



TLC Solutions Inc.
USER FIRST TECHNOLOGY

SAR & PUBLIC SAFETY SECURITY SYSTEM (SPS3)



THE CHALLENGE

When minutes counts, quickly locate survivors in disaster areas who are otherwise unable to communicate, by detecting and activating their cellular devices—even when local cellular networks are down or congested.

THE SOLUTION

TLC's Search and Rescue and Public Safety Security System (SPS3) is built to support rescue teams during emergency operations. The SP3S can save lives by providing first responders a mobile, agile, flexible and field-configurable system that can reduce the time to assist individuals in distress.

The SP3S detects and locates cellphone devices (GSM/UMTS/LTE) carried by missing or affected individuals and can also establish communications and send/receive SMS and IP data for personnel accountability and emergency notification purposes. Furthermore, individual cellular devices can be included or excluded from the SAR network in order to focus on only the devices and individuals that are of interest.

Configuration Options:

- Backpack/portable
- Vehicle/Aircraft Mount
- Rackmount



TLC SOLUTIONS, INC.
PRODUCTS & SERVICES

WIRELESS NETWORKS
SYSTEMS INTEGRATION
PRODUCT DEVELOPMENT
CUSTOM FABRICATION

OTHER PRODUCTS
AVAILABLE

- LTE NETWORK
- GSM NETWORK
- UMTS NETWORK
- EVDO NETWORK
- CMDA NETWORK
- WIMAX NETWORK
- MULTI-STANDARD CORE NETWORK
- ICEBOX
- CHATTERBOX CELLULAR TRAFFIC GENERATORS



WINNER

Social impact – promoting small cells for social/ economic/ environmental development

ABOUT TLC SOLUTIONS, INC.

TLC Solutions is the leader in providing secure wireless network solutions designed specifically for portability, ease-of-use and tactical communications applications across a variety of standards including 2G, 3G, 4G, CDMA, WiMAX, and Radio technologies.

As a small business with expertise in systems integration, RF and network engineering, hardware and software development, and custom fabrication, TLC has been producing cutting-edge communications solutions and providing outstanding support to its customers since its inception in 2003.

For more information on any of our products or services please visit us at: www.toplevelcom.com



TLC Solutions SAR & Public Safety Security System

Based on the customer's operational requirements, the SP3S can be preconfigured to be set-up and operational (backpack, vehicle, aircraft, or rackmounted). Additional custom integration are available.

Backed by TLC Solutions' world-class integration and support services, the SP3S is self-contained and fully supported by our technical staff.

FEATURES AND SPECIFICATIONS

Features :

- Fully Integrated Mobile ID and Location Application Software
- GSM, UMTS, LTE devices coverage, management, and control
- UE location via RSSI, TX beacon, or Cell ID/RTT
- Redirection feature from 3G to 2G and from 4G to 3G/2G.
- Scalable to multiple RF Modules stacking.
- Silent call capabilities using RSSI, RTT, RSCP, and RSPP measurements.
- Easy web GUI view and management of IMSI, IMEI, and other cell ID and measurements values.
- Auto configuration API for GSM, UMTS, and LTE ID Solution.
- Software API
- Fully Software-manageable

Input Power:

- 110-240 VAC 50/60 Hz
- DC Power (optional)

Dimensions & Weight:

- Varies by configuration

Network Interface Options:

- 10/100/1000 Base-T/X
- 802.1Q VLAN Support

Power:

- 9v to 30v
- 13W with RF TX Off (est.)
- 21W with RF TX On (est.)

Environmental:

- Operating Temp: 0°C to 45°C
- Storage Temp: -40°C to 85°C

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