



SASERATALK SECURE



COMMUNICATE SAFELY
WITH YOUR MOBILE DEVICE

SaseraTalk Secure

SaseraTalk Secure is a mobile communication solution combining multiple services such as telephony, instant messaging and SMS with sophisticated security mechanisms to protect your organization's sensitive and classified information. SaseraTalk Secure transforms public networks and standard terminals into highly secure communication channels.

Targeted to enterprises and corporations of any size, SaseraTalk Secure protects your assets by keeping your communications secure and private. Your employees and key executives will be able to speak and exchange data with confidence, anywhere and anytime.

Due to the massive introduction of smartphone terminals and the increasing mobility habits adopted in most professional fields, the need for confidential and reliable communication solutions is becoming essential for all private organizations.

Information leakage and industrial espionage can severely damage the reputation of any corporation and be extremely costly. Cellular networks like GSM can be easily hacked using cheap equipment and publicly available methods, same as internet connections. However, professionals and key executives continue calling and sending messages using their mobile devices considering it is safe.

SaseraTalk Secure is our response to those threats, providing a cost-effective solution that delivers high voice quality in mobile data networks and it is deployable independently of mobile operators. The product is compatible with a great variety of smartphones available in the market and it is suitable for a multitude of networks like EDGE, UMTS or Wi-Fi. An intuitive and friendly user interface hides the complexity of the security aspects of the product from the end user. Using the data channel also helps organizations to simultaneously optimize their communication costs.

Feature list

The following functionalities are available within SaseraTalk Secure

- Secure voice calls (VoIP)
- Secure conference calls
- Secure Chat/IM
- Secure SMS
- Secure group communication
- Secure file transfer (videos, pictures, audio messages and documents)
- Centralized contact, device and user management
- Call recording with user indication (enabled only on customer request)
- Protected local storage for user data
- Presence information
- Auto-destruction of messages
- Link quality indicator during calls
- Mute and loudspeaker call features
- Contact authorization control
- Cross platform, available for iPhone, Android and Blackberry
- Collection of statistics and CDRs
- Suitable for any IP access network

Security architecture

Security is applied to the communication between all components as well to the information exchanged end-to-end.

- Double layer security for extra protection
- End-to-End encryption
- Fully deployable on customer premises without any third party access
- Available as a SaaS solution hosted in the **Swiss Fort Knox** data centre
- Scalable and modular architecture
- Key Agreement: Ephemeral Diffie-Hellman (EDH)
- Encryption cipher: AES 256
- Hashing algorithm: SHA-2
- Support for Hardware Security Modules (HSM) through a PKCS#11 interface
- Keys are negotiated per call and destroyed afterwards
- Protection against replay attacks and dictionary attacks
- Protection against Man-In-The-Middle (MITM) attacks
- Hardened mobile devices for the strongest security requirements
- Device authorization control for additional user protection

For further information, questions or sales inquiries please contact us:

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