

VoiceReset™- Remote Domain Access / Password Reset solution.

Introduction

VoiceReset provides a complete solution for the business challenges in Identity and Access Management.

The solution is based on OTP concept that enables end users to perform remote access and password reset.

Highlights

- higher degree of security than traditional PINs and passwords ,tokens and cards
- Scalability: 2-factor,malware-resilient 2-factor or 3-factor authentication
- Seamless integration with Microsoft Active Directory and Sun LDAP
- Multiple domain accessed individually or
- SSO integration

How it Works

Password Reset :

VoiceReset takes advantage of the fact that the best solutions never require a change in behavior.

Users are used to call in order to reset their passwords using helpdesk support.

The only hardware needed for password is the telephone, which is already in place and does not require additional investments or training for the users.

VoiceReset functions as the virtual help desk agent that handles password reset requests 24x7. To ensure the highest level of security, a user's identity is verified using caller phone ID and PIN (for 2-factor authentication) and biometric voiceprint authentication (for 3-factor authentication).

If identity is verified – then user is provided OTP over the phone line . This OTP is valid only once and over the pre-determined time interval (say 1 minute) .

Remote Domain Access:

If user wants to perform remote access from his laptop using enterprise VPN – then he/she provides his domain username and OTP , generated using SentryCom software client . SentryCom software client performs 2-factor, malware-resilient or 3-factor authentication as pre-determined by Enterprise.

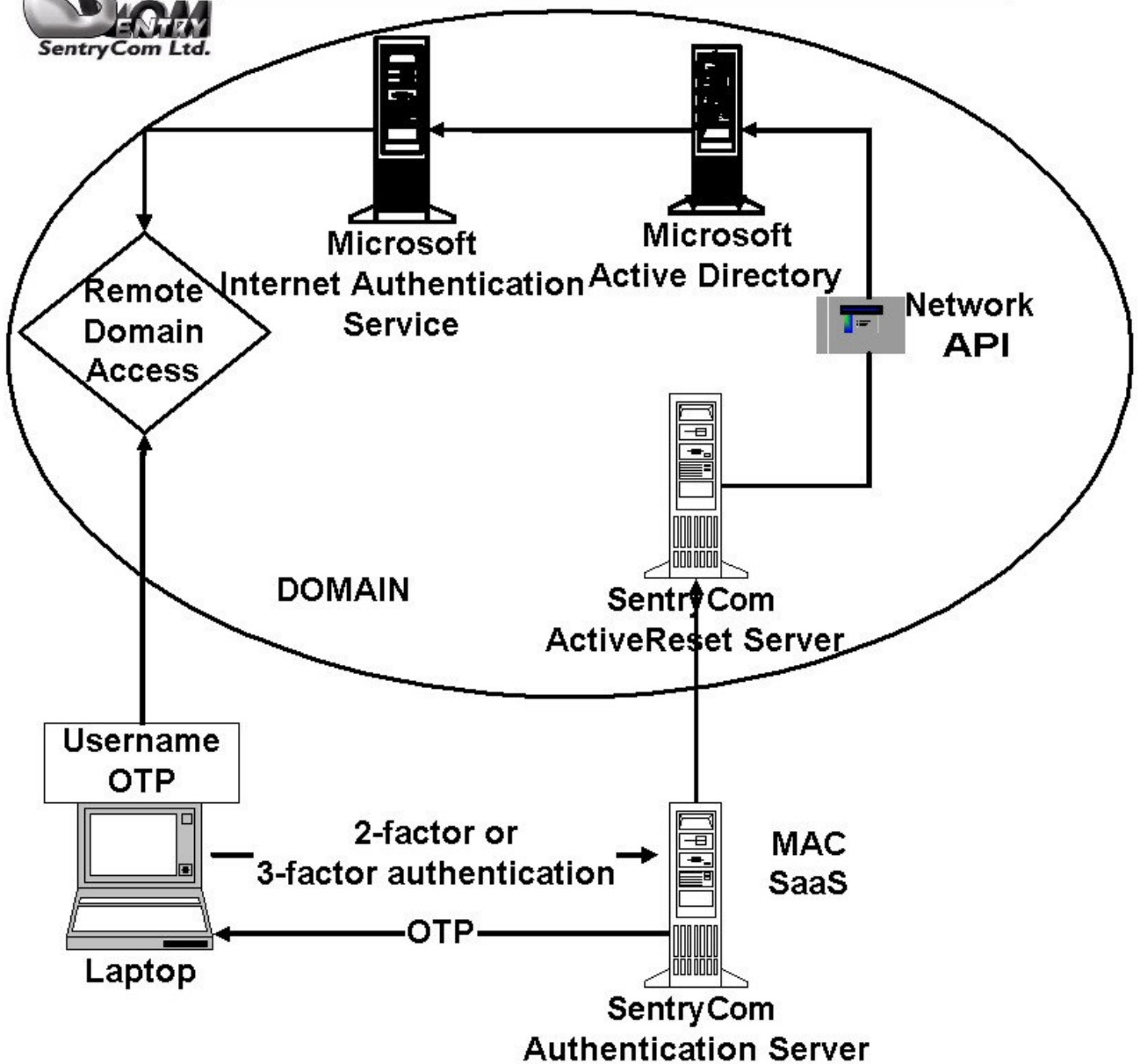
Internet Authentication Service (IAS) through Active Directory verifies these parameters.

