

Stratagy[®] ES Messaging Voice Processing Technical Bulletin

TBVP-0001 September, 2000

4100049

Stratagy ES Automatic Speech Recognition (ASR)/ Automated Attendant (AA) Feature

The MVP Application Suite now offers a speech enabled Auto Attendant Feature Group labeled, ASR AA. With the ASR AA Feature Group, callers that access Stratagy ES can:

- speak a user's name to reach an extension
- speak a command to log in to his/her mailbox
- **Note** The system can be programmed for several variations of "login." For example, mailbox login, mailbox logon, user login, user logon, access mailbox.
- say "send message" or "quick message" to directly send a message to a user's mailbox without calling his/her extension

Automatic Speech Recognition (ASR) is the term for converting human speech to text. It is used in applications where the information collected from the caller is difficult to enter using a touchtone phone, or where the customer wants to create a more natural, user friendly image with automation. This is particularly effective for collecting alphanumeric part numbers or names and addresses.

ASR functionality is dynamically allocated as a resource or channel to a Stratagy ES voice port. This means that a channel of ASR resources is only tied to a voice port for as long as the Stratagy ES software dictates its need. If the voice port no longer requires the channel or resource, it is freed up to be used by another port. Therefore, to estimate the amount of ASR channels a system may require, you must first estimate how many Stratagy ES voice ports will simultaneously need access to ASR resources.

Integration Considerations

Important!

Ports that are configured for ASR AA can only accept inbound voice mail integration using Simplified Message Desk Interface (SMDI). Dual Tone Multi-frequency (DTMF) in-band integration is not supported on these ports. If DTMF integration is necessary, additional ports not configured for ASR Auto Attendant are required.

Configurations

There are two configurations for ASR solutions on the Stratagy ES – host-based and Antares-based.

Host-based ASR (Currently Available)

Host (or CPU)-based ASR uses the native CPU of the Stratagy ES to provide the processing power required, no additional speech-related hardware is required. A maximum capacity of eight channels of host-based ASR can be invoked simultaneously. The Stratagy ES host-based ASR is available for the Stratagy ES only available using a D/41ESC voice board to provide echo cancellation. The other Dialogic voice boards do not provide echo cancelling and cannot be used.

See "Host-based ASR Installation" on page 13 for installation instructions.

Toshiba America Information Systems, Inc.

Hardware/Software Requirements

The following requirements apply for a host-based ASR system:

- the Stratagy Activation Module (SAM) must be activated for the feature by placing an order for the ASR AA Feature Group (part number SES-FG-ASR-AA)
- SpeechWorks® software
- D/41ESC voice board from TSD (part number SES-DL-P4-SC)

Note The host-based ASR AA provides up to eight channels of ASR resources.

Though less costly in terms of hardware than the Antares-based solution, considerations must include processor requirements for other Stratagy ES applications. Adding other processor intensive applications, such as host-based Text-to-Speech, may require the Stratagy ES CPU to be upgraded.

Antares-based ASR (Scheduled for Release, 4th Quarter of 2000)

With Antares-based ASR, the processors located on the Dialogic Antares resource board, instead of the native CPU, provide the power. The Antares board has Digital Signal Processors (DSPs) that perform all processor functions for the ASR application, including echo cancellation.

This configuration provides up to 12 channels of simultaneous ASR per each installed Antares board. The Antares-based ASR requires either a Dialogic D/41ESC or D/160SC-LS voice board and an Antares board.

See "Antares-based ASR Installation" on page 4 for installation instructions. To install ASR using the Antares-based method, you must also perform the steps under "Host-based ASR Installation" on page 13.

Hardware/Software Requirements

An Antares-based system must have:

- the Stratagy Activation Module (SAM) must be activated for the feature by placing an order for the ASR AA Feature Group (part number SES-FG-ASR-AA)
- SpeechWorks software
- Antares resource board from TSD (part number SES-ANT-2000/50)
- D/160SC-LS or D/41ESC voice board from TSD (part numbers SG-DL-P16 or SES-DL-P4-SC)

Antares-based ASR cannot share the same Antares card as Antares-based TTS. ASR and TTS can alternate as resources, but cannot be used at the exact same time on the same voice port.

Enabling ASR AA Feature Group

The ASR AA Feature Group is enabled on the Stratagy ES by:

- Loading the Feature Group software
- Enabling the Stratagy Activation Module (SAM)

It is not necessary for the Feature Group software to be loaded prior to enabling the feature in the SAM.

Feature Group Software

The software for all released Stratagy ES Feature Groups can be found on the Stratagy ES System Software CD-ROM that is shipped with each Stratagy ES system. Following the instructions in the *Stratagy ES Installation and Maintenance Manual*, technicians can upload the necessary software. Even though the software may be loaded on the system, the specific Feature Group is not operational until the SAM has been enabled for the feature.

