ESI Click to Call Application

IP Server 900 & Communications Servers User's Guide





About

ESI (Estech Systems, Inc.) is a privately held corporation based in Plano, Texas. Founded in 1987, ESI designs and builds innovative telecommunications products for businesses like yours. Because of their powerful combination of value and features, ESI products are consistently recognized by industry publications and leaders.

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Introduction

ESI Click to Call is an application that helps bridge the gap between your ESI phone system and your PC, allowing you to dial a phone number from practically anywhere in *Windows®* through your ESI phone, as well as screen "**pop**" records from your CRM (Customer Relationship Management) based upon the Caller ID Number of incoming calls.

Features

ESI Click to Call features the following capabilities:

- Initiate outbound calls from your PC,
 - o Including one-click dialing from Google Chrome[™] and Mozilla Firefox[®] web browsers
 - Dial numbers from any Windows application
- CRM Integration
 - Screen "**pop**" a customer record based on incoming Caller ID
 - Works with most CRM's
 - Customizable to work with other CRMs

System Requirements

In order to ensure a successful installation, please make sure your ESI System and PC meets the following requirements

ESI System Requirements

ESI Click to Call is Compatible with:

- ESI Communications Servers: (ESI-50, ESI-100, ESI-200, ESI-600, ESI-1000)
- IP Server 900
- Call Processing software:
 - IP Server 900 System software v. 25.1.2.1 or higher.
 - ESI Communications Servers v. 5.54.21 or higher.

In order to use ESI Click to Call, system must be equipped with:

- Licenses: VIP 7
- Application: VIP 7 or the IP Server 900 API must be on the PC
- Application: WinPcap for Windows 8 or 10 PC's

PC Requirements

The following are the recommended minimum system requirements in order to install and run *ESI Click* to *Call*:

	Win	dows Ope	rating Syster	ns		PC Ha	rdware	
	Win 10 Pro	Win 8, 8.1 Pro	Win 7	Vista	Processor	Ram	Free HDD Space	LAN
ESI Click to Call	Yes (64-bit)	Yes (64-bit)	Yes (32/64-bit)	Yes (32/64-bit)	Multi-core	1 GB	100 MB	YES

Note: Neither VIP 7 nor the IP Server 900 API is compatible with a Terminal Services or Citrix-type environment; therefore, ESI Click to Call is not compatible with these environments.

Pre-Installation Checklist

Before attempting to install ESI Click to Call, perform the follow steps:

- Update your PC with all recommended Microsoft Windows updates. You can begin this process by going to <u>www.microsoftupdate.com</u>.
- 2. Ensure that you have Administrator privileges on the local PC where you will install the software.

Installation

Before installing *ESI Click to Call*, you should first install either ESI *VIP 7* (sold separately), or the ESI IP Server 900 API. This is required for TAPI (Telephone Application Programming Interface) driver functionality.

After extracting all the files in the installation archive to their own folder, double-click on the file "**Setup.exe**" to launch it.

NOTE: If there are any additional Microsoft components that need to be present on your PC in order for ESI Click to Call to run correctly, you will be prompted to install them. If so, install the updates and proceed with the install.

Steps
 After any pre-requisites are installed on the PC, you will see the following screen: Click on the "Next" button to proceed. The Following Screen shows
 Please read through the End User License Agreement for the <i>ESI Click to Call</i> software carefully to ensure that you agree with the terms of your use of this software. Once completed, select the "I Agree" then click the "Next" button to proceed with the installation. You will then be asked to specify where you would like <i>ESI Click to Call</i> to be installed:
 You may choose the default location and click the "Next" button.

Setup Screen	Steps
ESI Click to Call Setup X Ready to Install The Setup Wizard is ready to begin the ESI Click to Call installation	 On the following screen, click "Install" to begin the installation.
Click "Install" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard.	
< Back Install Cancel	
Installing ESI Click to Call ×	During the installation you will see the following screen:
Please wait while the Setup Wizard installs ESI Click to Call. This may take several minutes.	
Status:	
< Back Next > Cancel	
ESI Click to Call Setup X Completing the ESI Click to Call Setup Wizard Click the "Finish" button to exit the Setup Wizard.	8. Click " Finish " to complete the installation.
< Back Finish Cancel	

Configuration

Accessing Settings

To access the Settings screen of *ESI Click to Call*, the program must first be running. *ESI Click to Call* is set to launch automatically with *Windows*[®]. You can verify it is running by locating the following icon in the Windows System Tray, near the clock:



Note: if you do not see this icon (white phone handset/mouse with dark blue background), you may click the white, upward-pointing triangle to the left in that area to see additional icons.

