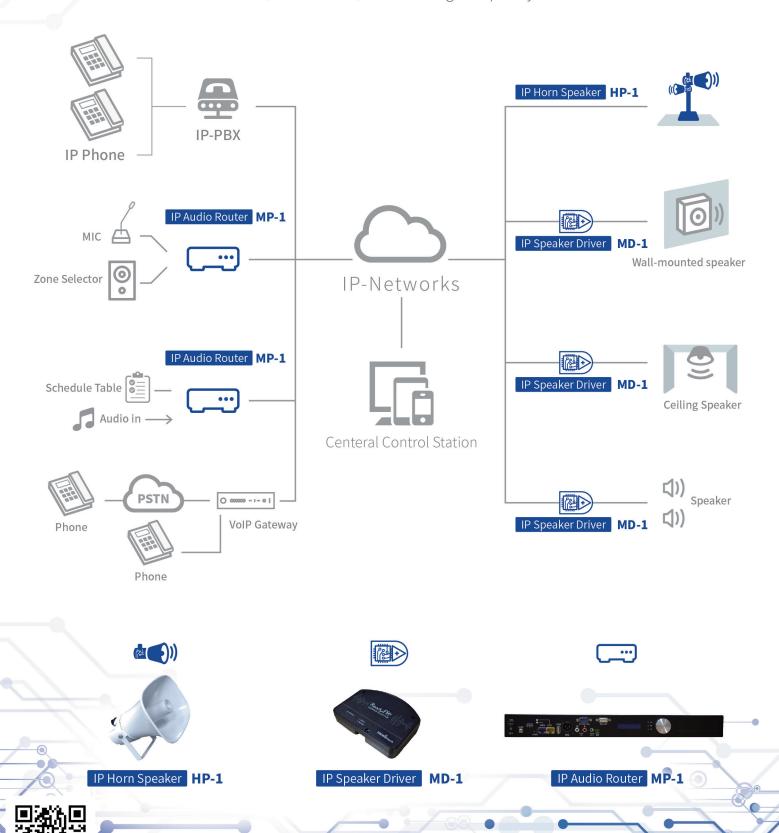


IP PA System

unlimited, addressable, broadcasting, CD quaility audio





IP PA System

unlimited, addressable, broadcasting, CD quaility audio

- > Easy to install and expand by local Network
- > Integrate with SIP server, IP-PBX and IMS
- > Support SIP, point to point or register mode
- > Remote managed by provision server and web UI
- > Support addressable Multicast broadcasting: unlimited end point devices
- > Unlimited endpoints and no extra cost for scale up

- > Group and priority interrupt function
- > CD quality streaming music playback
- > Two-way communication
- > Audio Codec:G.711, G.726, G.722, iLBC,L16
- > Auto discovery function for easy deployment
- > Remote configuration and Firmware upgrade by HTTP / APS

IP PA Speaker 4) ...

- > Powered from the IP network cable using PoE+
- > Build-in 20W power amplifier to drive speaker unit
- > Build-in Microphone for close loop auto testing
- > Build-in local playback wave file function
- > 1x Fast Ethernet WAN
- > 2x Antenna 802.11n WLAN (optional)



IP Horn Speaker



- > Compact size but very loud Sound
- > All Metal & Clear Sound
- > Dust and water tight IP66



IP Speaker driver



- > Easy to integrate with ceiling speaker
- > PoE+ or DC 12V power in

IP Audio Router 🖘



- > Switches interface for selectable group.
- > 1x FE WAN, 1x FE LAN, 1x 11n WLAN(optional)
- > 1x Audio In for background music encode
- > 1x Audio Out for monitor
- > 1x Microphone In

- > Scheduling files playback function
- > Web Configurable mapping UI page
- > Simple switches or fancy GUI console for zone selection
- > Broadcast leading/ending tones generation
- > Scheduled playback list function







VOIP
NGN
Auto Provision
SIP
GR-909 Loop Diagnostics
CDR

Impedance Synthesize/Analysis

H100 / H3000 / H500

1/2/4/8/16 ports VoIP Gateway with 2 WAN, 2 LAN Broadband Router

The H series is a Residential Gateway equipped with 1/2/4/8/16 standard phone ports, one or two 10/100 BaseTX Fast Ethernet WAN Ports (Auto MDI/MDI-X), and one or two 10/100 BaseTX Fast Ethernet LAN Ports (Auto MDI/MDI-X). With the integration of both voice and data, the H series offers ability to route data information into network solution.

