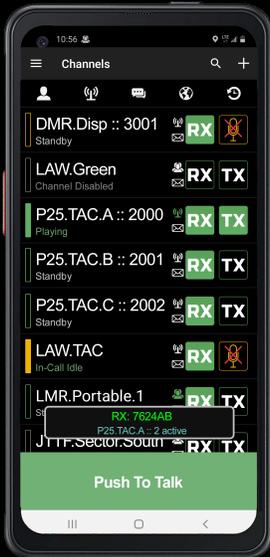**Sonim XP10**　　**iPhone**　　**Siyata SD7 Ultra**　　**VP8000 P25 Radio**
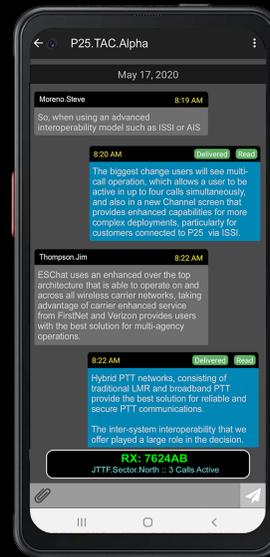
ESChat Client Applications for Android, iOS and Windows PC

Contacts Tab *Channels Tab* *Map Tab* *Message Compose* *Group Messaging*
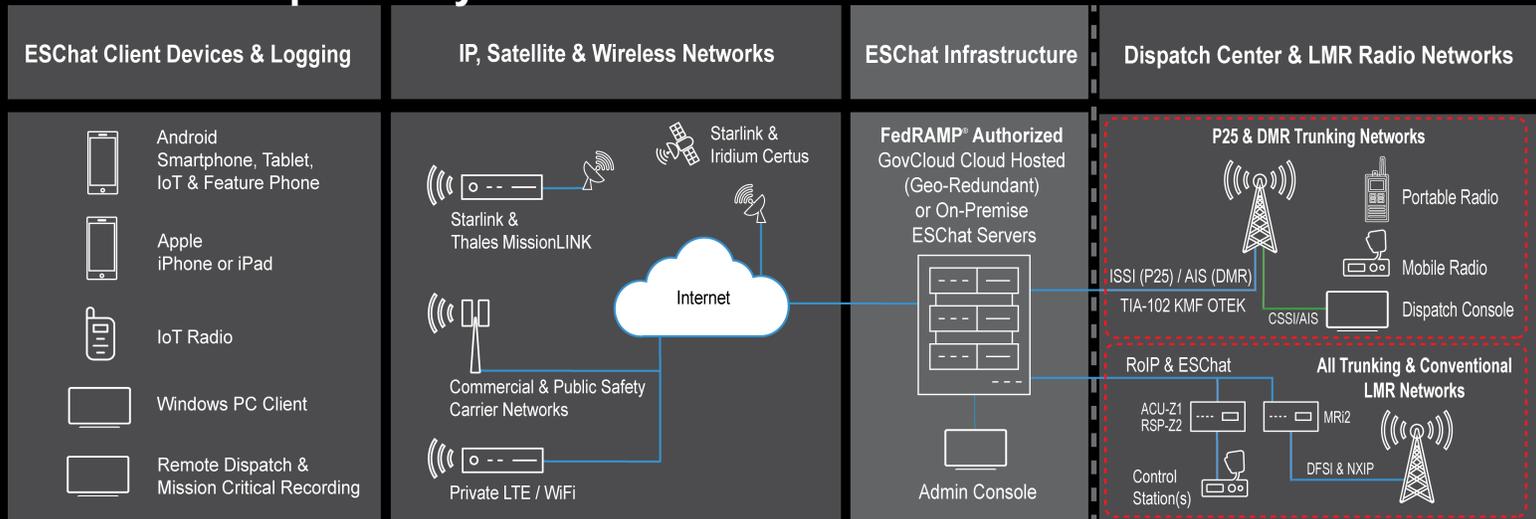

ESChat Interoperability Network

ESChat Client Devices & Logging	IP, Satellite & Wireless Networks	ESChat Infrastructure	Dispatch Center & LMR Radio Networks

ESChat Client Devices & Logging
- Android Smartphone, Tablet, IoT & Feature Phone
- Apple iPhone or iPad
- IoT Radio
- Windows PC Client
- Remote Dispatch & Mission Critical Recording

IP, Satellite & Wireless Networks
- Starlink & Iridium Certus
- Starlink & Thales MissionLINK
- Internet
- Commercial & Public Safety Carrier Networks
- Private LTE / WiFi

ESChat Infrastructure
- FedRAMP® Authorized GovCloud Cloud Hosted (Geo-Redundant) or On-Premise ESChat Servers
- Admin Console

Dispatch Center & LMR Radio Networks
- P25 & DMR Trunking Networks
  - ISSI (P25) / AIS (DMR)
  - TIA-102 KMF OTEK
  - CSSI/AIS
  - Portable Radio
  - Mobile Radio
  - Dispatch Console
- RoIP & ESChat — All Trunking & Conventional LMR Networks
  - ACU-Z1 RSP-Z2
  - MRi2
  - Control Station(s)
  - DFSI & NXIP

ESChat sets the standard for broadband PTT service:

- Wireless Carrier Independent and Cross Carrier Capable
- QPP available today for FirstNet, Verizon, T-Mobile and UScellular Subscribers
- PTT Service with 99.999% Mission Critical Service Availability
- Live and Historical (Bread Crumb) Location Tracking
- Satellite Connectivity via Starlink and the Iridium Certus Network
- P25 Interoperability via ISSI with E2EE via KMF/OTAR
- AIS Integration for DMR Networks
- Complete Platform Management for Customer Administrators
- Easy to use Contact and Group Selection
- Android, iOS, IoT and PC Based Clients Available
- Support for Apple Push-to-Talk Framework
- SDK Partner Program Available

ESChat® Government Solutions