Stratagy Activation Module (SAM)

To enable the ASR AA feature in the Stratagy ES, the SAM must receive new information settings allowing the feature to operate. These settings are procured by first running a query program on the target Stratagy ES that will issue a coded packet that is unique to that specific system. This coded packet is then relayed back to Toshiba TSD along with the target system's remote telephone number and an order for the desired feature. Toshiba personnel then call into the system and update the SAM with new data, unlocking the feature for use.

Note To provide the most efficient means for remote access, the pcANYWHERE software that comes with each system should be loaded.

Automatic Directory Synchronization for MVP ASR AA Feature Group

With Automatic Directory Synchronization, the ASR AA receives user information from the Stratagy ES mailbox database. Only mailbox users who have their full names added to the User Mode Options Name1 and Name2 fields and have recorded their names are added to the directory used by the ASR AA.

After a new mailbox has been added in the Stratagy ES, the Automatic Directory Synchronization routine updates the ASR AA directory with the new entry. The ASR AA then automatically translates the new name into an accurate phonetic pronunciation based on standard English speech patterns.

The directories for the Stratagy ES mailboxes and the names directory of the ASR Automated Attendant are two separate directories in the system. For the ASR AA to function properly, the names in both directories must be synchronized.

When ASR AA software is installed on the Stratagy ES, a routine is added to the Scheduler table to automatically synchronize these two directories on a daily basis. In addition, the ASR AA software installs an icon on the desktop so technicians can generate a directory synchronization without waiting for the scheduled automatic synchronization.

The ASR AA Feature Group supports up to 250 names in its directory, and includes a User Login/Quick Message feature.

Whether purchasing ASR in the host-based or Antares-based configuration, the ASR AA Feature Group comes with two channels of ASR resources.

Prior to Installing

- We recommend that you back up your database prior to starting any upgrade procedure.
- Make sure you have all the necessary parts and tools.
- Since all of the procedures require Stratagy ES be out-of-service, coordinate with the customer a time for Stratagy ES to be taken off line.

Antares-based ASR Installation

Important! For Host-based installations, go to "Host-based ASR Installation" on page 13.

Notes

- To complete the Antares-based ASR installation, you must also perform "Host-based ASR Installation" starting on page 13.
- It is recommended that prior to starting this procedure you clear all events from the Event Viewer, System Log. It will make it easier when you check Antares board configurations in Step 10 "Check Event Detail Screen" on page 12.

Step 1: Stop Stratagy Enterprise Server/Configure Manual Start

P	1.	Click the StartStratagy icon on the desktop.	Stratagy Enterprise Server Control
		•	
			Start Type Manual O Automatic Close
	2.	From the Stratagy Enterprise Server Control screen, click Stop.	The screen displays "Stop Pending" and then "Stopped."
	3.	Click Manual.	Note This prevents Stratagy ES from automatically starting while we modify Dialogic software.
	4.	Click Close.	

Step 2: Configure Dialogic Services

Note If you have GammaLink Fax installed, you must stop the GammaLink service first and return to this step.

 From the Windows NT, click Start, Programs, Dialogic System Software, then Dialogic Configuration Manager - DCM. 	The DCM Main screen displays.
--	-------------------------------



Step 3: Install Streams Environment Protocol

- 1. Click Start, Settings, Control Panel, Network and then Protocols. If Stream Environment is not already installed, click Add.
- 2. From the Select Network Protocol, highlight Streams Environment and click OK.
- **Note** If Stratagy ES cannot detect the Streams Environment on the PC, it will ask you to insert the Windows NT CD-ROM in the CD-ROM drive. After you insert the CD-ROM, follow the instructions on the screen.

Step 4: Install Antares Resource Board

- 1. Turn off the computer's power and unplug any cables (e.g., power cord).
- 2. Open the computer.
- 3. Unpack the Antares board.
- 4. Install the Antares board in accordance with Steps 1~6 on pages 11~16 and 11~17 in the *Stratagy ES I&M Manual*.

Important! Do not perform Step 7 of that procedure.

Step 5: (Optional) Install D/41ESC or D/160SC-LS

▶ If your Stratagy ES does not already have a D/41ESC or D/160SC-LS board installed, install one now per instructions shown on pages 11~9 through 11~13 in the *Stratagy ES I&M Manual*.

Note In order to properly install Dialogic's Antares software, Dialogic software must be reloaded.

Step 6: Uninstall the Dialogic/GammaLink Fax Software

- 1. Replace the computer cover and reconnect the cables.
- 2. Restart the Stratagy ES.
- 3. Uninstall the Dialogic software.
- 4. If you have GammaLink Fax software installed on the Stratagy ES, uninstall it.
- 5. Reboot the Stratagy ES.

Step 7: Install Dialogic Software

- 1. Insert the Stratagy ES Installation CD-ROM into your PC's CD-ROM <drive>.
- 2. From the Software Installation Menu screen, click on Dialogic System Software.
- 3. From the Welcome to Dialogic Setup screen, click Next.
- 4. On the Registration screen, enter your and your company's name. Click Next.

