InstaVoIP™ Multi-platform Solutions

With the InstaVoIP™ family of products, you can add VoIP capabilities to virtually any device or application. Available pre-optimized for select platforms or with full source code for porting to any platform, InstaVoIP provides a robust VoIP core with a flexible API which allows customization into nearly any end product.

The InstaVoIP Family consists of *four* distinct offerings:

InstaVoIP Embedded

A full ANSI C source code release allows InstaVoIP Embedded to be used on any platform. Simply porting the Fusion Common Layer (FCL) abstraction to a platform's RTOS/OS, network stack, and file system (optional), and implementing an audio driver channel for the platform's audio hardware is all that is necessary to start making VoIP calls. Additionally, having full source code allows customer changes to be made to the code (such as implementing newer or less popular RFCs) and aids in debugging low-level problems. For more information, go to : www.unicoi.com/instavoip.

InstaVoIP Module

A hardware/software combination, the InstaVoIP Module family of products provide a standalone hardware module ready to be embedded into an existing hardware platform or used as the foundation of a new product. Available in two distinct varieties: InstaVoIP 516-CN & InstaVoIP 516-POE.

516-CN

A hardware/software combination, Model 516-CN is a standalone hardware module ready to be connected into an existing hardware platform or used as the foundation of a new product.
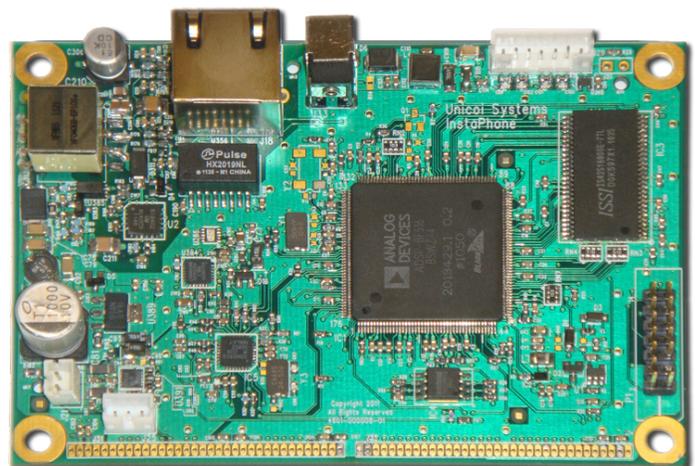
516-POE

A low-cost standalone hardware/software platform designed for a 2 gang box or larger enclosure. Model 516-POE is a SIP compliant full-duplex speaker phone board, complete with Power over Ethernet (PoE), an 4 Ohm speaker driver, and an on-board driver for door latches or other devices.

InstaVoIP Mobile

An optimized library release for Apple iOS and Google Android™, the InstaVoIP Mobile SDK allows for rapid integration without dealing with any porting or audio issues. Standalone VoIP SoftPhone application examples are provided, or the libraries can be integrated into existing applications.

InstaVoIP Desktop

An optimized library release for Windows desktops, the InstaVoIP Desktop SDK allows for rapid integration without dealing with any porting or audio issues. Standalone VoIP SoftPhone application examples are provided, or the libraries can be integrated into existing applications.

InstaVoIP Mobile Sample App

InstaVoIP 516-POE Module

Sample Application Details

SoftPhone

InstaVoIP can easily be made into a standalone SoftPhone application. Example projects are included in the Embedded, Desktop, and Mobile versions which provide instant functionality and are ready for customer differentiation.

Radio over IP (RoIP)

Radio-over-IP is a growing market that gives traditional radios connectivity into corporate PBXs and/or traditional POTS lines. InstaVoIP Embedded or Module can be used to quickly create devices that bridge these environments for military, public emergency systems, or businesses.

Desktop IP Phone

InstaVoIP Embedded or Module can be used to create enterprise-ready desktop phones that interoperate with the most popular PBX solutions in the market.

VoIP Call Box/Door Entry Phone

InstaVoIP's User Interface API supports simple and highly differentiated user interfaces from a Call Box with its simpler "press this button in case of emergency" interface to highly POS kiosks and industrial control panels.