

Tech Overview : Binding User Names to AD Login Names

The Nusoft Internet Recorder can accommodate to the numerous businesses who have implemented an Active Directory (AD) server in their network. The device gives you an additional option of utilizing a user's AD login name as the basis for recording all Internet activities for that particular user. In other words, the AD login name is used as the recording basis instead of the IP address or the MAC address. This effectively facilitates network administration and recorded data archiving.

There are various advantages of adopting AD login name binding for a particular user. Firstly, managers and IT administrators can recognize the users based on their AD login names that they are familiar with. In addition, they can identify time-wasting or bandwidth intensive activities by the detailed records, which ensure a higher level of employee productivity.

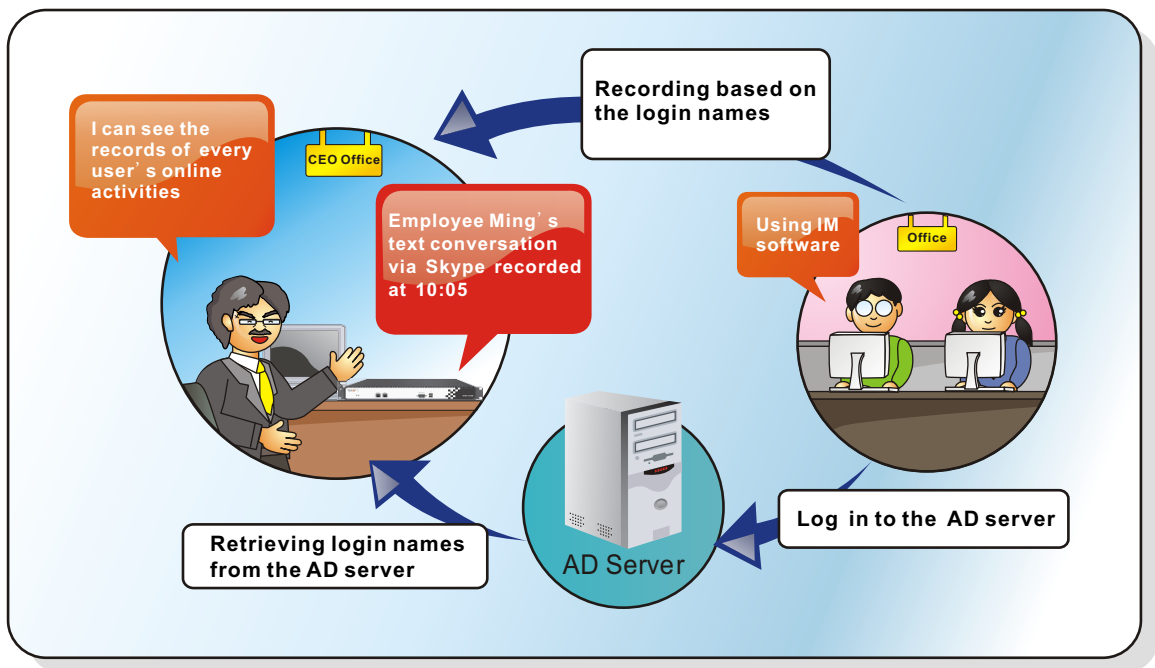


Figure 1 User Names Bound to AD Login Names

<input type="checkbox"/>	<input type="checkbox"/>	Date/Time	Username	Web Site
<input type="checkbox"/>	<input type="checkbox"/>	02/02 13:30	RAYEARTH	goog-phish-shavar a 42721-42880;42721-42781,42783-42880;
<input type="checkbox"/>	<input type="checkbox"/>	02/02 13:30	RAYEARTH	goog-phish-shavar a 42561-42720;42561-42570,42572-42609,42612-42629,42631-42720;

User		8-Recorded Service		Others	
No.	Username	Traffic Indicator (MB)			
1	RAYEARTH				
2	FREEZE_U_PUNK	0.17	0.50%		
3	SIMSAN	0.15	0.46%		

Figure 2 Recording by the Login Name

To bind user names to AD Server login names, navigate to **Record Analysis > Settings > Settings**, and configure its related settings under **Username Binding**.



Username Binding

User names are bound to

- IP addresses (Username-IP Binding)
- MAC addresses (Username-MAC Binding)
- AD server (Username-Loginname Binding) [Help](#)

AD Server IP or Domain Name [Test connection](#)

AD Server Port (389 or 1,025 - 65,535)

AD Search Distinguished Name (Max. 512 characters, ex: dc=mydomain,dc=com)

Filter Rule (Max. 256 characters, ex: (objectClass=*))

Admin Account (Max. 1024 characters, ex: cn=users,dc=mydomain,dc=com)

Admin Password (Max. 128 characters)

Figure 3 Setting User Names to be bound to AD Login Names

Easy to Setup

Setting up the device to bind user names to AD login names is straightforward. The IT administrator only has to install a "Plug-In", which is obtainable from the device's user interface, on each computer or they can utilize the AD server to install it.

Plug-In for Binding Usernames to AD Server and Recording Skype Conversations (Text & Voice) [Help](#)

Current Version: 1.1.22

Plug-in (IR_Plugin.exe): [Download](#)

Communication Port: (1,025 - 65,535)

Figure 4 Downloading the Plug-In from the Device



Product News : The Necessity of Internet Recording

The wide spread use of the Internet around the world has superseded some of the tradition communication avenues used in the past. It is not just used extensively inside businesses for internal communication, but also for external business communication with customers and clients. Consequently, data management is no longer just about tangible paper, it now includes emails and data made from web browsing, instant messaging (MSN, QQ, etc.) and online searching (Google, Baidu, etc.).

Protecting Businesses' Confidential Information

The biggest concern facing businesses is the risk of employees either intentionally or unintentionally leaking confidential business information. To address this concern, three quarters of business use special software to record employees' emails, instant messaging conversations and web pages browsed. The recorded data provides evidence of any committed offenses.

In Taiwan, there have been many legal cases brought before the courts regarding spying between businesses, for example, the litigation between VIA Technologies, Inc. and D-Link Corporation and the litigation between Foxconn Technology Group and BYD Electronic International Company Limited. In this regard, recording and storing emails and IM text messages is clearly important and necessary for protecting sensitive business information.

Nusoft Internet Recorder prevents the leakage of confidential business information. Active Directory (AD) logins is one of the options available to bind to employee' s usernames and record online activities, including Internet surfing, email accessing, instant messaging, FTPing and Telneting. Its comprehensive search system simplifies the search of a desired log. Whether it is the online activities of an employee or the users of a particular IP service, IT administrators can find it effortlessly.

Additional Benefits of Nusoft Internet Recorder

Nusoft Internet Recorder is a fully featured device. As well as protecting business confidentiality, it effectively identifies time-wasting or bandwidth intensive activities, and ensures high employee productivity. As for its virus protection, if an anomaly flow (caused by virus infection) occurs, its virus alert system will warn the IT administrator immediately. For large enterprises, its group administration helps the organization achieve hierarchical management. In addition, Nusoft Internet Recorder has two deployment modes, Sniffer mode or Bridge mode (with hardware bypass support). Each mode has its own advantages allowing IT administrators to make a decision based upon the business' s requirements.

The functions that Nusoft Internet Record has are by no means limited to the features mentioned above. In comparison with other Internet recording products on the market, Nusoft Internet Record clearly represents your best choice.

For further information, please visit <http://www.nusoft.com.tw>