The H series have voice support that includes Quality of Service (QoS), voice compression, bandwidth control, echo cancellation, dynamic latency (jitter) buffers, silence suppression, and comfort noise generation.

The H series is compatible with xDSL and Cable-Modem Broadband service providers with built-in support for DHCP Client, MAC Address Cloning, PPPoE, and multiple auto-provisioning methods. For Internet connection sharing in your home the H series offers support for up to 253 IP devices. Services offered to the internal home network are DHCP Server, Network Address Translation (NAT). Because the H series shares your single ISP IP address, it masks the local users' IP addresses from the outside world, preventing intruders and hackers from gaining access to network resources, data files or personal information.

Voice Signaling

- Support SIP v2 Standard (RFC3261)
- Register up to 4 Server simultaneously
- Support multiple dialing plan / Call hunting group
- Adaptive Jitter Buffer function
- IP screening table for authorized VoIP call in
- Flexible Routing table and profile

Voice Processing

- Free combination ports selection between FXS / FXO interface
- Programmable FXS / FXO impendence parameters
- Online line condition diagnosis report function, support GR-909
- Automation FXO Tran-hybrid parameter diagnosis and frequency response chart report function
- Audio CODEC:
 - -G.711 a-law / u-law, (64kbps) -G.726, (ADPCM 40, 32, 24, 16 kbps)
- -G.723.1, (5.3 or 6.3kbps) -G.729 (8kbps)
- Support T.38 and T.30 FAX
- Silence suppression and comfort noise
- DTMF In/Out band Relay
- DTMF/ Call progress detection and generation
- Support Caller ID generate and detect
- Support VAD, CNG, G.168, Jitter buffer and programmable gain control
- Customerization prompt IVR file

5: (5:	·· 10 \						
FirstDi	git1ime(Sec):	30 C	second.): [5	Timeout	or Re-entry routi	B: Disable :
Area Code	Min Digits	Max Digits	Destination	Strip	Prefix	Profile	Delete
1*123	1	5	ipivr	5			Delete
1*234	1	5	rect	5			Delete
00	1	20	rs				Delete
09	1	10	rs				Delete
V							Delete
		1	Reset Insert new				
Insert To:	6 Area	Code:	IPA	\ddress:			
			Add Reset				
	Area Code 1*123 1*234 00 09 v	Area Code Min Digits 11123 1 1 1234 1 1 00 1 1 00 1 1 V	FirstDigitTime(Sec) 50 C C Area Code Min Digits Max Digits 111234 1 5 5 5 5 5 5 5 5 5	Area Code	FirstDigitTime(Sec):	FirstDigitTime(Sec) 50	FirstDigitTime(Sec):

H100/H3000 1/4/8 channels VoIP/PSTN smart call router:

- IP/PSTN Dual Access Incoming and outgoing calls from both IP and PSTN networks use the same POTS phone set.
- Dual FXO/FXS interface for connect between PBX and PSTN
- Smart routing select between VoIP and PSTN by prefix number
- Automatic reroute the call via PSTN when VolP failure with warning sound
- Maintain the call by bypass relay when power failure
- Direct analog bypass route when call between Line and Phone
- Support call waiting notice when VoIP talking

Management

- Web Interface Management
- Support APS (Auto Provision Server)
- Remotely configuration/Upgrade by Web UI or APS.
- Support Call Detailed Records (CDR)
- 1 Reset button for load factory default.
- WAN IP configure can be programmed by IVR via phone set
- Online line condition diagnosis report function, support GR-909
- Support TR-069 auto provision protocol (Optional)
- Support Redirect Call log to CDR server function
- Support standard system even log function
- Support IPv6 (Optional)

