

ageet Corporation Releases GuardVox Phone to Protect IP Calls ~ ZRTP Protocol Ensures Flexible and Strong Wiretapping Protection ~

Kyoto - June 16th, 2010



GuardVox Phone

ageet Corporation, a leading Japanese VoIP software company, has released a secure softphone for Windows called *GuardVox Phone* with support for the ZRTP protocol, offering a safe and efficient way to guarantee the security of IP telephony.

Saving money by using IP communications instead of the plain old telephone system (POTS) is nothing new and can be considered standard these days with over 60% of all calls being placed that way. However, few people are aware of the potential security risks that come with the switch to IP telephony. Where the POTS offered basic security due to the fact that each line had to be tapped physically in order to listen in on a conversation, IP calls can be intercepted easily using free software. While even the US government cannot wiretap more than 1% of all concurrent analog calls simultaneously, the majority of IP calls can be recorded and processed with relative ease and little cost.

As the effort to do so decreases, listening in on IP communications becomes more tempting than it has ever been before. Depending on the topic of the conversation, an irreversible loss of information could have devastating consequences for businesses of all kinds, as well as government and military organizations. As going back to the old analog days to protect ourselves is not an option, the need for efficient and transparent protection against security threats such as wiretapping or even espionage is imminent.

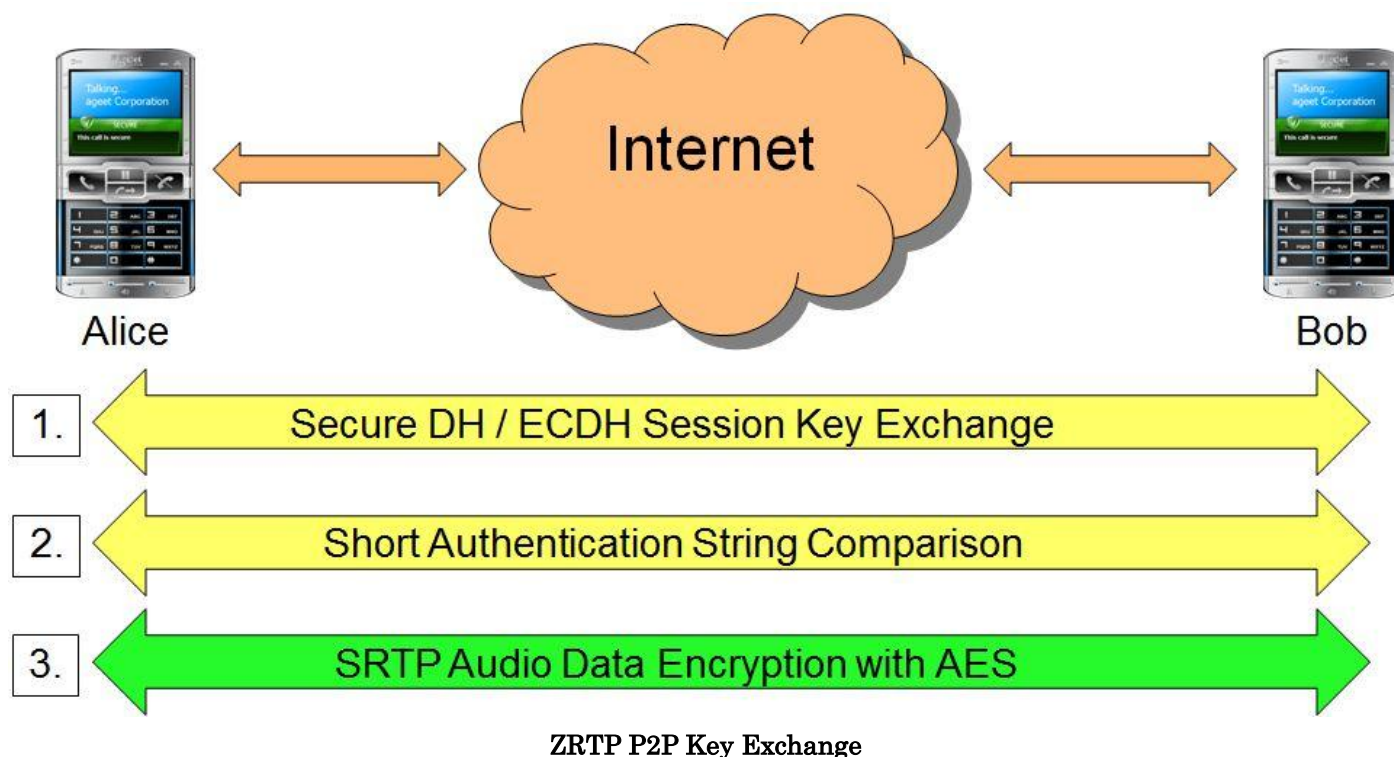
ageet Corp. has been working closely together with Telesecret Corporation, a company founded by Phil Zimmermann to create encrypted voice and video communication solutions using the IETF standard ZRTP that he designed. As one of the leading experts in the security field, Phil Zimmermann has gained a reputation as an uncompromising guardian of privacy rights in a long legal battle to make his Pretty Good Privacy (PGP) email encryption protocol available to users worldwide. ageet Corp. has integrated Telesecret's ZRTP library into *GuardVox Phone*, allowing it to offer secure call encryption in accordance with standards laid out by the National Institute of Standards and Technology (NIST) based on NSA guidelines. These standards certify that the applied encryption can be used to protect information up to the top secret level.