The following charts describe Password Reset and Remote Domain Access applications:

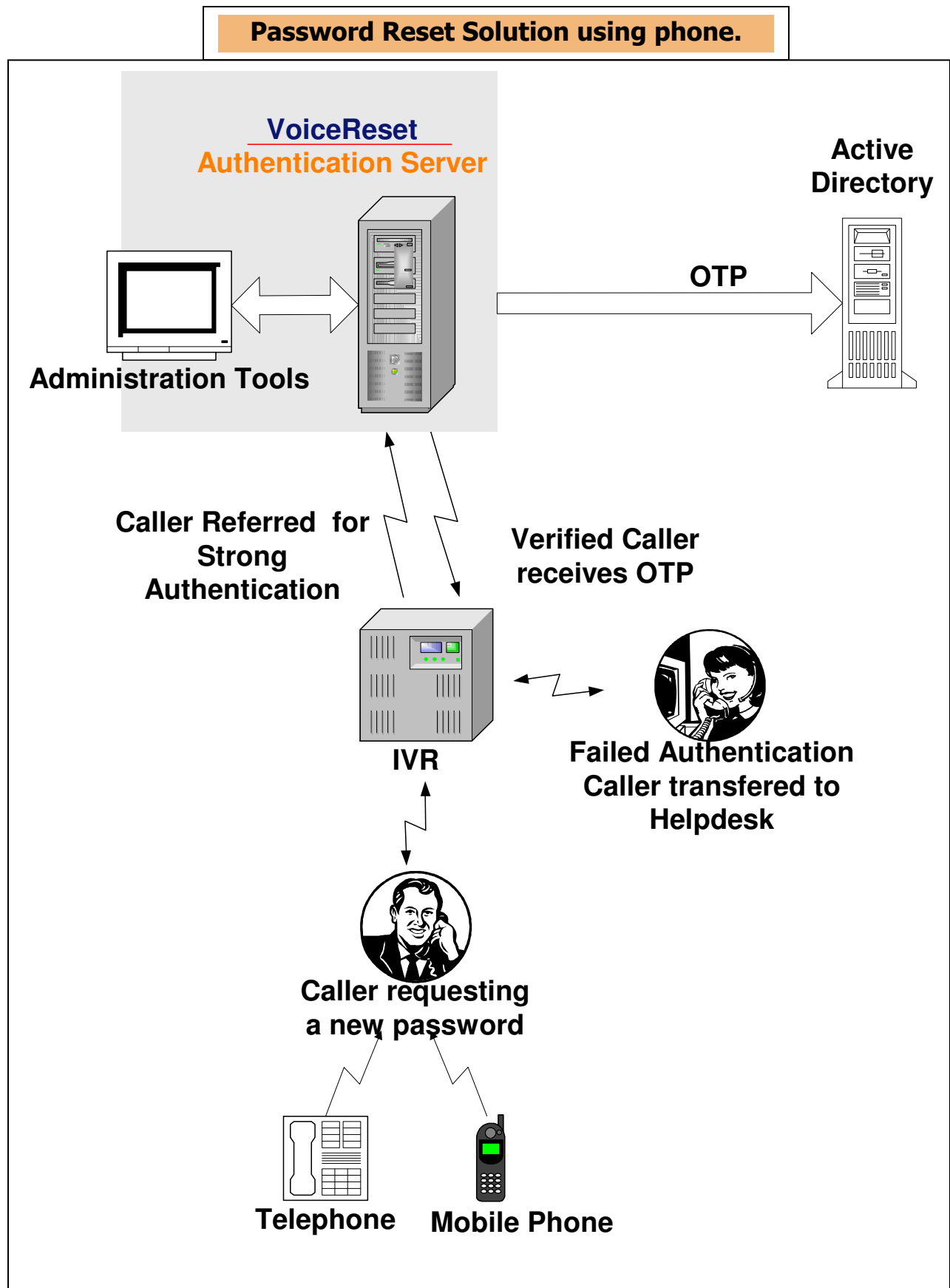
VoiceReset – Remote Access / Password Reset solution.



VoiceReset - Remote Domain Access



VoiceReset – Remote Access / Password Reset solution.



VoiceReset – Remote Access / Password Reset solution.

Integration with Existing Enterprise Infrastructure .

The agent, called SentryCom Active Reset server must be installed in domain to interface with Active Directory via Microsoft NetAPI.

For multiple domain integration – multiple Active Reset servers are required.

VoiceReset may be configured to operate in Single Sign On (SSO) Mode – to propagate same OTP to multiple domains synchronously or may be configured to operate in asynchronous mode to propagate to OTP to specific domain.

System Requirements.

MACS Server Software (if installed internally):

Win 2003, 2008 server
MS SQL 2005 server

Client Software for Remote Domain Access :

OS : Win2000, XP, Vista, 7
Browser: IE 6.0 , 7.0 , 8.0

- No microphone is needed for 2-factor authentication.
- Built-in laptop microphone is sufficient for malware-resilient 2-factor authentication.
- Headset Microphone is required for Voice Biometrics 3-factor authentication.

Clientless – using telephone/mobile phone for Password Reset:

If installed internally - IVR with Voice XML support is required for clientless telephone/mobile phone .

About SentryCom

SentryCom mission is to deliver malware-resilient reliable, cost-effective and easy to use strong authentication and crypto solutions to secure critical data within and beyond extended enterprise.

SentryCom products and technology are protected by US patents **7,689,832**, **5,913,196** and **6,510,415**.

Contact:

SentryCom Ltd.

POB 56263

Haifa 34989

Israel

Tel: 972-4-8342392

Fax: 972-3-7255867

E-mail info@sentry-com.net

Web Site: www.sentry-com.net