

TrustBridge

Encrypted mobile to enterprise desktop communications

The Challenge

According to the IDC Market Analysis Report, 34.9% of the workforce were mobile by 2013 and were using mobile devices to talk about confidential corporate information. Whether it's mobile to mobile or mobile to the corporate office, these calls are unsecured and exposed to interception, and a company's critical information is vulnerable every time the workforce checks the corporate voice mail system or joins a conference bridge.

Increasingly, mobile voice communications are being targeted by hostile parties. This may be for financial gain, corporate espionage, hostile nation-states, or just plain criminals. There are now numerous methods by which these elements can crack into communications, and totally compromise confidential information.

Ultra Electronics AEP Solution

AEP offers TrustBridge, enabling workers to place secure calls between the office and mobile devices. Using the same technology, mobile workers can remotely check their office voice mail and join conference calls without fear of interception. AEP offers the complete mobile data security solution and solves these problems via a patented technology, the core of which is the TrustChip® "security engine." TrustChip® is a microSD-based hardware token that is tamper resistant and delivers AEP's key management, encryption, and authentication system. This self-contained security computer provides a device-independent hardware anchor for applications that harness its power. Insulated from the operating system and the connected mobile devices, critical security is always safeguarded.

TrustBridge Advantage

Only AEP's mobile security solution incorporates both hardware and software technology. Due to AEP's unique partnership with an experienced VoIP integrator, a turnkey solution is available to simplify deployment.

TrustBridge enables you to:

- Securely call smartphones from the office.
- Securely call office from smartphones.
- Securely join conference calls from smartphones.
- Securely access PBX based features such as voicemail or conferencing.
- Securely route domestic and international calls to PSTN through the PBX.
- Securely call out to any phone on the public switched telephone network.



The AEP TrustCall Solution

TrustBridge – Secure mobile to enterprise phone communications

TrustCall – Secure mobile to mobile calling

TrustText – Secure mobile to mobile texting

Technology

- Based on patented TrustChip® technology
- MicroSD form factor
- Works with a wide variety of PBX systems: standard
- SIP/RTP, Microsoft Lync, Cisco, and many others
- Deployed as a plugin module for Asterisk VoIP servers

Cryptography

- Hardware-anchored by AEP TrustChip®
- AES-256 encryption
- IPS 140-2 validated
- Patented TrustGroup-based authentication

Supported Platforms

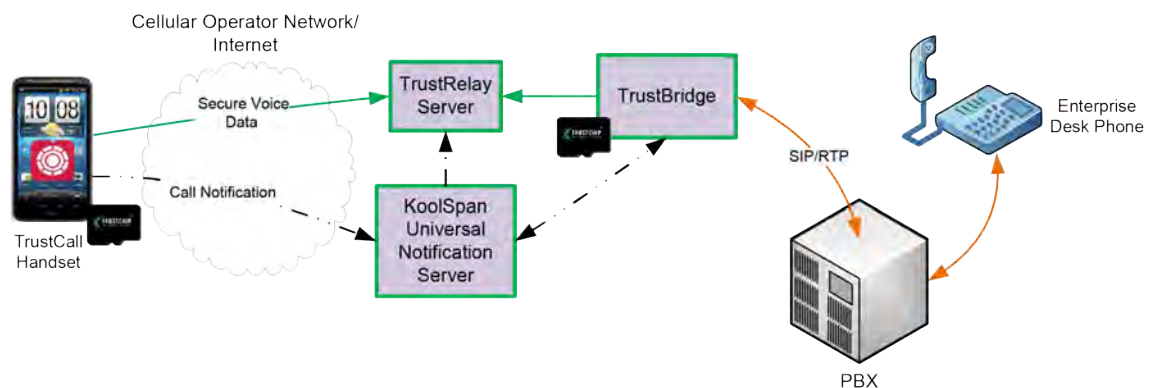
- All platforms supported by Asterisk

Networks

- GSM
- CDMA
- WiFi
- LTE

Compatibility

- Compatible with TrustCall app running on:
- Android
- Blackberry
- iPhone



Frequently Asked Questions

Q How is TrustBridge different than other secure voices gateways?

A AEP's TrustBridge is hardware anchored. It provides for enterprise-side encrypt/decrypt via installed TrustChip.

Q How many enterprise phones will the bridge support?

A The TrustBridge will support up to 100 simultaneous calls to and from an unlimited number of enterprise phones.

Q Will my existing PBX work with TrustBridge?

A Yes, with minimal effort; as simple as adding in an additional phone.

Q Do I need an Asterisk expert to deploy TrustBridge?

A No, AEP has partnered with an experienced VoIP integrator to provide a turnkey solution.

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