Phil Zimmermann

Other encryption solutions have tried to address the IP call security problems, but none achieves the ease of use and thorough security of *GuardVox Phone* with Telesecret's ZRTP implementation. While some products still cater to legacy analog calls, others offer only incomplete protection for internet calls by sending vital information in plain text or necessitating a working Public Key Infrastructure (PKI). The PGP standard which is used to send encrypted email also requires a PKI, a fact that thwarted its widespread adoption and is single-handedly responsible for the fact that 99% of all E-Mails are still sent out unencrypted. Other approaches to solve the problem are expensive, proprietary hardware solutions that are not interoperable with other secure telephony solutions. The strengths of the *GuardVox* ZRTP solution become obvious: it requires no PKI, can be adopted on many platforms and uses an open standard for encrypted internet calls.

ZRTP is a peer-to-peer protocol that does not require a central server or PKI to establish a secure call. Endpoints exchange the keys to encrypt a call with the security status being displayed at all stages. End users then compare a Short Authentication String (SAS) to make sure that there is no man-in-the-middle (MiTM) listening in on the call. This human element in the verification process is unique to ZRTP and further raises its security and transparency. The key exchange itself takes place using either the state of the art Diffie-Hellman (DH) or military grade Elliptic Curve Diffie-Hellman (ECDH) protocol. The call's audio stream is encrypted using the strong Advanced Encryption Standard (AES).



GuardVox Phone will be available from June 15th for Windows based systems. Windows Mobile and other mobile platforms will be launched later in 2010 and early next year. More detailed specifications are listed under <http://www.ageet.com/us/products-guardvox-phone.htm>. Interested customers can contact ageet Corporation for pricing, further information and advice on how to best integrate the solution.

About ageet Corporation

URL: <http://www.ageet.com/us/>

Address: 2-64 Yamanawate Terado-cho, Muko City, Kyoto Prefecture, 617-0002 Japan

CEO: Masato Okazaki

CFO: Yasunori Nekota

Founded: July 2005

ageet Corporation specializes in innovative IP telephony software solutions for desktop, mobile and web systems. ageet puts strong emphasis on efficiency and resource friendliness which makes its products perform well even on less powerful hardware such as tablets and embedded systems. Apart from the "AGEphone" (Mobile, Desktop, Business, and Gadget) series of IP phone software products and its OEM versions, the company also distributes VoIP SDKs based on the high performance microSIP stack to assist customers in creating their own telephony applications on all kinds of systems.

About Telesecret Corporation

URL: <http://www.telesecret.com>

Address: 2890 Forrester Drive, Los Angeles, CA 90064, United States

CEO: Patricia Steadman

CTO: Philip Zimmermann

Founded: August 2009

Telesecret Corporation is a software company focused on building and deploying encrypted telephony and mobile solutions based on the ZRTP protocol and Telesecret-created proprietary extensions. ZRTP is an open standards peer-to-peer voice over IP (VoIP) encryption protocol that has been accepted as an IETF draft that was designed and authored by Philip Zimmermann, renowned cryptographer and inventor of PGP. ZRTP removes the barriers that require the necessity of a Public Key Infrastructure (PKI) to guarantee the security of a call.

For questions regarding this press release please don't hesitate to contact Mr. Michael Leuker directly:

ageet Corporation

Mobile and Desktop VoIP Solutions

Michael Leuker, Marketing & Sales

Mail: michael@ageet.com

PGP: <http://keyserver.pgp.com>

TEL: +81-50-3551-7717 / +1-641-410-2429

FAX: +81- 3-4496-4650

WEB: <http://www.ageet.com/us/>