You may either double-click the *ESI Click to Call* icon in the System Tray, or right-click it and then leftclick the "**View Settings**" option that appears. You will then see the following screen:



Click on the "Settings" tab near the top of the window, and you will be taken to the Settings page:

ESI Click to Call (1.2.20.0)	
esi Click to Call	NEED HELP ?
Status Settings Phone System/Phone Outbound Dialing Inbound Calls License Tools	
(no further settings normally required)	
Windows 8/10 TAPI Workaround Activate this feature if inbound Caller ID information is not being received. NOTE: In order for this workaround to succeed, you must first download and install WinPcap (you MUST tell it to launa automatically with Windows). You may also need to restart this software once as Administrator after the WinPcap inst Download WinPcap (http://www.winpcap.org/install/default.htm)	
Use workaround NSP IP Address: Extension number:	
Save Settings Save Settings As Load Settings	

Now let's discuss each Settings screen (tab) in detail.

Phone System/Phone Settings

The Phone System/Phone settings tab appears as follows:

ESI Click to Call (1.2.20.0)			
esi Click to Call			NEED HELP?
stus Settings			
hone System/Phone Outboun (no further settings normally Windows 8/10 TAPI Word	required)	pols	
NOTE: In order for this w automatically with Windo		wnload and install WinPcap (you MUST tell oftware once as Administrator after the WinF	
Use workaround	NSP IP Address:	Extension number:	
2018	and the second second		

No further settings are normally required on this screen. If your PC operating system is *Windows*[®] 8 or 10, and inbound Caller ID information is not being received, you may check the "**Use workaround**" box. Note that, in order for this workaround to succeed, you must first download and install the third-party application *WinPcap* (free of charge as of this writing). During installation, you must tell it to launch automatically with *Windows*[®]. When you have checked the "**Use workaround**" box, the NSP IP Address and Extension number should automatically populate, assuming you have already installed *VIP 7* or the IP Server 900 API on this PC.

Outbound Dialing Settings

The Outbound Dialing settings tab appears as follows:

ngs em/Phone Outbound Dialing nbound Calls License Tools expyring a phone number to the Windows clipboard (by pressing Ctrl-C twice): lace the call immediately how the Dial window (click to place call) to not monitor the keyboard Rules collow the Windows dialing rules Dialing Rules Ise the following dialing rules: 7 Digit Dialing Area Codes: 10 Digit Dialing Area C	
em/Phone Outbound Dialing nbound Calls License Tools copying a phone number to the Windows clipboard (by pressing Ctrl-C twice): lace the call immediately how the Dial window (click to place call) to not monitor the keyboard Rules collow the Windows dialing rules Dialing Rules	
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o not monitor the keyboard Rules ollow the Windows dialing rules Dialing Rules se the following dialing rules:	
Rules ollow the Windows dialing rules Dialing Rules ise the following dialing rules:	
ollow the Windows dialing rules Dialing Rules	
se the following dialing rules:	
7 Digit Dialing Area Codes: 10 Digit Dialing Area C	
	lodes:
Remove	Remove
Add	Add
On unmatched area codes, dial as 10-digit ()f unchecked, will dial as long dis	tance with a 1 in front of number)
Before local calls, dial 9 and before long distance calls, dial 9	

There are two sections to this tab: Windows Clip board option and Dialing Rules.

Windows Clipboard option

ESI Click to Call allows for the PC user to initiate dialing of any phone number that can be copied to the *Windows®* clipboard; this is initiated by highlighting the telephone number, and then holding down the Ctrl button and pressing C twice.

