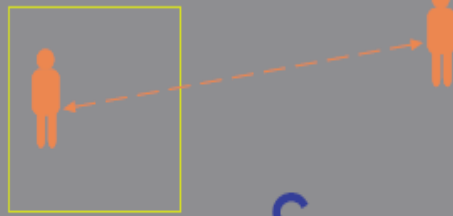


# Total Smartphone Security



## Snapsoft™



Smartphones have become an important productivity tool for mobile professionals. Smartphones, if compromised, can have negative consequences for any enterprise. Smartphones can improve productivity they can be a liability if both voice and data communications are left unprotected. Conventional Smartphones have known vulnerabilities which have been exploited to eavesdrop on the voice communications channel as well as intercepting data transmissions such as emails, text messages and unsecured VPN connections. Another major vulnerability is the ability to extract proprietary information such as password, pins and contact lists from a device which has been lost or stolen.

Snap Defense Systems provides a comprehensive solution that provides an organization with the ability to communicate securely, send secure messages and protect data in the event the device is lost or stolen.

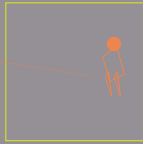
## SNAPSOFT

Snapsoft is a software solution for securing voice and data security communications that use GSM, CDMA and Wi-Fi networks. Snapsoft is transparent and compatible with Commercial Off-the-Shelf (COTS) Smartphones, such as HTC, Palm, I-Mate, Siemens and other devices. Because it is compatible with COTS devices it can be downloaded into the device from a PC. This eliminates the need for a hardware dongle or an expensive proprietary handset. Using high performance encryption libraries the Snapsoft software is built on security standards approved by the U.S. National Institute of Standards and Technology (NIST).

Snapsoft's uses advanced battery-saving technology which minimizes the impact on batteries while providing a high performance solution that delivers high quality encrypted voice communications. Snapsoft offers secure data connectivity (data in motion) for popular forms of messaging including SMS, MMS, file transfer and chat. Snapsoft is compatible with Smartphones and PDA's using operating systems such as Windows Mobile. Snapsoft software licenses are available in Circuit Switch Data or IP version. This allows you to have backward compatibility with legacy networks as well as the ability to connect to broadband networks on your Smartphone. Symbian, Blackberry and Linux based versions coming soon.

## KEY BENEFITS

- Highest Security Certification (FIPS 140-2 level 2)
- Complete voice and data security solution
- Compatible with GSM, CDMA and SATCOM networks
- Battery saving technology
- User modes: Peer-to-Peer and Peer-to-Secure network



## SNAPSOFT FEATURES

- USER FRIENDLY INTERFACE
- MULTI-USER GROUP AUTHENTICATION
- DTMF OVER SECURE CHANNEL
- REMOTE UPDATE AND MAINTENANCE
- AUDIO AND VISUAL NOTIFICATIONS OF SECURITY LEVEL
- CONTACT LIST COMPATIBLE
- AUTHENTICATION AND ACCESS CONTROL
- DATA SECURITY (SMS, CHAT, FILE, TRANSFER)
- TOLL QUALITY SECURE VOICE

## Snap Defense Enterprise upgrade: SnapFence

One size does not fit all. Users with additional requirements such as securing infrastructure, event-logging and other advanced management capabilities can use the Snapsoft software in conjunction with our value-added, managed, secure netcentric solution - SnapFence. This upgrade utilizes a centralized security gateway which allows an organization to enforce, manage and remotely control all end-user security policies no matter where the end-user is located. The security gateway also utilizes military-type switching technology for routing and encrypting voice communications. The centralized security gateway also reduces the management and administrative tasks of tracking, issuing and maintaining all deployed software licenses and Smartphones. This upgrade also permits an organization to secure communications between Snapsoft users and landline communications using advanced multi-peer technology.

## TECHNICAL SPECIFICATIONS

Operating Systems	Windows Mobile: up to 6.5 Symbian: coming soon Blackberry: coming soon
Memory Requirements	1.5M Storage, 0.5M Storage Code
Encryption	AES 256-Bit, Suite B
	Diffie-Hellman 1024/2048 Bit key Elliptic Curve Diffie-Helman 521 Bit key
Voice Codecs	G.723.1, G.729a
Security Certification	NIST, FIPS 140-2 Level 2
Authentication	SHA-1, SHA-256, SHA-512, 2-Factor SD card
Secure Voice Connectivity	IP version: 3G/UMTS/EDGE/Wi-Fi/EVDO CSD version: GSM Asynchronous Data

## OPTIONS

- External Key Mangement Tool kit
- Secure Push-to-Talk Server
- Enterprise user controls with Snaptrunk server
- Secure Conferencing with Snaptrunk server
- Advanced interoperability with SIP and PSTN phones
- Portable Mini GSM/CDMA system-in-a-box.



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