

ExtendTime™ Voice Verification

Using Cisco IP Phones as Biometric Devices

Features:

- Cisco IPT compatible
- Language independent
- Licensed on a per employee basis
- Requires customer-provided server

Benefits:

- Leverages customer investment in Cisco IP telephony
- Ensures the integrity of employee clocking
- Eliminates the need to purchase and maintain expensive biometric devices
- Eliminates the need to collect employee fingerprints



More Than Just a Time Clock!

ExtendTime Voice Verification

The ExtendTime Voice Verification feature captures the physical characteristics of the human voice to verify employees are who they say they are when they attempt to clock in and out of the ExtendTime labor management system.

Addressing the issue of buddy punching

The age-old problem of employees clocking each other in is sometimes called "buddy punching". The American Payroll Association estimates that Buddy-Punching' accounts for up to 5% of the gross payroll. By adding ExtendTime's Voice Verification biometric feature for ExtendTime, organizations can immediately stamp-cut the practice of buddy-punching, and significantly reduce payroll costs, while maintaining productivity.

Voice verification works by digitizing a profile of a person's voice to produce a stored model voice print, or template. Biometric technologies identify the speaker's unique voice print. Voice prints are stored in databases in a manner similar to the storing of fingerprints or other biometric data. The pass phrase is usually some sort of text or phrase, which can be either a verbal phrase or a series of numbers. The combination of the unique physiology and behavioral aspects of speaking enable verification of the identity of the person who is speaking. The ExtendTime Voice Verification is the perfect solution when no other biometric appliance is available.

Overview

ExtendTime is seamlessly integrated with the Cisco Call Manager to facilitate data entry for time recording from any Cisco IP phones, time clock or web browser on a customer's network.

Using voice verification, you can confirm the identity of the person speaking based on that person's voice biometric. Similar to a fingerprint, everyone has a unique voice. This ExtendTime feature provides an easy-to-use, unobtrusive, cost-effective mechanism for authenticating users that only requires a Cisco IP phone. The ExtendTime voice verification feature eliminates the need to collect employee fingerprints or hand geometry. This feature can be set to challenge randomly or every time an employee accesses ExtendTime.

ExtendTime can be accessed through Cisco 7940, 7960 and 7970 IP phones. The log in process starts by the Employee entering his or her employee number and password (optional) through the Cisco phone. If the employee is selected for voice verification the Cisco phone will present a message on the phone's display stating that voice verification is required and to pickup the handset when the phone rings. The employee will be asked to speak their pass phrase into the phone. At that point the employee's voice is compared to a pre-recorded wav file of their voice and they are either allowed to continue or denied access to the application.