

Remote Extension Provisioning

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Remote Origintm, Inc.

Products / Services

- Asterisk Services Specializing in Uptime, Web Application Interoperability and Security
 - Provides the **Remote Origin *Softphone*** which utilizes IAX, Special Security Mechanisms and the Reverse Remote Provisioning System
 - Re-Branding for Resale
 - Custom VoIP Applications
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Remote Origintm 's Clients

Summarization

- Traveling Business Executives
- Hotels
- Pilots
- Telecom Providers
- Remote Office Environments
- Or Just Simply, **anyone overseas wanting to use a VoIP Softphone Solution!!**

The technical proficiency of the “customer base” is limiting the exposure of softphones.

What's A Softphone To A Customer?

Remote Office Assessment

- Ability to Make / Receive Phone Calls Away from Their Desk
- Lower Cost on International Phone Calls
- Lower Cost on Long Distance Phone Calls

Traveling with a Laptop / Broadband Connection will allow anyone the advantage of a Softphone.

Reverse-Remote Provisioning System

Remote Origintm's *Softphone*

- Centralized Administration
- Negate Customer Burden Of Using A Softphone
- Provide A Reliable and Secure Information Transport System
- Licensed Digital Rights Management

I will address the technical and administrative aspects of the Reverse-Remote Provisioning System.

Potential Softphone Disadvantages

- Compatibility
 - Minimum Requirements
 - VoIP Protocol
 - Local Network Performance
 - General Configuration
 - Misc Standards
 - Configuration
 - Host names
 - User names
 - Passwords
 - Non-Sense Variables
 - Cost
 - Corporate Pricing Plans
 - Monthly
 - Per-Minute or 1/10th minute
 - Enthusiast/Technical
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Potential Softphone Disadvantages

Softphone Problems

- Usability
 - The user cannot utilize the softphone for business and pleasure?
 - Can this service be used exclusively?
- Central Administration and Control
 - Most softphone solutions offer zero central administration
 - Remote Origin offers “Zero” configuration softphones

Softphone's and USB Drives

Functionality of DRM enabled Softphone

- **Softphone USB Drive**
 - Resides Within A Read Only Sector
 - Utilizes hidden partitions
 - Auto - run upon insertion
 - **USB Drive Variations**
 - Standard Flash
 - U3
 - Custom Drivers
 - **Computer Capabilities Anywhere**
 - Internet Cafe's
 - Library's
 - MacDonald's'
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Softphone's On Other Mediums

Non-USB Technologies Aides Distribution

- Computer
 - Windows
 - Mac
 - Linux
- PDA
 - Palm OS
 - Windows CE/Mobile
- Phone
 - Embedded Linux
 - Windows Mobile
 - Blackberry
 - WiFi Phone's
- Automobiles
 - Have heard of USB enabled vehicles

The Reverse-Remote provisioning Algorithm should be considered independent of the distribution medium.

Softphone Configuration

Administrative Account Setup Steps

- Generate/Order A License Key
- Put The Softphone Executable On The USB Drive
- Execute The Softphone
- Enter The License Key When Prompted
- A License File Is Generated On The USB Drive And Is Ready To Use.

This is the only account setting to activate the Remote Origintm *Softphone*;
All account settings are set in the Web Portal.

Remote Origin'stm Web Portal

Web Portal Purpose

- Order Software Licenses
 - Each License Allows One USB Softphone
 - Generates A 25 Digit License Key
 - Set Initial Account Settings
 - View Active Licenses And Their Settings
 - Modify Active Licenses
 - User name
 - Password
 - Host names
 - Expiration Date
 - USB Serial Number
 - Administration
 - All VoIP Account Settings Are Centralized
 - The Software Retrieves This “Configuration Information” And Auto Configures
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Demonstration

- Steps
 - Generate/Order A License Key
 - Execute The Softphone
 - Enter The License Key When Prompted
 - A License File Is Generated On The USB Drive And Is Ready To Use.
 - Change Asterisk Password
 - Re-Load Softphone With Now Bad Auth
 - Change Password Through Web Portal
 - Re-Load Softphone With Good Auth
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