When copying a phone number to the Windows clipboard (by pressing Ctrl-C twice):
 Place the call immediately
 Show the Dial window (click to place call)
 Do not monitor the keyboard

The user has the option to:

Selection	Function
Place the call immediately:	Default option and will be suitable for most users.
Show the Dial window (click to place call):	If this option is chosen, when the PC user highlights a
	phone number and presses Ctrl-C twice, the number will
	not immediately dial, but instead a small window will show
	indicating that a phone number was detected; the user can
	then manually click a Dial button in this window in order
	for the call to be dialed.
Do not monitor the keyboard:	This has the effect of disabling this dialing functionality.

Dialing Rules

These rules that must be followed at each customer site in order to properly call various number types

(for example, local and long distance) will vary. In this section, these dialing rules must be specified.

Digit Dialing Are	ea Codes:	10 Digit Dialing Area Codes:
	Remove	Remove
	Add	Add

There are two methods in which these rules can be specified:

Selection	Function
Follow the <i>Windows®</i> dialing rules:	Windows® has a set of built-in dialing rules that can be accessed and followed. If this PC has any other programs that may require the Windows® dialing rules to be specified, you can indicate in ESI Click to Call that these rules should be followed. For convenience, a " Dialing Rules " button is provided to navigate directly to the Windows® dialing rules setup.
Use the following dialing rules:	If you do not wish to use the <i>Windows®</i> dialing rules, or if they do not allow for enough specificity (for example, you are at a site where all local and long distance numbers should be dialed as ten digits), you may specify dialing rules directly within <i>ESI Click to Call</i> . This has the added advantage of being able to save the configuration file and copy it to other PCs, which would be especially helpful at site installations where many seats must be configured.

Note: One-click dialing is possible with ESI Click to Call, for phone numbers on web pages in either the Google Chrome[™] or Mozilla Firefox[®] browser. In order to install the necessary browser plugins, refer to the separate topic, <u>Tools Settings</u>.

Understanding CRM

Customer Relationship Management (CRM) is an approach to managing a company's interaction with current and future customers. The CRM approach analyzes data about customers' history to improve business relationships with customers, specifically focusing on customer retention, and ultimately to drive sales growth.

The primary goal of customer relationship management systems is to integrate and automate sales, marketing, and customer support. Therefore, these systems typically have a dashboard that gives an overall view of the three functions on a single page for each customer that a company may have. The dashboard may provide client information, past sales, previous marketing efforts, and more, summarizing all of the relationships between the customer and the firm.

With *ESI Click to Call*, incoming calls will initiate a screen pop of the information currently available in your existing CRM system by using the Caller ID information of the incoming call to simultaneously launch a search for that customer record from your integrated CRM. Conversely, outgoing calls are expedited with *Click to Call* by facilitating one-click dialing from your databases and web browsers.

While it is impossible to integrate with or even to list every CRM imaginable, ESI has attempted to provide integration with the most prominent third-party CRM software applications in existence today.

The intelligent integration of CRM data, driven by incoming Caller ID technology, is the most exciting development since the advent of Caller ID. Gone are the days when a customer first provides personal information then waits while his account is located. Callers can now be greeted personally by an agent who is already viewing that customer's CRM history - customer service has never been simpler.

Setup your CRM Integration

All third-party CRM software is different, and the steps required to search for a customer or prospect record vary for each. *ESI Click to Call* has a very flexible means of specifying these steps, so that even previously unknown CRM software can likely be integrated. However, with great power comes great responsibility:

Disclaimer: the functions used in this software in order to screen "**pop**" (search for a customer or prospect record based on Caller ID Number of an inbound call) are quite powerful. Furthermore, the Windows operating system is dynamic, and neither the state of the Windows operating system, nor the applications running on it, at a given time can be accurately predicted or accounted for with certainty. Finally, the requirements of each CRM to search based on phone number differ based upon the particular CRM and software revision, and the steps may even vary from PC to PC within a site installation. While *ESI Click to Call* is designed for flexibility, there can be no guarantee of compatibility with any particular CRM, or that compatibility can be preserved with a new revision of the CRM application software. Therefore, the authors of this software make NO WARRANTIES OF ANY KIND except that they will use reasonable efforts to keep the software error-free. No other warranties, express or implied, are given, including but not limited to the software's fitness for a particular purpose, or that there will be no malfunction or data loss.

