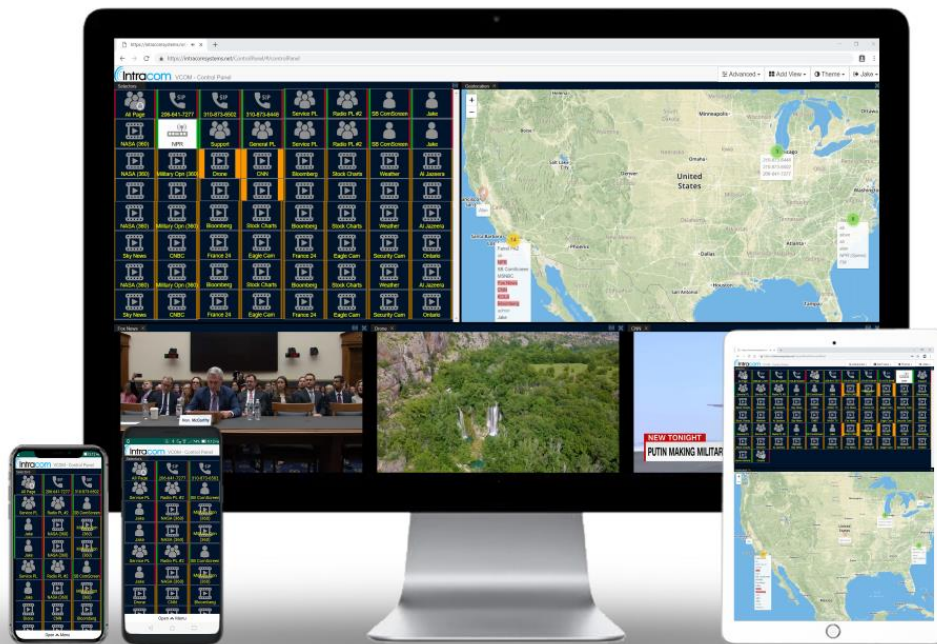




Adding SIP Lines to VCOM



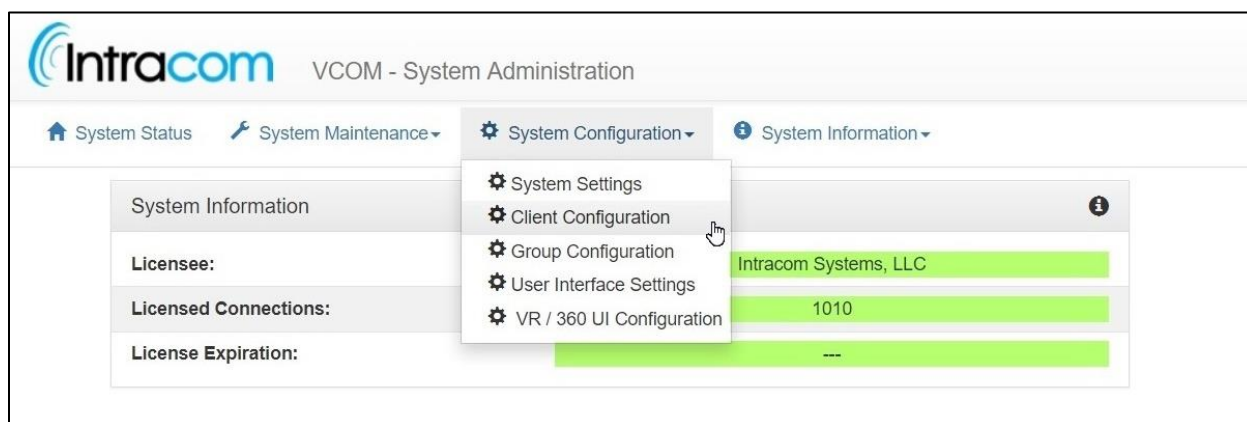
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PURCHASING SIP LINES

Intracom Systems does not provide SIP lines. The lines must be purchased through a 3rd party phone line provider. VCOM can connect to SIP lines using a Direct IP Trunk or a Registered Trunk. A Registered Trunk is the preferred method and will be covered in this guide. VCOM requires 1 trunk per DID. Once a SIP line is purchased you will be provided a phone number, username, PBX IP, and you will set up a password.

ADDING THE LINES TO VCOM



After logging into the VCOM System Administration under the System Configuration tab click **Client Configuration**.

