

## VOICELOG Logging Technology:

VoiceLog™ is an advanced Call Monitoring, Recording and Logging system which integrates onto all Microsoft Windows platforms.



Each VoiceLog™ system can be supplied as a complete Windows based 19" rack mount industrial server system or the more commonly used tower version.

Typically all external telephone lines (also referred to as "ports" or "channels") are monitored by the system in a transparent and non-intrusive way.

This means that external callers or users of internal extensions cannot hear or notice that their call is being monitored.

VoiceLog™ monitors each line in such a way that the line itself is not affected at all.

## Basic Features:

VoiceLog™ offers many advanced features combined with an intuitive user interface. Some of the outstanding features are:

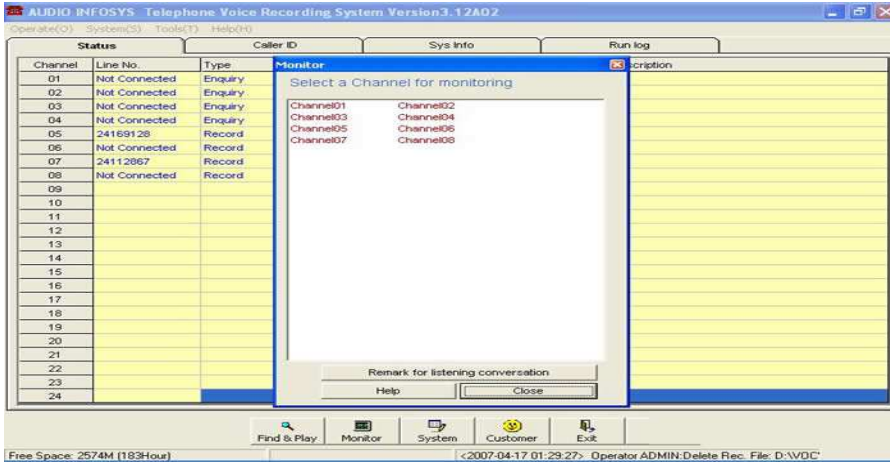
- Capacity from 4 up to 256 ports in a single industrial 19" chassis, servers can be daisy-chained together to a capacity of 6 servers and utilizing one console thus providing huge capacity or redundancy.
- Analogue Extension, Analogue CO Line, Digital Extension, Basic Rate ISDN and Primary Rate ISDN (ISDN30).
- Superior voice recording quality at 64kbit/s, 36kbit/s, 16kbit/s and 8kbit/s proprietary compression.
- Advanced user and security management.
- Ultra secure encrypted recordings.
- Extensive searching capabilities.
- Extra text like remarks or notes can be added to every recording.
- Live monitoring and playback (locally or over the LAN).
- Integrated scheduled backup facilities.
- Export facility for MP3 or WAV files.
- Drag and Drop recordings directly into folders or email.
- LAN integration with remote search and voice playback tools.
- PABX SMDR (extension information)
- Supports VOX recording