Inbound Calls Settings

The Inbound Calls settings tab appears as follows:

SI Click to Call (1.2.20.0)		
Si Click to Call		NEED HELP?
us Settings one System/Phone Outbou	nd Dialing Inbound Calls License Tools	
Screen "pops" require a diff	rent series of steps depending upon your particular databa	ase program. Enter these steps below.
Step Type	Detail	Add Step
		Edit Step
		Remove Step
~		Move Up Move Down
Phone Number Format for {F	HONE} tag: Ex: (###) ###-####	# If you leave blank, will send digits only
When to pop screen (view		Pop only when I click "View Contact" button
Do not show incoming c After screen pop, close		Note: there are a number of built-in configurations for various CRMs that you can load by clicking the Load
Save Settings Save S	ettings As	Settings button

The top section of this tab details the steps that *ESI Click to Call* should follow in order to screen "**pop**" to the customer's CRM of choice. These steps may be added, removed, and edited as needed (and even the order of the steps may be changed) in order to produce the desired effect. The steps that can be added, and their configuration, are covered in detail in the topic, <u>Inbound Calls - Adding a Step</u>.

The lower section of this tab includes these general parameters:

<u>Phone Number Format for {PHONE} tag</u>: In order to screen "**pop**" with a given CRM, the format of the phone number expected by that CRM may vary. This box allows you to specify how the number will be formatted in order to match the format expected by the CRM application.

<u>When to pop screen</u>: You also have flexibility with respect to the timing of the screen "**pop**". You may choose to have the screen "**pop**" when your ESI phone first rings, when you answer the phone, or only when a small window of the phone number appears on-screen and you click on the "**View Contact**" button.



Do not show incoming call window: suppress the window that normally appears on an incoming call.

<u>After screen pop, close incoming call window:</u> This is normally checked. If you uncheck it, then you will need to dismiss the incoming call window manually each time it appears.

PC-based CRM Configuration

There are a number of step types available for selection. When combined in the correct order and with the correct parameters these steps will allow for contact or prospect searching by Caller ID Number (screen "**pops**"). Each of these step types will be covered in more detail in the following topics. The step types available are:

Step Type:	
Find A Window or Control	
Activate Window	
Send Keystrokes	
O Send Mouse Click	
O Execute DDE Command	
O Pause	
Close Window	
O Run A Program	
Find Outlook Contact	

Inbound Calls - Adding a Step

When you add a step to the list of steps required in order to screen "**pop**" (by clicking the "**Add Step**" button on the Inbound Calls tab in Settings), you will be presented with the following screen:

Step Type:	Details:		
 Find A Window or Control Activate Window 	Program's main window title bar or process name contains the text:		Test
Send Keystrokes Send Mouse Click	Basic Find: the main program window is what I am looking for		
 Execute DDE Command Pause Close Window 	Advanced Find: I am looking for a sub-window (child window) or a con Describe a path to the child window or control. For each level, you can us window or control. Set Index to 1, unless there are multiple windows/control.	se either the full Text or full	Class Name of the
Run A Program Find Outlook Contact	Name:	Index: 1	Add
Web-Based CRM	Name	Index	
<u> Disclaimer - please read</u>			Remove Selected

Find a Window or Control

When you choose the "Find a Window or Control" step type, the screen will change as follows:

step Type:	Details:	
Find A Window or Control Activate Window	Program's main window title bar or process name contains the text:	Test
) Send Keystrokes) Send Mouse Click	Basic Find: the main program window is what I am looking for	
) Execute DDE Command) Pause) Close Window	Advanced Find: I am looking for a sub-window (child window) or a control in the program Describe a path to the child window or control. For each level, you can use either the full Text or full Class window or control. Set Index to 1, unless there are multiple windows/controls with that same name.	Name of the
) Run A Program) Find Outlook Contact	Name: Index: 1	Add
Web-Based CRM	Name Index	
isclaimer - please read		Remove Selected

In this step, you should type some text that will always be found in the title bar of the main window of the program you're trying to locate. This does not need to be the entire text located in the title bar (and in fact, many programs change the text in their title bar), but there should be some text that does not change, and will not be found in the title bar of any other program. This is usually not hard to do. If, for your particular CRM this is not possible, you can also specify the *Windows®* process name; this can be found via the Windows Task Manager, on the Processes tab. You can launch the Task Manager by pressing Ctrl-Shift-Esc on your keyboard.

