**No.17**

Tech Overview : Content Auditing - Saving You Trouble Searching for Logs

The majority of Internet recording devices are capable of recording vast quantities of data originating from the various online activities in the business' s network. While this information is useful for different purposes such as protecting the company' s intellectual property and archiving email, etc, it can be a burden when it comes to searching for specific records. Utilizing search features can be of some assistance, but it still consumes time, especially if the same search criteria are used on a regular basis. An automated process would be of great assistance to businesses.

The Benefits of Content Auditing

Nusoft resolved this issue with their latest firmware release for the Internet Recorder. The new Content Auditing feature, allows specific search criteria to be set such as the service type, username, session direction, website and produce the search results on a daily basis. These results are then emailed to the specified recipient in the form of an HTML attachment that contains a direct link to view the results. Consequently, it is both time saving and convenient for IT administrators and managers.

There are many examples of how this feature would benefit businesses. One such example would be if a business were working on a highly confidential project containing some valuable intellectual property. If any of this information were to fall in the hands of their competitors, it would be of considerable detriment to the business. Content Auditing, can take advantage of the Internet Recorders powerful recording capabilities to record Internet activities across the entire internal network. The search criteria only have to be configured once. The device will then use the same search criteria on a daily basis and email the results directly to specified recipient. If any confidential information regarding the project is being leaked through emails or instant messengers, etc. the person responsible will be identified in a convenient and less time-consuming manner.
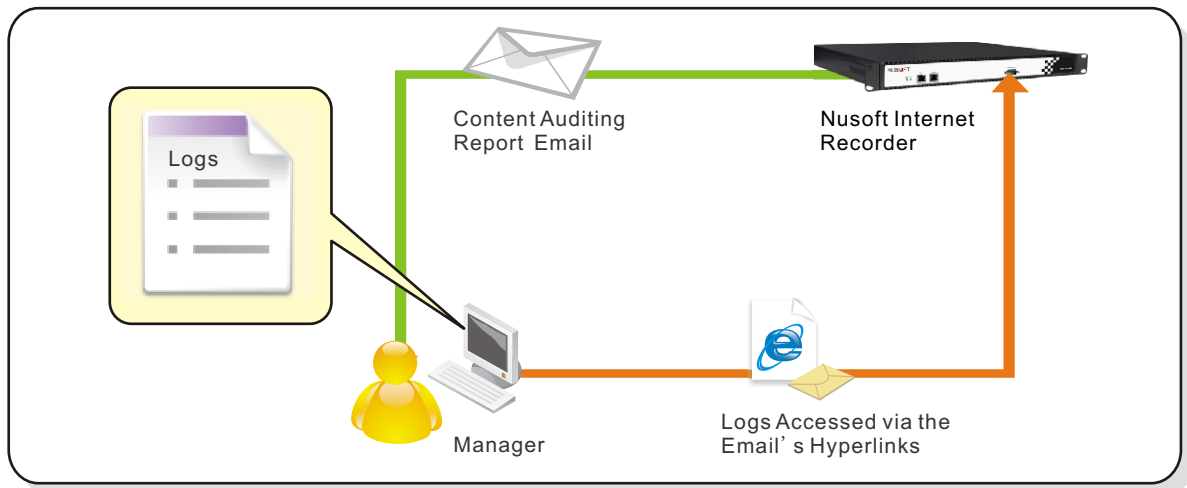
The following table shows the contrast between the conventional search function and the new Content Auditing feature :

	Conventional Search Function	Content Auditing Feature
Supported Service	SMTP, POP3/ IMAP, HTTP, IM, Web SMTP, Web POP3, FTP, TELNET	SMTP, POP3/ IMAP, HTTP, IM, Web SMTP, Web POP3, FTP, TELNET
Search Method	Manually searched by users	Automatically, based on the defined search criteria.
Display of Search Results	Displayed immediately after a search	Sent daily as an email attachment to a designated recipient at 00:30 hours
Date of Content	Based on the selected date	Based on the previous day
Advantage	Convenient for those who need the logs intermediately.	Convenient for those who need to make routine daily observations.

Product News : Network Performance and the Nusoft Internet Recorder

The Internet Recorder can bring many benefits to businesses such as recording the online activities of employees, stopping the depletion of network resources and preventing productivity loss. However, the concern that some businesses have is what kind of negative influence the device could inflict on their network.