## CALL MONITORING:

Channel	Line No.	Start Time	Call Type	Dialing number	Duration	Description	Important	Rec. File Name
01	24169128	2007-03-26 10:37:03	Outgoing	67531400	00:00:58	N		20070326103703000167531400.VC2
01	24169128	2007-03-26 10:38:56	Outgoing	251882669	00:01:16	N		200703261038560001251882669.VC2
01	24169128	2007-03-26 10:42:22	Outgoing	278123000	00:01:21	N		200703261042220001278123000.VC2
01	24169128	2007-03-26 11:04:46	Outgoing	664422011	00:00:14	N		200703261104460001664422011.VC2
01	24169128	2007-03-26 11:05:03	Outgoing	66442201	00:00:25	N		20070326110503000166442201.VC2
01	24169128	2007-03-26 12:34:54	Outgoing	9869978439	00:01:03	N		2007032612345400019869978439.VC2
01	24169128	2007-03-26 12:39:15	Outgoing	4169704	00:00:25	N		2007032612391500014169704.VC2
01	24169128	2007-03-26 12:58:05	Outgoing	9819625211	00:00:36	N		2007032612580500019819625211.VC2
01	24169128	2007-03-26 12:59:05	Outgoing	9819569010	00:00:50	N		2007032612590500019819569010.VC2
01	24169128	2007-03-26 12:59:57	Outgoing	9819569010	00:00:33	N		2007032612595700019819569010.VC2
01	24169128	2007-03-26 13:00:38	Incoming	9819569010	00:00:17	N		2007032613003800019819569010.VC2
01	24169128	2007-03-26 13:02:04	Outgoing	9819569010	00:00:20	N		2007032613020400019819569010.VC2
01	24169128	2007-03-26 13:02:25	Outgoing	67531400	00:01:19	N		20070326130225000167531400.VC2
01	24169128	2007-03-26 13:05:05	Outgoing	67531400	00:00:53	N		20070326130505000167531400.VC2
01	24169128	2007-03-26 13:06:16	Outgoing	9819569010	00:00:17	N		2007032613061600019819569010.VC2
01	24169128	2007-03-26 13:07:47	Incoming	923514472	00:00:47	N		200703261307470001923514472.VC2
01	24169128	2007-03-26 13:11:45	Outgoing	9819609010	00:00:13	N		2007032613114500019819609010.VC2
01	24169128	2007-03-26 13:12:00	Outgoing	9819609010	00:00:19	N		2007032613120000019819609010.VC2
01	24169128	2007-03-26 13:22:19	Incoming	9819569010	00:00:17	N		2007032613221900019819569010.VC2
01	24169128	2007-03-26 13:22:40	Outgoing	9821452797	00:00:33	N		2007032613224000019821452797.VC2
05	24169128	2007-04-09 00:24:37	Outgoing	24181108	00:00:41	N		200704090002437000524181108.VC2
05	24169128	2007-04-09 00:25:23	Outgoing	24182929	00:06:07	N		200704090002523000524182929.VC2
05	24169128	2007-04-09 01:34:19	Outgoing	6856370	00:04:29	N		2007040901341900056856370.VC2
05	24169128	2007-04-09 01:55:36	Outgoing	40999999	00:00:58	N		2007040901553600054099999.VC2

Total Rec. Files: 1383      Total Durations:      Total Size:        
 Play      Refresh      Rec. Folder      Help        
 Complex Search      Delete Current file      Delete Batch      Close

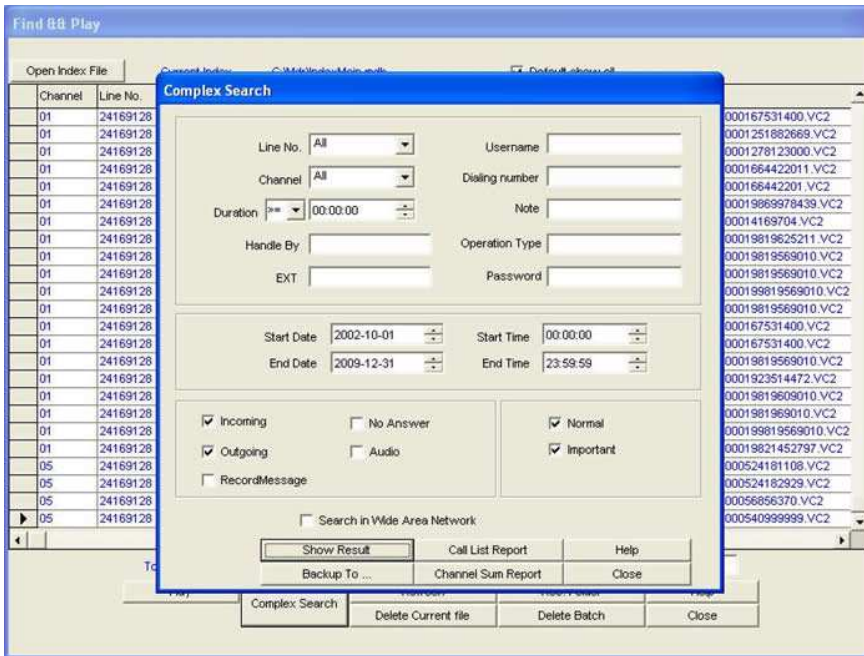
Live monitoring of a channel can be started or stopped. A channel can be forced to start to record as being an inbound, outbound or voice activated call. In addition a channel (or all channels) being recorded can be cleared in order to stop these recordings in progress.