In most cases, the main program window is what we're seeking, so you can leave the "**Basic Find**" radio button selected. If, on the other hand, you're trying to locate a sub-window (child window) or an individual control in the program, you may select the "**Advanced Find**" radio button, and describe the hierarchical path to the sub-window or control. This is considered an advanced procedure, and a full explanation lies beyond the scope of this user guide.

Activate Window

When you choose the "Activate Window" step type, the screen will change as follows:

Step Type:	Details:
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact 	Note: you must "Find A Window" before you can activate it. This step will bring the "found" window to the foreground and give it focus. Show window maximized Show window restored
Web-Based CRM Disclaimer - please read	

As explained on this screen, in order to activate a window, you must first have "**found**" the window via a prior step (see "Find a Window or Control"). This step actually brings the "**found**" window to the foreground and gives it focus. You may choose to "**Show window maximized**", in which case it will take up the entire screen, or "**Show window restored**", in which case it will normally take up a portion of the screen.

Send Keystrokes

When you choose the "Send Keystrokes" step type, the screen will change as follows:

Step Type:	Details:		
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact Web-Based CRM 	Keystrokes to send:	Test phone number: 7775551212 Test Note: you must "Find A Window or Control" and "Activate Window" before sending keystrokes, because the keystrokes will be sent to whatever window is active on the system. Enter the characters you want to send into the box above (scroll to the bottom of these instructions for examples). * % = Alt + = Shift ^ = Ctrl (NXX) Prefix (next 3 digits of the phone number {NXX) = Prefix (next 3 digits of the phone number {PHONE} = Complete phone number, 10 digits, digits only (UNLESS YOU HAVE SPECIFIED A PHONE NUMBER FORMAT in the main settings, in which case it will take on the format you specify) The following characters MUST be entered in brackets: % + ^ ~ () { } [] For example, to send a percent sign, you would enter {%} or to send an open bracket, you would enter {{} The following are codes for special keys: Key Code	

As noted in this screen, in order to send keystrokes to a program, you must "<u>Find a Window or Control</u>" and "<u>Activate Window</u>", because the keystrokes you specify will be sent to whatever screen is active on the system.

In the "**Keystrokes to send**" box, you will enter the characters you want to send to the active window (refer to the end of this help topic for examples):

Key Stroke	Actions
%	Alt
+	Shift
^	Ctrl
{NPA}	Area Code of incoming phone number
{NXX}	Prefix (next 3 digits of the phone number)
{SLID}	Last 4 digits of the phone number
{PHONE}	Complete phone number, 10 digits, digits only (UNLESS YOU HAVE SPECIFIED A PHONE NUMBER FORMAT in the main settings, in which case it will take on the format you specify)
{Pause}	Will pause for ¼ second before continuing

The following characters MUST be entered in brackets: % + ^ ~ () { } []

For example, to send a percent sign, you would enter {%} or to send an open bracket, you would enter

{{}

The following are codes for special keys:

Кеу	Code	Кеу	Code
BACKSPACE	{BACKSPACE},{BS}, OR {BKSP}	F1	{F1}
BREAK	{BREAK}	F2	{F2}
CAPS LOCK	{CAPSLOCK}	F3	{F3}
DEL or DELETE	{DELETE} OR {DEL}	F4	{F4}
DOWN ARROW	{DOWN}	F5	{F5}
END	{END}	F6	{F6}
ENTER	{ENTER}	F7	{F7}
ESC	{ESC}	F8	{F8}
HELP	{HELP}	F9	{F9}
HOME	{HOME}	F10	{F10}
INS or INSERT	{INSERT}	F11	{F11}
LEFT ARROW	{LEFT}	F12	{F12}
NUM LOCK	{NUMLOCK}	F13	{F13}
PAGE DOWN	{PGDN}	F14	{F14}
PAGE UP	{PGUP}	F15	{F15}
RIGHT ARROW	{RIGHT}	F16	{F16}
SCROLL LOCK	{SCROLLLOCK}	Keypad add	{ADD}
ТАВ	{TAB}	Keypad subtract	{SUBTRACT}
UP ARROW	{UP}	Keypad multiply	{MULTIPLY}
		Keypad divide	{DIVIDE}