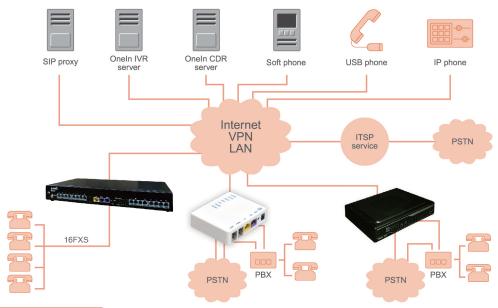
Router Functions

- Support static and dynamic IP from DHCP, PPPoE, Bridge mode
- LAN Build-in DHCP Server.
- Self-Protection against DoS Attacks
- Supported Protocol: UDP, TCP, NAT, BOOTP, HTTP, IEEE 802.3/ IEEE 802.3u
- Support SNMP, SNTP, DNS
- Powerful NAT function: Virtual Server, Port mapping, ALG, Static routing table
- Support IP TOS (Type of Service) for VoIP
- 2 WAN Redundancy backup function (H3000/H500)

Hardware Specification

- LED Indicators: POWER, STATUS, READY, WAN, LAN, PHONE, LINE.
- Power: H100:AC100V-240V,DC 12V/0.5A;
 H3000:AC100V-240V,DC 12V/2A;
 H500:AC100V-240V,DC12V/3A;

Applications



Ordering Information:

Product	H100 Series			H300/H3000 Series					H500 Series		
	H110S	H111P	H111	H120S	H340S	H380S	H304	H308	H3400	H3800	H516C
VoIP ch.	1	1	2	2	4	8	4	8	4	8	16
FXS Port	1	1	1	2	4	8			4	8	16
FXO Port			1				4	8	*4	*8	
PSTN Relay		1							4	8	
WAN Port	1	1	1	1	2	2	2	2	2	2	2
LAN Port	1	1	1	1	2	2	2	2	2	2	1







92 x 76 x 25mm

240 x 163 x 53 mm

350 x 157 x 45 mm

*H3400 / H3800 can free combination ports selection between FXS / FXO interface.



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Authorized Distributor:







W/N3000

1 port 11n Wireless VoIP Gateway

Model WN300N is Wireless Broad Router and VoIP built-in a single device, all in one. It is suitable for Triple Play Services. It is designed to carry both voice and facsimile over the IP network and wirelessly share internet access.

Model WN300N is also an 802.11 b/g/n wireless access point. Wireless N speed up to 300Mbps makes it iedal for heavy bandwidth consuming application such as internet calls, online gaming, HD video streaming. Wireless can enable, disable and RF Power can be adjusted using GUI. A built-in 4-port switch makes it possible to connect up to 4 Ethernet-enabled computers or devices to also share internet

Device is compatible with DSL and Cable-Modem. Device support DHCP, Static IP, PPPoE and Bridge, Multiple auto provisioning, TR-069. Gateway support up to 4 SIP Servers

To provide a secure wireless network, this Wi-Fi VoIP Router supports wireless data encryption with 64/128-bit WEP, WPA and WPA2.

Voice Processing

- Audio CODEC:
 - -G.711 a-law / u-law, (64kbps)
 - -G.723.1, (5.3 or 6.3kbps)
 - -G.726, (ADPCM 40, 32, 24, 16 kbps)
 - -G.729 (8kbps)
- Transparent pass through
- G.168 echo cancellation
- Carrier tone detection and generation
- Silence suppression and comfort noise
- DTMF In/Out band Relay
- DTMF/ Call progress detection and generation
- Support Caller ID (FSK, DTMF)

Voice Signaling

- Support SIP VoIP call
- Support SIP v 2.0 Standard (RFC3261)
- NAT Traversal
 - -Outbound Proxy
 - -STUN Server
- Register up to 4 Server simultaneously
- Support multiple dialing plan / Call hunting group
- Adaptive Jitter Buffer function
- Multiple call profile for different parameters

WLAN Functions

- 802.11 b/g/n Access Point, Wi-Fi compliant
- 2.4 GHz, 2T2R
- 802.1X, WEP, WPA TKIP and WPA2 AES/Mixed mode for PSK and TLS (Radius)
- Wireless Auto-channel selection
- Support with WEP, TKIP and AES encryption
- Support WMM, WPS, IAPP
- Wireless access control by MAC address (deny or accept)
- RF Power can be adjusted
- Support wireless AP / Client mode
- Transmit power 13dBm in 802.11n