The **Complex Search** screen is used for searching and listening to recordings.

The upper list shows all recordings available which have matched the search criteria. The recordings that have matched the criteria can be sorted on every column item by clicking on the preferred columns heading, by pressing the show all button, all recordings available regardless of any search criteria will be displayed.

## Search Criteria

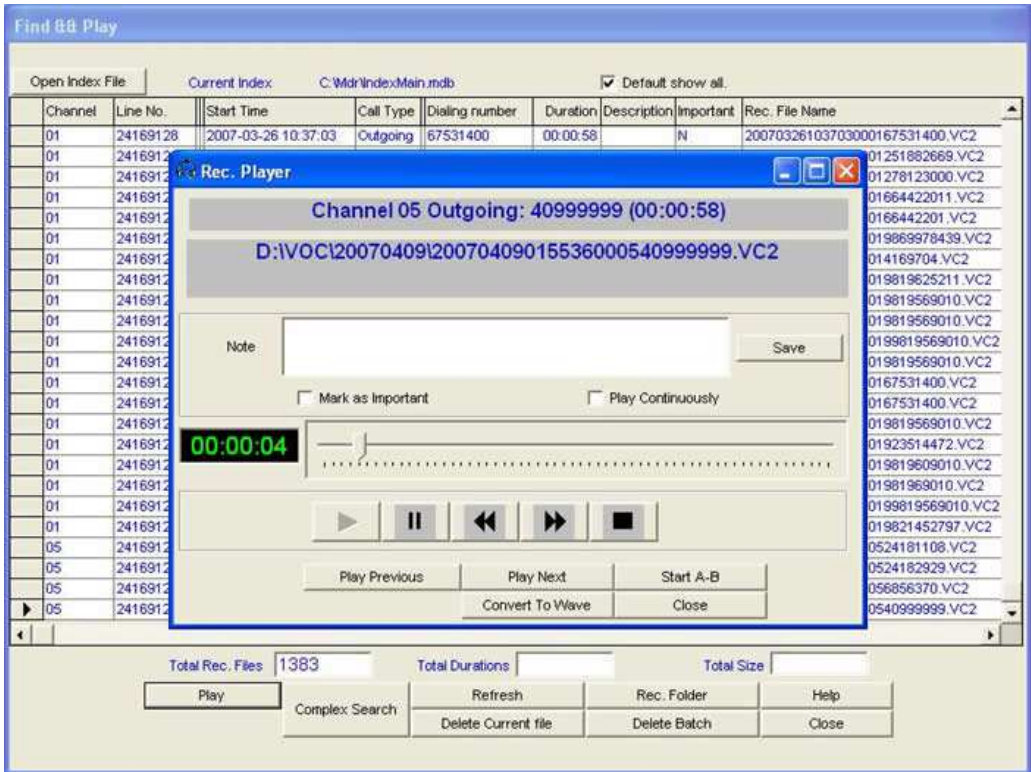


The **'Date & Time'** tab will include the date and/or time into the search criteria. The date criteria allows for selecting a **'Single Day'** or a **'Period'**.

