



Cellular phone networks are not secure - take care of your privacy yourself.

etaPhone – Secure Mobile Communication

The Threat

It only takes a standard desktop PC to break the encryption of a GSM call. IMSI catchers – used to intercept GSM calls – have become available and affordable for the general public. Knowing this, if you use your mobile phone for communication on confidential matters, you better take care of your security yourself.

The Solution

etaPhone is the voice encryption software for your iPhone or PDA. Together with other etaPhones it enables end-to-end security - no matter which networks your call has to traverse until it reaches your communication partner.

The Infrastructure

etaPhones connect to a central etaCarina secure PBX for call switching and forwarding to corporate telephony networks or landlines. This way, you can make secure calls with your colleagues in the office while traveling abroad. You do not

need to trust the foreign telephone network, as you can trust on etaPhone's patented encryption algorithm.



etaPhone Secure VoIP client on Apple iPhone 4.

Voice over IP etaPhone uses standard Internet telephony technology on standard mobile devices. No special hardware is required.

True Security ZRTP secured, tap-proof end to end encryption using Diffie-Hellman Key Exchange and AES 256.

Intuitive Interface Making a call with etaPhone is as easy as using your standard phone. No hassle

with lengthy SIP addresses, no cryptic security settings: Just dial a number and talk – etaPhone takes care of the security.

Integration Connects to etaCarina secure PBX for secure conferencing, voice box and call switching.

Voice Quality etaPhone adapts to the available network bandwidth.



Contacts Integrates with the system address book on the mobile device and adds presence information for users registered to the same etaCarina.

Missed Call Notification Notification of missed calls – in case the application is not started – via push notification service.

Easy Configuration No configuration required by the end user. All settings are provisioned during initial activation of the application.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)



Ignoring threats isn't security.

Protecting Your Secrets

Reliable, Matter-of-Factly, Discreet

Ethon is a German IT security solution provider. We are focused on encrypted communication and network security.

Who we are ...

It is our attitude to be reliable, straightforward, and discreet. Our results are not high-gloss management reports, but procedures and software provided to solve problems.

... and what we do

In 2005 Ethon started creating etaSuite – a suite of secure, encrypted Voice over IP products. etaSuite includes secure

a PBX, encrypted voice mail, conference servers, and secure mobile clients. Our special focus is the secure and tap-proof transmission of voice communications over unsecure, untrusted networks.

Ethon security consultants support our customers in securing their networks and hardening their IT infrastructure against threats ranging from hacking to physical attacks.

Our forensic team is deployed worldwide in post incident investigation and intelligence.

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