Router Functions

- Support Static IP, Dynamic IP from DHCP, PPPoE, Bridge
- LAN build-in DHCP Server
- Self-Protection against Dos Attacks
- Support NAT through function
- Supported Protocol: UDP, TCP, NAT, RTP, RTCP, Redundancy RTP, SRTP, TFTP, FTP, HTTP,
 - TELNET, IEEE 802.3/IEEE 802.3u
- Support SNMP, SNTP, HTTP, FTP, NAT, DNS, uPnP, DDNS
- NAT function: Virtual Server, Port mapping, ALG, Static routing table
- Support QoS (ToS & DSCP) and Bandwidth control, reserve bandwidth for VoIP call when data traffic busy
- Support Port base VLAN

Fax Functions

- Fax / Modem Tone Detection & Discrimination
- T.30 and T.38 FAX Relay

Management

- Web Interface Management
- WAN IP configure can be programmed by phone with IVR prompt
- Support Auto Provision Server
- Support TR-069(Optional)
- Remotely configuration/Upqrade by Web GUI or APS
- Exportable CDR to CDR server
- Support Telnet and SNMP
- 1 Reset button for load default ID/Password
- Reset to Factory Default button in GUI

LED Indicators

Phone, LAN, WAN, WLAN, Ready

Button

WPS, Reset

Power

- External AC 110V 240V Power Adapter
- DC 12V/ 0.5A

Temperature

- Operation: 0 °C to 45 °C
- Storage: -20 °C to 75 °C

Humidity

Up to 95% Non-Condensing

Dimension

- 148 x 85 x 23 / mm (W/D/H)
- Weight: 146g

MAIN FEATURE

Internet Telephone

- 1FXS Port
- Support SIP VoIP Call
- Register up to 4 SIP Servers

Call Features

- Call Hold, Wait, forward, Transfer, DND
- Multiple dialing plan
- Greeting Message, Caller ID Delivery
- CDR Export

WAN/LAN Connection

- 1x10/100Mbps Ethernet WAN Port
- 4x10/100Mbps Ethernet LAN Port
- WAN Support Static IP, DHCP, Bridge, PPPoE

Wireless

- 802.11 b/g/n, 2.4 GHz, 2T2R
- AP, Client Mode
- 2x2 dBi fixed Antenna

Configuration / Upgrade

- Web GUI
- Auto Provision Server
- TR-069(Optional)

Build-in Router / Firewall

- DHCP Server and IP Sharing
- Build-in NAT Firewall

HOME OFFICE



Ordering Info:

Product Description

Model: WN300N 1FXS,1WAN, 4LAN Port 11n VoIP Gateway



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Authorized Distributor:







IP Phone657

Multifunction IP Phone For VoIP / Wireless Network

- Large Dot Matrix LCD Display, 128X64 dots, support multi language
- 4 Programmable Soft key for user friendly interactive
- 4 Programmable function key with color LED indicator
- Speakerphone for Hands-free conferencing
- Register up to 4 SIP proxy server mixable simultaneously
- Supports Advance Calling Features Such As Redial, Hold and Transfer
- Build-in PoE (Power Over Ethernet) power input
- Build-in NAT / Firewall, DHCP Server and client, Bandwidth control function

The IP657 IP Phone is a full-featured, cost-effective, standard-compliant telephone that can be easily plugged to your home or office network via Ethernet cable. This next generation VoIP Phone that provides a cost-saving solution for a Enterprise / small business / home users on their telecommunication needs.

The IP657 incorporates Quality of Service (QoS) function to deliver clear, igh-quality voice communication in a variety of network conditions. Also support voice compression, echo cancellation, dynamic latency (jitter) buffers, silence suppression and comfort noise generation.

The IP657 includes an integrated speakerphone, as well as a LCD screen to display call information, such as the numbers you dial, address book entries, and caller ID numbers. The menu keys make browsing the address book an easy process, while 4 speed dial keys give you an easy dialing. The IP657 also supports features such as redial, transfer, speaker phone, conference, call waiting, call forwarding, and hold.

