



SOFTPHONE LOCATION DETERMINATION APPLICATION (SLDA)

E911 PROTECTION FOR YOUR MOST MOBILE WORKERS



FEATURES

- >> Quick and easy location determination of softphone users
- >> Integrates with any Windows softphone
- >> Integrates with RedSky's E911 Manager LIS and VoIP Positioning Centers for national 911 service
- >> Easily downloaded to PCs and laptops

BENEFITS

- >> Provides 911 protection to softphone users anywhere in the USA
- >> Complies with new industry standards for VoIP and E911
- >> Protects organizations from E911 liability
- >> Lowers the costs of deploying VoIP
- >> Supports all IP-PBX and SIP call servers

Many business professionals are now using IP softphones to access the corporate network from virtually any location, creating new challenges for organizations providing these users with E911 protection. RedSky's Software Location Determination Application (SLDA) meets this challenge by allowing enterprises to establish the exact location of their softphone users and provide national E911 protection.

DESCRIPTION

SLDA is a tool used by RedSky's E911 Manager with Location Information Server (LIS) to capture the location of IP phone users as they log on to the network for phone services. SLDA automatically prompts users to designate a location when they log in to use the softphone and communicates the information to the Location Information Server. E911 Manager with LIS validates the location and updates downstream databases and the IP PBX so that 911 calls are routed properly and the caller's location is accurately identified with the Public Safety Answering Point (PSAP).

FUNCTIONALITY

SLDA monitors the start-up of softphones and pre-emptively the registration process by asking users to first establish their location. Users can choose a location from a corporate or favorites list, or enter a new location. If a corporate or favorites address is selected, the softphone is immediately enabled. If a new address is entered, it is sent to the E911 Manager LIS server where it is validated against the Master Street Address Guide (MSAG) using an external Voice Positioning Center. Once the address is validated, the softphone registration is enabled and calls can be made.

Update Your E911 Location

Use Currently Specified Location

Building:	CHICAGO
Address:	925 CHICAGO AV, IL 60622-7265
Community:	CHICAGO
Room:	1100
Floor:	11TH
Name:	JOHN
Comments:	

Choose Location from Personal Profile

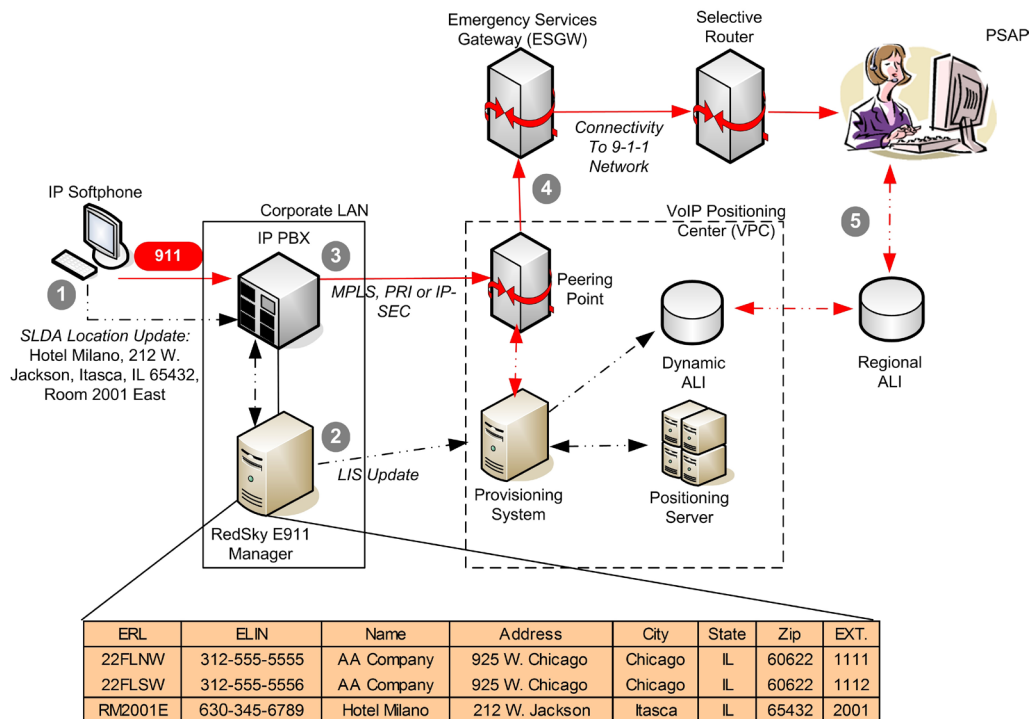
Specify a New Location

Choose not to Specify Location **Warning! your phone will be disabled for 911 calls**

Powered By

<< The SLDA login screen makes it easy for users to register their location. They can select their last location, a location from the corporate database, a favorites location (home, coffee shop, hotel, etc.) or enter a new location. Organizations can choose to limit softphone usage if users do not enter a location.

SOFTPHONE LOCATION DETERMINATION APPLICATION



HOW IT WORKS

1. Softphone user boots up and is prompted by SLDA to enter their location.
2. Location is validated by E911 Manager with LIS and updated with the VPC, SLDA notifies user of acceptance and releases the softphone for use. Location is held in the VPC in anticipation of a 911 call.
3. When a 911 call is made, the IP PBX forwards the call to the VPC.
4. The VPC retrieves the location of a TN and routes the call to the correct PSAP with the call back number.
5. VPC delivers the ALI location record to the PSAP.

EASY TO USE WINDOWS-BASED APPLICATIONS

RedSky's SLDA runs as a client application on any Microsoft Windows-based laptop or PC that has a softphone. It is light-weight and easily downloaded from enterprise IT departments or a VoIP service provider. SLDA is architected to automatically integrate with any Windows-based softphone, providing organizations with the flexibility to choose their preferred devices.

With SLDA and E911 Manager with LIS installed in the enterprise, mobile users can now be protected by national E911 services provided by VoIP Positioning Centers (VPC). E911 Manager is integrated with the VPCs to validate and update user locations. When a softphone user dials 911, the call server will route the call to the VPC which then forwards the call and the location record to the geographically appropriate Public Safety Answering Point (PSAP).

ABOUT US

RedSky Technologies, Inc. helps large organizations of all types capture, manage and deliver the detailed location information necessary to provide effective 911 emergency response. More than 200 customers, including 50 Fortune 500® companies, use RedSky's E911 Manager to automate their E911 processes. Headquartered in Chicago, RedSky has partnerships with other leaders in the telecommunications and 911 industries to help shape 911 policy, leverage emerging technology, and comply with evolving regulatory requirements.

For more information on SLDA, E911 Manager or any of RedSky's location information management software or services, visit our website at www.redskyE911.com or call us at 877-RedSky1.

REQUIREMENTS

Network

VoIP E911 using LIS: Private IP over IPSec VPN or Public IP via MPLS, point-to-point ISDN-PRI to an Emergency Services Gateway Provider

E911 Manager Server with LIS enabled

E911 Manager is a Microsoft .NET application that runs on a customer-provided Windows 2003 server

Location Information Server

Subscription service with RedSky for ongoing ALI updates for IP phones (Dynamic ALI account with VPC, via RedSky)

Call Servers/PBX Supported by E911 Manager

Avaya Communication Manager running on Avaya S8x00 media servers, Avaya Definity, Cisco Call Manager v4.x, Nortel Meridian and Nortel Communication Server 2100

Softphones Supported by SLDA

Any PC running Windows XP or Windows 2000



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