EXAMPLES:

Wanted Comment	Key Stroke to send
To send – "Hello"	Hello
To send – "Alt + f"	%(f)
To send – "Ctrl + Shift + P"	^(+(P))
To send – "the incoming phone number in the	{PHONE}
format 7775551212"	
To send – "the incoming phone number in the	{PHONE}
format (777) 555-1212" (when you have specified	
a number format of (###) ###-#### in the main	
settings)	
To send – "Ctrl + S, then phone number in the	^(S){NXX}-{SLID}
format 555-1212"	

Send Mouse Click

When you choose the "Send Mouse Click" step type, the screen will change as follows:

Step Type:	Details:
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact Web-Based CRM 	Note: you must first "Find A Window" and "Activate Window" before sending a mouse click, because whatever you are clicking on must be visible first! This "window" is a control like a button; just click it anywhere I need to click this window in a specific spot: Click: pixels to the right and pixels below the upper-left of the selected window Help Me Measure Warning: this option should be used as infrequently as possible, because if the size or position of windows or
) Web-Based CRM	controls on the screen changes, you will be clicking in the wrong spot! If you can find a way to "Send Keystrokes" instead of a mouse click to accomplish what you want, this will be much better.

Note: in order to send a mouse click to a window, you must first "<u>Find A Window or Control</u>" and "<u>Activate Window</u>", because whatever you are clicking must be visible first!

If you need to click the window in a specific spot (as is usually the case), select the "I need to click this window in a specific spot" radio button. When you do so, two boxes will become active, allowing you to specify the X and Y coordinates (in pixels) in relation to the upper-left of the active window. For your convenience, you can click the "Help Me Measure..." button, and a new window that is partially transparent will appear that you can position over the window you'd like to click; clicking on the semi-transparent window will obtain the X and Y coordinates for you.

Warning: the "Send Mouse Click" step should be used as infrequently as possible, because if the size or position of windows or controls on the screen changes, the wrong location will be clicked! If you are able to "Send Keystrokes" instead of using a mouse click to accomplish what is needed, this will be better and more reliable.

Execute DDE Command

When you choose the "Execute DDE Command" step type, the screen will change as follows:

Step Configuration	
Step Type:	Details:
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact Web-Based CRM 	DDE stands for Dynamic Data Exchange. Many programs do not support this feature. If you are dealing with a program that does accept DDE commands, you can enter the information here. DDE Program: Link Topic: Command: Timeout (secs.): Test phone number: 7775551212 Test
<u>Disclaimer - please read</u>	The Command box above can contain the following codes: {NPA} = Area Code of incoming phone number {NXX} = Prefix (next 3 digits of the phone number) {SLID} = Last 4 digits of the phone number {PHONE} = Complete phone number, 10 digits, digits only (UNLESS YOU HAVE SPECIFIED A PHONE NUMBER FORMAT in the main settings, in which case it will take on the format you specify)
	Save Cancel

DDE stands for Dynamic Data Exchange. If your CRM supports DDE commands (most do not), you may enter the appropriate information in these boxes. Typically, the information to enter would be provided by the CRM vendor in a user guide or technical manual.

Pause

When you choose the "**Pause**" step type, the screen will change as follows:

 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact Web-Based CRM Disclaimer - please read	Step Type:	Details:
	 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact Web-Based CRM 	Pause for milliseconds (1000 ms = 1 second) Pause until a program window whose title contains appears

When *ESI Click to Call* initiates the search of a contact or prospect in your CRM software, it executes a series of steps in rapid succession. Sometimes, it may be necessary to introduce a slight pause in the process to allow your CRM to "**catch up**". The need for a pause is not a given, but if required, it generally becomes apparent during testing.

When you pause, your options are to: (a) pause for a specific amount of time (specified in milliseconds); or (b) pause while you're waiting for a program window to become available.

Close Window

When you choose the "Close Window" step type, the screen will change as follows:

Step Configuration		
Step Type:	Details:	
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact 	Note: you must first "Find A Window or Control" before you can close it. (This step has no parameters)	
Web-Based CRM <u>Disclaimer - please read</u>	Save	Cancel

With some CRM software, it may be necessary to close a sub-window (child window) in the program before we can properly perform a search based on Caller ID Number. This may be the case, for example, if a previous search has opened a search window that must subsequently close before successfully performing a new search.

