



Have you ever wondered who else is in your conference?

etaConference – Secure Teleconference Server

Target: Conference

Phone conferences are an attractive target for any attacker. While regular, bilateral calls are often characterized by chat, phone conferences tend to be strategic and decision-oriented. Conferences take place at a scheduled time, several people meet to discuss strategies and decisions, research results and future product specifications. This gives attackers a given time window so they don't need to survey a line 24/7. In respect to the potential value of the content of a conference, it makes the risk of getting caught worthwhile. Conferences are only as secure as the least secure connection from any of the participants, thus it is often not advisable to allow participants who are traveling abroad.

Encryption and Access Restrictions

etaConference allows to establish secure conference calls. If desired, all participants need to call in from an encrypted line or trusted network. The etaConference Server takes care of all required cryptography to secure all communication channels.

etaConference uses state-of-the-art AES-256 encryption, which is also used by militaries and secret service agencies all over the world. Currently there exists no known successful attack on this encryption algorithm.

A web interface helps scheduling, inviting people and moderating conferences. Participants are assigned individual one-time PINs for each conference. A PIN is re-usable for the conference it was created for, but it cannot be used by two different callers at the same time.

Secure VoIP Environment

When used with the encryption-capable etaPhones your secrets will stay *your* secrets.

etaConference is part of the etaSuite, as such it is an add-on to the etaCarina Secure PBX. Conference setup, configuration, and monitoring is done from etaConfig, the central, web-based configuration tool which comes with etaCarina.



Access conferences securely using etaPhone.



Top Secret Powerful encryption of telephone conferences using state-of-the-art AES 256 encryption.

Who is Listening? Intuitive Web interface for scheduling conferences, inviting people and moderating conferences.

Control who is Participating! Each participant is assigned an individual one-time PIN per conference.

Scalable etaConference Servers can be deployed in clusters for scalability and availability. Each cluster node is able to handle up to 100 conferences with a total of up to 350 parallel participants.



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 prod-

ucts. 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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