Connect Port

- 1x RJ-45 10 / 100Mbps WAN Ethernet Port
- 1x RJ-45 10 / 100Mbps LAN Ethernet Port

LCD Display

• 128x64 dot matrix LCD with backlight

wireless (optional)

- Complies IEEE 802.11g / n(draft)
- WEP (64/128-bits)
- WPA & WPA2

Feature keys

- Total 28 keys:
- 12 numerical Keys: 0~9, *, #
- 4 Soft keys, interactive with LCD display
- 4 Feature keys, programmable with color LED indicator
- 5 multi function keys: up, down, left, right, enter
- 3 hard keys: Hand free , Volume +/-

VoIP function

- · Support SIP standard
- Support Outbound Proxy / STUN server
- Register up to 4 Server simultaneously
- Support multiple dialing plans
- Adaptive Jitter buffer
- Audio CODEC:
 - G.711 a-law / u-law (64 kbps)
 - G.723.1 (6.3 / 5.3 kbps)
 - G.726 (ADPCM 40, 32, 24, 16 kbps)
 - G.729 (8 kbps)
 - iLBC (15.2 / 13.3 kbps)
 - GSM (13 kbps)
- Silence suppression and CNG
- DTMF In / Out band Relay
- DTMF / Call progress detection and generation
- Support VAD, G.168

Management

- build in user friendly Web UI
- Web-base firmware Upgrade
- Support Auto Provision System
- Support TR-069 (Optional)
- Support SNMP
- Support Telnet CLI

Call Handing Features

- Call timer display
- Time and date display
- · Call transfer, hold, forward
- Local three-way conference
- One-touch Speed dial for 4 keys
- Missed call notification
- Forward call (always / on busy / no answer)
- · Last call return, redial
- Voice Message (Extensible by external IVR)
- Phone Book directory
- · Customized music ring tone

Router Functions

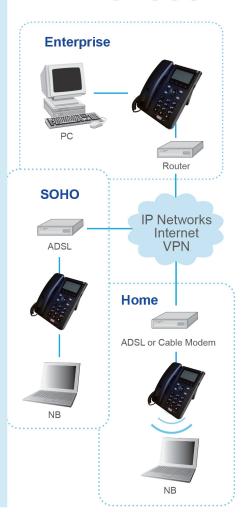
- Support static, dynamic IP from DHCP, PPPoE
- Build-in DHCP Server and client
- Dynamic DNS Support
- Support Network access rules (LAN to WAN & WAN to LAN)
- Self-Protection against DoS Attacks
- Support NAT through function
- Supported Protocol: UDP, TCP, NAT, BOOTP, HTTP, IEEE 802.3 / IEEE 802.3u
- Support SNTP, DNS, DDNS
- NAT function: Virtual Server, Port mapping, ALG, Static routing table
- Support QoS (TOS) for VoIP

Specification

- LED Indicators: Ringing / MSG, Hand free
- Power: Adaptor, AC100V-240V, DC 12V / 0.5A (Max)
- Power: PoE on WAN port
- Temperature: 0°C to 50°C (Operation),
 -10°C to 55°C (Storage)
- · Humidity: up to 90% non-condensing
- RoHS
- CE compliant
- Dimension: 155 x 200 x 135 mm (W / D / H)
- Weight: 800g



IP Phone657



Ordering Info:

Product

Description

Model: IP657

IP Phone with PoE



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ReadyLog Recording Server offers many value-added enterprise-grade advantages, including:

- Non PC base, special design embedded Network Server, provide robust, energy-saving, virus immunity 24H reliable operation.
- Web base user interface, easy configuration and administration from Internet or Intranet, no any admin PC software install require, admin from any PC, notebook, Mac PC, Smart phone, PAD by browser.
- O User-friendly Web UI and compact design allow simple and rapid deployment.
- © Recorded files can be automatic backup to external HDD through USB port .
- Depend on the recording time space require, selectable internal storage disk from USB or HDD disk, from 8GB to 2TB.

Depend on the recording time space require, selectable internal storage disk from USB or HDD disk, from 8GB to 2TB.

Ordering Information:

Porduct	Spec.	Record channles	Internal Storage (Optional)	
RL-S001-8G	1WAN ,1LAN	1	Flash disk 8G	
RL-S001-32G	104*84*27mm	1	Flash disk 32G	
RL-M004-32G	1WAN, 2LAN	4	Flash disk 32G	
RL-M008-32G	2 USB, 1	8	Flash disk 32G	
RL-M012-32G	RS-232	12	Flash disk 32G	
RL-M016-32G	240*163*53mm	16	Flash disk 32G	
RL-L004-1TB	1WAN, 2LAN	4	SATA HDD 1TB	
RL-L008-1TB	2 USB, 1	8	SATA HDD 1TB	
RL-L012-2TB	RS-232	12	SATA HDD 2TB	
RL-L016-2TB	433*161*45mm	16	SATA HDD 2TB	