	Type	Talk/Listen Name	Listen Only Name	Login Name	Login Password	Description	PL	Latchab
	filter	filter	filter	filter	filter	filter	filter	filter
VCP	Windows Desktop	0				Video #2		Yes
VCP	Apple iOS	19 Char Test		123456789012...		19 char user name test		Yes
VCP	Apple iOS	20 Char Test		123456789012...		Test for 20 Char Username		Yes
VCP	Windows Desktop	Adam G.		adam	ADAM	Adam Godlewski		Yes
VCP	Windows Desktop	Alan		alan	1234	y		Yes

Click **Add**.

Add Client

Client Identification

*Client Type: SIP Device: Intersystem/PBX Registered Trunk

Client Description:

*Login Name: 12738_73951

Login Password: 9127401

Allow Anonymous Login: ON OFF

Use Domain Authentication: ON OFF

*Selector Talk/Listen Name: 206-641-8583

Selector Listen Only Name:

Selector Image: Choose File No file chosen

Fields marked with an asterisk (*) are required.

Options

Disable Client Login / Connection: ON OFF

Always Show Selector when Off-line: ON OFF

Latch Disable Talk Selector: ON OFF

Party Line Operation: ON OFF

On the Client Type drop-down menu select “SIP Device: Intersystem/PBX Registered Trunk”. For Login Name enter in the username given by your SIP provider. The Login Password will be the password you set up with the SIP provider. In the screenshot above the Selector Talk/Listen Name is set to the phone number but this is not required. In the options panel below enable “Always Show Selector when Off-line”. Click save at the bottom of the menu.

Intracom VCOM - System Administration

System Status System Maintenance System Configuration System Information

Refresh Add Edit Selector Assignments Audio Settings Options Delete Duplicate

Type	Talk/Listen Name	Listen Only Name	Login Name	Login Password	Description
VDI	Four-Wire Interface	RTL Radio	io01		I/O #1
VDI	Four-Wire Interface	Test tone	tone	1234	
VDI	2-Way Radio Interf...	USFS	radio4		Radio #4
SIP	Telephone Adapter	2000	ARA-1		
SIP	Registered Trunk	206-641-7277	101235_22749...	Intra73915com	206-641-727
SIP	Registered Trunk	206-641-8583	12738_73951	298472	
SIP	Registered Trunk	206-641-8584	18264_71938271	298472	206-641-858
SIP	Registered Trunk	310-873-6448	101235_23187...	Intra73915com	SIP CONF #

Click on the client you just made to highlight it then click **Options**.

Digits to Send on Talk Activation / Deactivation /

Log Voice Activity to Activity Log On Off

SIP Direct IP Trunk / Registered Trunk Options

SIP Target User Name

SIP Target Primary Host Name

SIP Target Secondary Host Name

SIP Target Proxy Server IP Address (optional)

SIP Registration Expiration Time in Seconds

STUN Server or Proxy IP Address Port:

Cancel Save

Scroll down to the bottom of the menu. For the SIP Target Primary Host Name enter in the PBX IP given by your SIP provider. You can also enter in the SIP Target Proxy Server IP Address, although this step is optional.

The screenshot shows a configuration window with several fields. Two fields are highlighted with red boxes and marked with a red 'X' in the top right corner: 'Call Notification Ring Tone' and 'Auto-Answer Notification Message'. Both have a 'Choose File' button and a 'No f...osen' button with a speaker icon. The 'Auto-Answer Delay Time in Ms' field is also highlighted with a red box and contains the value '1000'. Other visible fields include 'Auto-Answer Access Code' and 'Internal SIP Client'.

The settings show above can be left default but it is likely that you will want to change them. Below is a description of what each option does.

Call Notification Ring Tone: A file path can load an audio file to be played when an incoming call is placed.

Auto-Answer Notification Message: This option allows the selection of an audio wave file to be played as the notification message to the caller to indicate that the connection has been established between the SIP client and the VCOM Virtual Matrix. User provided files can be uploaded to the server provided the files are in a 16 bit mono audio format, preferably set to the same Audio Mix Sample Rate of the Virtual Matrix.

Auto-Answer Delay Time In Ms: This option sets the delay time in milliseconds after which the VCOM Virtual Matrix will automatically answer a received SIP call. Typically this value will be set to zero such that the call is answered immediately. In some situations it is desirable to delay answering the call so that VCOM Control Panels listening to that line will hear a ring signal.