Note: that you must first "Find a Window or Control" before you can close it.

Run A Program

When you choose the "Run A Program" step type, the screen will change as follows:

Step Configuration		
Step Type:	Details:	
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command 	Enter the full path to the program you wish to run or the file you wish to launch:	
 Pause Close Window 	Arguments (optional):	
 Run A Program Find Outlook Contact Web-Based CRM <u>Disclaimer - please read</u> 	Note that you can insert the following into your arguments and it will be translated real-time into the phone number. You must include the brackets. {NPA} = Area Code of incoming phone number {NXX} = Prefix (next 3 digits of the phone number) {SLID} = Last 4 digits of the phone number {PHONE} = Complete phone number, 10 digits, digits only (UNLESS YOU HAVE SPECIFIED A PHONE NUMBER FORMAT in the main settings, in which case it will take on the format you specify)	
	Test phone number: 7775551212 Test	
	Save	Cancel

If it is required as part of searching for a record in your CRM, *ESI Click to Call* does have the ability to Run A Program. Normally, this is not needed, because it is assumed that your CRM is already running. You can either launch an actual executable program (having a .EXE extension), or if you choose another file type, an attempt will be made to launch it it the default program registered with *Windows®* for that file type. If the program you launch requires that you specify the phone number as part of the starting arguments, you can specify such in the "**Arguments (optional)**" box, for example, with the special {PHONE} designation, which will be replaced with the actual phone number of the inbound call.

Find Outlook Contact

When you choose the "Find Outlook Contact" step type, the screen will change as follows:

Step Configuration		
Step Type:	Details:	
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause Close Window Run A Program Find Outlook Contact Web-Based CRM 	Note: This step has special functionality and does not require the use of any other steps. Phone number format: (())))))))))))))))))))))))))))))))))	
<u>Disclaimer - please read</u>	Save	Cancel

Note that this step has special functionality and does not require the use of any other steps. You do, however, need to specify a phone number format. This must match the format in which you have originally entered contact phone numbers into Outlook[®].

Web-Based CRM

A growing number of CRM applications are delivered via the cloud, as opposed to the traditional, PCbased application. *ESI Click to Call* is able to interact with many of these CRMs via a process called Web Automation. When you choose the "**Web-Based CRM**" step type, the screen will change as follows:

Step Configuration		
Step Type:	Details:	
 Find A Window or Control Activate Window Send Keystrokes Send Mouse Click Execute DDE Command Pause 	Browser type (you must have this browser installed on your PC): Chrome Firefox Internet Explorer (not recommended or supported) Why?	Note that, in order for this software to be able to control the web browser in the manner needed, this software needs to be the one to launch the browser. It will do this when first launched, and in most cases, you will need to intially log into your CRM manually.
Close Window	Base URL (example: http://mycompany.example.com);	When this software is run, the web browser will be opened and will navigate to this URL
 Find Outlook Contact Web-Based CRM 	When searching for a contact, use the following URL:	-OR- run commands for the following CRM:
<u>Disclaimer - please read</u>	Note that you can insert the following into the URL above and it will be translated real-time into the phone number. You must include the brackets. {NPA} = Area Code of incoming phone number {NXX} = Prefix (next 3 digits of the phone number) {SLID} = Last 4 digits of the phone number {PHONE} = Complete phone number, 10 digits, digits only (UNLESS YOU HAVE SPECIFIED A PHONE NUMBER FORMAT in the main settings, in which case it will take on the format you specify)	Testing: Please log into your CRM if needed after launching browser, before testing the following phone number. 7775551212 Test
		Save Cancel

An explanation of the various sections on this screen is as follows:

Browser type (you must have this browser installed on you	ur PC):	Note that, in order for this software to be able to
Chrome		control the web browser in the manner needed, this software needs to be the one to launch the
Firefox		browser. It will do this when first launched, and in most cases, you will need to intially log into your
Internet Explorer (not recommended or supported)	Why?	CRM manually.

