

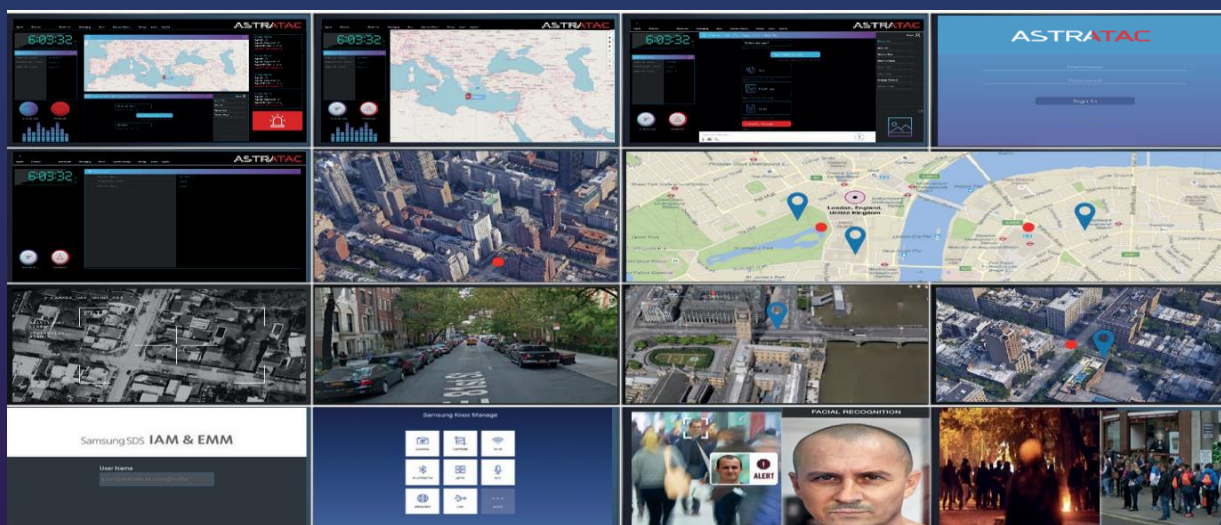
ASTRATAC

ASTRATAC COMMAND AND CONTROL CENTER
ENCRYPTED GROUP COMMUNICATOR



Schedule 84
Contract GS-07F-149HA

- ASTRATAC Command and Control Center is a ground-breaking unified communications platform that instantly creates an “umbrella command” to coordinate emergency and regular incidents, defence, home land security and crisis management teams in less than one second.
- This super-fast new technology is critical in today’s world for emergency management organizations, especially when your agency must work together with other external agencies to confront crisis.
- ASTRATAC will keep teams informed, instructed, and updated instantly.
- ASTRATAC offers “bring your own device” (BYOD) capability for fast and reliable communications in mission critical environments.
- ASTRATAC is the only command and control platform that can be fully operational in less than 4 hours.



ASTRATAC Solutions:

- National & Worldwide communications
- Group PTT & Personal Calls
- Priority Calls
- Emergency Calls with GPS location notification
- Decision Support
- Support for simultaneous multiple geographic information systems
- Support for OSM, Bing, Here Maps, Google and ArcGis
- Detailed street view / Geofencing/Navigation tools
- Dynamic Groups
- Broadcast Group Call
- E2E Encrypted, 4-7 layers of encryption
- Facial Recognition
- Multi-Factor Authentication with Biometrics
- Cyber-Core Module CyberSecurity and simulation



1629 K St. NW Suite 300 Washington DC 20006 (202) 905-2334 | www.moc1solutions.net

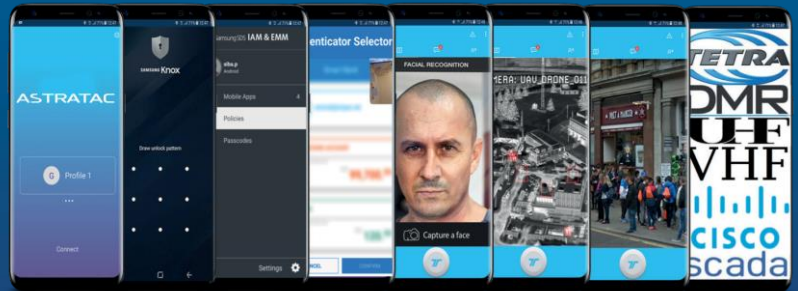
Command & Control Center:

- Maps Module
- Voice Communication facilities
- Chat, File Exchange, Message & Alerts
- Remote Camera control (*Monitor & Record*)
- Remote Voice Recording and Call history
- Off line voice messaging
- Tracking and Geo-Location (*Geo-Fencing*)
- Navigation tools
- DGNA (Direct Group Number Assignment) for emergencies
- Task management – Command and Control functionality

User benefits:

- National & Worldwide coverage
- Voice PTT calls To Group / Command Center /Private
- Chat Module (*Text Messages*)
- Real Time High Resolution Photo Transmission
- Real-Time Video Store and Forward
- File Module (*Attachment and Transmission*)
- Transaction Log (*Calls & Text History*)
- Man-Down Monitor and Alerts
- QR Code Module

- Bridge to existing VHF/UHF tactical or police network
- Live video from external sources
- Live video form Drones /UAVs
- Suspect recognition in real time (*Mobile and Fixed cameras*)
- Remote Device Management
- Multi-Factor Authentication with Biometrics Secure file viewer
- Document Rights Management with Encryption (*manage lifecycle of classified documents*)



- NFC
- Emergency Call
- Remote audio & photo for selective organizations
- Individual Location
- Group Location
- Task Management
- Incident Management
- Emergency Management
- Routine Management

ENCRYPTION /SECURITY

- ENCRYPTED COMMUNICATION
- ECDSA, RSA 2048
- UP TO 7 ENCRYPTION LAYERS
- END TO END TERMINAL ENCRYPTION, 256bits
- SAMSUNG SDS EMM HIGH SECURITY VERSION

- US NIAP /CC
- NSA/CSFC
- FIPS 140-2
- MDP PP 2.0
- TLS 1.2
- UK NCSC GUIDANCE
- KNOX WORKSPACE / LOCAL DEVICE ENCRYPTION

ADD ONS:

- FACE /SUSPECT RECOGNITION
- NEXSIGN FACE / IRIS RECOGNITION
- NEXSIGN VOICE RECOGNITION
- NEXSIGN FINGERPTINT RECOGNITION
- NEXSIGN SECURE FILE VIEWER AND BROWSER
- DRONE INTEGRATION
- INTERSUITE TO EXISTING TETRA/UHF/VHF/CISCO CALL MANAGER NETWORKS
- STAND ALONE MOBILE PRIVATE LTE NETWORK