Two Deployment Modes to Accommodate Your Network

There are two deployment modes available, Sniffer mode and Bridge mode. When Sniffer mode is deployed, the device is connected directly to a hub or core switch. Under this mode, the Internet recorder will simply duplicate the flow of packets for recording. Therefore, even if the device malfunctions it does not hinder the normal traffic flow across the network.
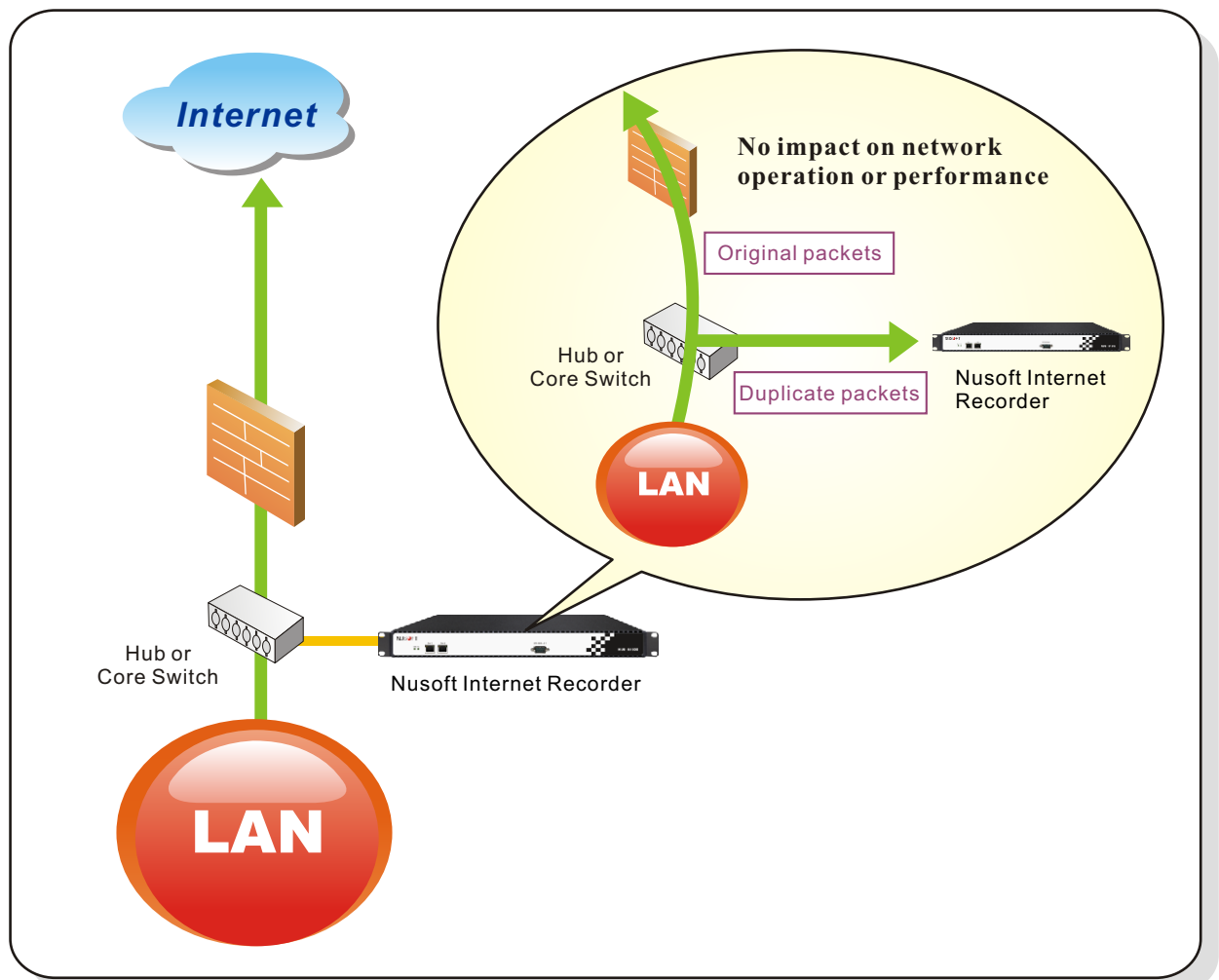
The other deployment mode available, Bridge mode, provides protection to your network in the event of a malfunction. If the device crashes, then it will automatically reboot itself. Due to its bypass feature, if the device suffers a power failure the normal flow of packets across the network will remain uninterrupted.

Internet

Power failure

Nusoft Internet
Recorder

Network remains
alive

Hub or
Core Switch

LAN

LAN