

SnapFone



Snapfone is a compact encryption termination unit capable of securing voice and fax communications across public and private communication networks. Snapfone uses cutting edge technology to ensure the highest levels of security with minimal voice latency and a completely transparent and seamless user experience.

Snapfone works with commercially available off-the-shelf (COTS) telephone and fax equipment, using industry connections, enabling users to ensure the confidentiality of their telephone and fax conversations, whether business or private, in the office/home and while traveling.

The Snapfone device can be configured to work in conjunction with the corporate PABX , completely transparent to the end user. The Snapfone can be programmed with a predefined a list of telephone numbers or prefixes to which all calls originating from within the organization must be secured. Thus whenever a user dials any of the predefined numbers, the Snapfone will create a secure call between both parties.

Key Benefits

- Secure voice and fax communications across public and private networks
- Highest levels of security (FIPS 140-2 level 2)
- Minimal voice latency
- Transparent and seamless user experience.
- Support for Snapshield's patented point-to-multipoint technology
- Works with COTS telephone and fax equipment
- Used on a standalone basis, or as part of managed secured network solution
- Advanced management features
- Remote update and maintenance capability

Snapfone Features

- High level encryption process, supporting unique session keys (FIPS 140-2 Level 2)
- List of up to 100 prefixes and telephone numbers
- Supports standard analog phones
- Authentication and access control capabilities.
- DTMF controlled.
- Supports 1 second round trip delay.
- Configurable for Automatic Security Start
- Audio and visual notification of security level
- Automatic bypass during power failure
- Software upgradeable
- Caller ID (optional)
- External key Management tool (optional)
- Multi user Group Authentication using SHA-1
- DTMF over secure channel

Technical Specifications

Media Encryption	3 DES 192-bit key
Key agreement algorithm	Diffie-Hellman 1024-bit key
Voice Compression	G.729A
Fax Support	GROUP 3, T-30
Phone Connectors	Standard RJ-11
RS232 Connectors	Standard RJ-11
Power Supply	110/220 VAC (60/50 Hz)
Power Consumption	3.5 w
Dimensions	150 mmX 45 mm X 90 mm; 5.9 in. x 1.77 in. x 3.54 in.
Weight	400 gr. (unit only)
Temperatures (Indoors)	Operation 0 to +60°C; Storage -20 to +70°C



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