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Authorized Distributor:





ReadyLog Recording Server Professional Network Server for Phone recording

- Productivity Improvement
- Transaction Reconfirm
- Service Quality Check
- Prevent Potential Loss
- Regulatory Compliance





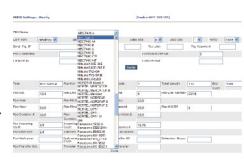




ALLWIN ReadyLog series is a digital call recording server that provides unattended, high-quality digital recording of voice and call data. Thousands hours of telephone conversation can be recorded and played back instantly from local or remote PC, PAD, Smart phone with web browser. Three models of Readylog servers can provide one to sixteen recording channels depending on the user's required. Its innovative and rich functions are suitable to improve the operation of today's enterprises, such as stock trading, mail/TV order, public safety, military and government. With the compact profile design, it is prefect choose for SOHO and personal usage also.

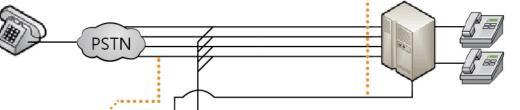
TCP/IP and RS-232 SMDR ports

Get Call Detail Records (CDR) included Time, Date, Call Duration, Number dialed, Caller ID information, Extension, Line/trunk location, Call completion status from PBX' s TCP/IP or RS-232 SMDR(Station Message Detail Recording) port. ReadyLog server will combine the SMDR data and recorded wave files to data base for user's querying. ReadyLog built-in SMDR editor can help user elected from the list of exist PBX vendor and models, or easily define SMDR parsing grammar format customization.



Robust Embedded Design

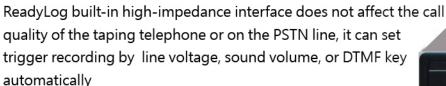
Unlike other vendor use general-purpose PC and Windows, ALLWIN Readylog recording server is based on powerful 32-bit network RISC and DSP chip dedicated hardware and software design. The result is great reliability enhance due to virus immunity and prevent hacking.



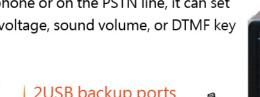
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1/4/8/12/16 recording channels in single compact box.

ReadyLog



Easy Installation, Voltage/Sound/DTMF trigger record



2USB backup ports

Backup recorded files to external USB disk automatically.

Real-time Online monitor by Web **Browser**

User can login the ReadyLog server by Internet browser to see how many lines are talking, and can click to listen real time conversation on the phone call.

Easy to inquire recorded wave files by combine search term

User can easy to sort out interesting recorded wave files by combine the search term of date, time, call in or out, Number, Duration, Department and Extension number.

Internet **ADSL**

Energy-Saving

Telephone recording system is usually 24 hours a day, seven days a week operation never shut down. Therefore, low-power becomes a very important consideration. Compare to other PC base recording system, ALLWIN Readylog server full loading only requires supply by an external DC 12V2A /12V3A adaptor. The result is great saving at least 80% of the energy.

After user input search condition, ReadyLog will display how many records matched, once user accept the result, ReadyLog can generate an off line homepage include CDR main page and wave files to allow

user easy to portable and offline browse

SMITP Password 0 Daily Report Sed Receiver Email2 75 🗸 %

Automatic Email Alert function

ReadyLog server will send alert email to users(up to 3 users) to noisily if abnormal events happen like: long time no Recording, Hard disk & USB backup device almost full.....

Web Administrator User Interface

More then one administrators and users can use any Internet browser of PC, MAC, NB, PAD Smart phone to configure ReadyLog server and access recorded files simultaneously. It is more compatibility and maximum convenience rather than install any client software.

The ReadyLog server provides user the freedom to monitor and operate the system from Internet or Intranet browser. The server also keeps the access log for record.

User=michael		
Time	Act	Remark
2012-05-15 15:50:04	Add Department	Customer Service
2012-05-15 15:48:20	Add Department	Sales
2012-05-15 15:47:45	Add Department	Financil
2012-05-15 14:24:10		124022
2012-05-15 14:13:49	User save Wav	124020
2012 05 15 14:13:08	Savc Wav	124020,124021
2012-05-15 14:06:38		124020