Here, you must specify which web browser will be used to access the web-based CRM (it must already have been installed on this PC). Note that the Internet Explorer[®] browser, while there is an option for it, is not recommended or supported due to its specific implementation of some things, which may make automating it in some cases difficult or unpredictable. Firefox[®], which is selected by default, is the browser which is believed to have the greatest overall compatibility with *ESI Click to Call*. Chrome[™] is another good option, as it is measurably faster versus Firefox[®] during automation, and compatibility thus far has proven to be high.

Base URL (example: http://mycompany.example.com):	When this software is run, the web browser will be opened and will navigate to this URL
---	--

As indicated, this is the web link (URL) that will be launched initially when ESI Click to Call is run.

When searching for a contact, use the following URL:	-OR- run comman	ds for the following CRM:
Note that you can insert the following into the URL above and it will be translated real-time into the phone number. You must include the brackets.	Testing:	
{NPA} = Area Code of incoming phone number {NXX} = Prefix (next 3 digits of the phone number) {SLID} = Last 4 digits of the phone number {PHONE} = Complete phone number, 10 digits, digits only (UNLESS YOU HAVE SPECIFIED A PHONE NUMBER	Launch Browser	Please log into your CRM if needed after launching browser, before testing the following phone number.
FORMAT in the main settings, in which case it will take on he format you specify)	7775551212	Test

Many web-based CRM sites will allow for a number search to be performed simply by specifying the phone number in a special link. *ESI Click to Call* allows you to specify this link (URL) to use when searching. Note that you can specify a variable called {PHONE} to represent the actual phone number of the inbound call when a search is performed.

For convenience, you may click on the drop-down box labeled "-**OR- run commands for the following CRM**:", and if your CRM is listed, you may select it. When you do so, one or both of the URL boxes to the left will automatically populate. In some cases, depending upon the particular CRM, there may be additional special steps that need to be performed, and choosing the CRM from the list has the effect of *ESI Click to Call* performing these steps as needed.

License Settings

In order to gain unlimited use of the ESI Click to Call software, you must enter a License Code in the

License settings screen. License info is entered in this section of Settings:

ESI Click to Call (1.2.20.0)	
<i>ESI</i> Click to Call	NEED HELP ?
atus Settings	
hone System/Phone Outbound Dialing Inbound Calls License Tools	
Serial Number: 1194604824	
License Code:	
TRIAL MODE	
Save Settings Save Settings As Load Settings	

The Serial Number varies by computer, and so will the License Code required to unlock *ESI Click to Call*. Please contact your ESI reseller in order to obtain the correct License Code, and then enter it into the License Code box in this screen. Once you have entered the correct License Code, the words "**TRIAL MODE**" will change to "**Unlocked**" and you will have full, unrestricted use of the software's features. While *ESI Click to Call* is in Trial mode, all features will be available, but will stop working after 20 minutes from the time the application was launched.

Tools Settings

The Tools settings tab appears like so:

SI Click to Call	NEED HELP
s Settings	
ne System/Phone Outbound Dialing Inbound Calls License Tools	
Firefox	
Telify is an add-on for Firefox browsers that enables one-click dialing. Telify is not affiliated with the makers of this software, but Telify v.1.3.3 has been tested to be compatible.	
Go To Telify Add-On Page After installing Telify, go to Tools -> Telify -> Preferences in Firefox and change "Used protocol" to "tel:" and both options "When number has country code" and "When number has no country code" to "dial directly".	
Chrome	
Telephone Number Detection is an add-on for Chrome browsers that enables one-click dialing. The maker of Telephone Number Detection is not affiliated with the makers of this software, but Telephone Number Detection v.1.1.4 has been tested to be compatible.	
Go To Telephone Number Detection Add-On Page	
TAPI Diagnostic Tools (Do Not Use Unless Directed)	
Take Ownership	
Hangup call	
Reset TAPI Line	

Primarily, this tab is used in order to access the web browser plugins needed for one-click dialing support in Google Chrome[™] and Mozilla Firefox[®] browsers. Please follow the link and instructions provided for each if you desire this one-click functionality. Other web browsers, including Microsoft Internet Explorer[®], are not supported at this time. Remember that even if a particular browser is not supported for one-click dialing, telephone numbers on web pages can still be highlighted and dialed by pressing Ctrl-C twice.

There is another section on this screen, TAPI Diagnostic Tools. Please do not use these unless directed by technical support.

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