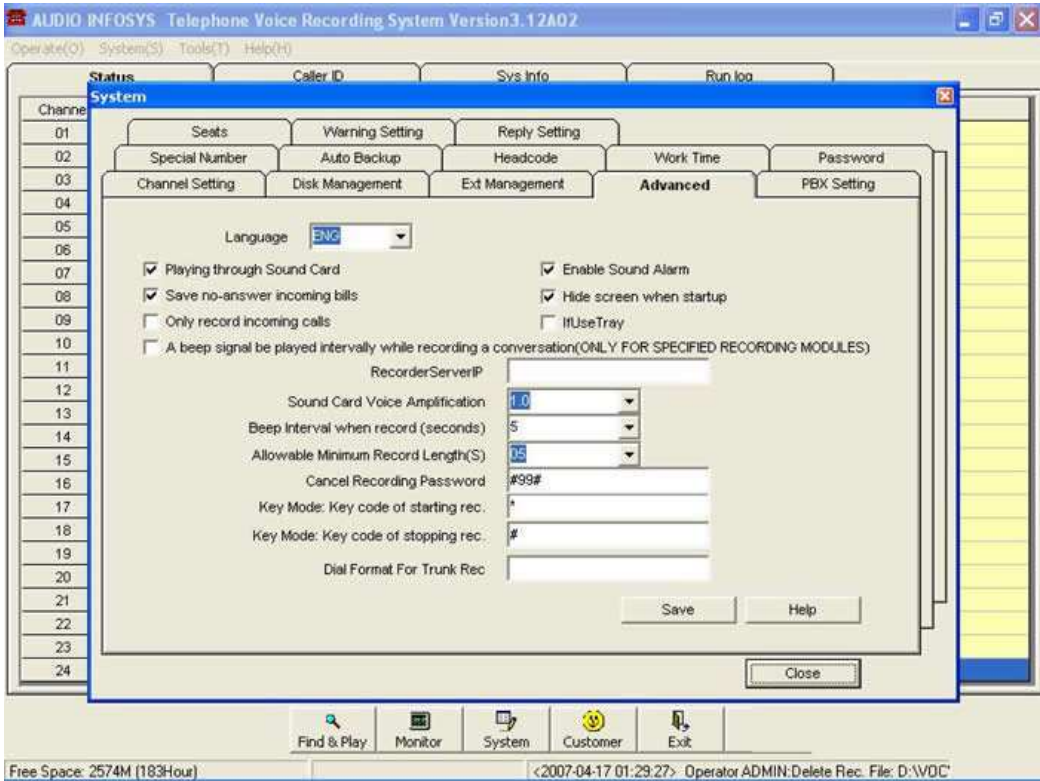
The **'Extended Information'** window will show information from the Phonebook if there is an accurate match available with the dialled (DDI) number or received CLI number. This information can be modified and remarks can be added to it which becomes a searchable field. The list of recordings can be written to file for printing or archiving. Multiple recordings can be saved or exported at the same time

The Live client application enables a user to listen, on a remote client machine with a Windows compatible sound card, to live conversations on selected **Voicelog™** ports / channels

**PLAYBACK RECORDINGS:**



The playback recorder option allows the user to flag the recording "Mark as Important" and make notes regarding the recording and save them.



## User Management

An unlimited amount of users, each with their associated access rights, can be created

A trace can be created of all user activity regarding local and remote client access, playback of recordings and deletion of recordings.

When the 'Use Encryption' checkbox is checked, Voicelog™ will use a default encryption key to store recordings on disk. Entering a random number in the edit box will 'personalize' the encryption key and all new recorded voice files on the disk will be unreadable for other Voicelog™ systems that do not have the same encryption key programmed. When unchecked, the files will not be encrypted and will be readable by most commercially available audio player programs.

<b>Compress Rate:</b>	Hardware=2 Software=5		
<b>Module voltage resistance:</b>	240V	<b>Codec:</b>	HDB3 /AMI
<b>Max installation for 1 PC:</b>	10 (160 channels)	<b>Power Consumption:</b>	15W
<b>Working Temperature</b>	5 DegC-40 DegC	<b>Signal-To-Noise:</b>	30dB
<b>Humidity:</b>	5%-85%	<b>Storage Temperature:</b>	5 DegC-40 DegC
<b>Frequency Range:</b>	300-3400Hz	<b>Input Impedance:</b>	600
<b>Clock and Data Recording</b>	Complied to CCITT Rec.G.823-1988	<b>Frame Structure:</b>	CCITT G.704-1988
<b>Data Rate:</b>	64KBPS-32KBPS-16KBPS	<b>Voice Distortion Rate:</b>	2%
<b>Caller ID:</b>	FSK-DTMF	<b>FSK Modulate Mode:</b>	Logical 0:2200Hz+-1%
<b>Signal Monitor:</b>	Signal sound, voice sound	ii	Logical1:1200Hz+-1%
<b>DTMF Code</b>	0~9#ABCD	<b>Data Transmission:</b>	Binary asynchronous serial
		<b>Voice Function:</b>	WAV, VC2, VC5,AGC
<b>Shaking limit:</b> Complied to CCITT Rec.G.823,G.737,G.739,G.742-1988			
<b>Phone Status Judge Voltage</b> 70-100V(Ring) 20-48V(Idle) 5-17V(Hang up) 3.2V(Power off)			



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