The Software Install Menu displays.

The Welcome screen displays.

The Registration screen displays.



5. From the Setup Options screen, click Custom.



- 6. From the Custom Component Selection screen, check:
- Drivers, Firmware, & Configuration Files
- GlobalCall API Package
- Antares Software
- 7. Click Next.
- X Please select the GlobalCall Feature Components GlobalCall ISDI 4.0 MB Destination Directory C:\Program Files\Dialogic Browse... Space Required: 62.0 MB Disk <u>S</u>pace... 1239.5 MB Space Available: < <u>B</u>ack <u>N</u>ext > Cancel X Installation is almost complete. Please run Dialogic Configuration Manager (DCM) to configure your Dialogic boards(s). View Release Notes Run Dialogic Board Configuration (DCM)

Click Finish to finish installation and run the options selected above, if any.

< <u>B</u>ack

Finish

8. Accept the default on the next four screens by clicking Next.

101

4705

- 9. From the Dialogic Setup Finish Options, check the Run Dialogic Board Configuration option and remove the check from the View Release Notes option. Click Finish.
- 10. If you have a GammaLink Fax card installed, click Yes and continue (see *Stratagy ES Installation & Maintenance Manual* for installation instructions)

...or click No.

11. When finished, reboot the Stratagy ES. You are asked if you want to install GammaLink Fax.

Step 8: Configure D/41ESC or D/160ES-LS Board Using DCM

▶ Using the procedures on pages 11~28 through 11~33 of the *Stratagy ES I&M Manual*, configure the D/41ESC or D/160SC-LS voice board(s).

Step 9: Configure Antares Board



1. From the Dialogic Configuration Manager screen, click the Add Device icon on the toolbar

> ...or select Action, then Add Device from the menu.



2. Highlight Antares in the left-hand column and Antares Board in the right-hand column. Click Next.

- 3. Enter Antares 0 (if first board). Click Next.
- 4. Click System tab.
- The DCM Properties for Antares Board screen displays.

<u>N</u>ext >

Cancel

Help

741

Dialogic Configuration Manager - Add Hardware Wizard

Antares Board - 0

< <u>B</u>ack

Enter a name for the board that will uniquely identify it from other boards of the same model. For example, the serial number of the board could be entered here.

rd Misc Advanced Board System Driver Advanced System
Parameter Value
Parameter Value
Antinterrupt 11 MasterBoard 0
Edit
Parameter AntInterrupt
Value 11

5. Highlight the AntInterrupt parameter and change, if necessary.

Note We recommend using IRQ10 or 11 on Stratagy ES Model A and IRQ9 on Model B.



- 6. From the Properties for Antares Board screen, highlight the MasterBoard parameter and change, if necessary. Note Setting should be the same board ID as the master Dialogic voice card (usually set to 0). 7. If you made any Dialogic Configuration Manager - Properties for Antares Board-0 changes to the Board Misc Advanced Board System Driver Advanced System System tab screen, click Apply, then the Parameter Value PCMConfig MaxSCSAslots Board tab SCSA 1024 Encoding DSP0_COFF Mu_Law c:\program files\dialc ... or if you made no DSP0_PARAMFILE DSP1_COFF recplay2.prm recplay2.cof changes, click the DSP1_PARAMFILE DSP2_COFF recplay2.prm Board tab. recplay2.cof ISP2 PARAMEILE Edit Parameter DSP0_COFF Value c:\program files\dialogic\data\cgrmtte 💌 OK Cancel Help 4743 **Note** <SpeechWorks installation> = product install directory, 8. Change the following parameter values for typically c:\Program Files\SpeechWorks. each DSP: Entry would typically be: DSP0 COFF = ٠ c:\Program Files\SpeechWorks\bin\slaverec.cof <SpeechWorks installation>\bin\ slaverec.cof DSP0 PARAMFILE ٠ = leave blank
- 9. Click Advanced Board tab. Change the parameter to TokenTries = 100.
- 10. Click Driver tab.

11.	Change the following parameters to:	
٠	Max_Rcus = 96	
•	Max_Opened_Rcus = 96	
٠	Max_Dpi = 96	
•	Message_Length = 1024	
12.	Click Apply, then OK.	The Properties screen closes and the DCM screen displays with the board you just added.
13.	Repeat Substeps 1~12 above for any additional boards.	
14.	Click File then Exit.	The DCM Main screen closes.
		Important! The IRQ you set in the DCM utility must also be set to "Legacy ISA" in the system CMOS.
15.	Reboot the Stratagy ES.	
16.	During the bootup process, press Delete when prompted at the bottom of the screen.	The CMOS Setup Utility screen displays.
17.	Highlight PNP/PCI Configuration and press Enter.	
18.	Check the IRQ setting.	The IRQ you set in Substep 4 of the procedure must be set to Legacy ISA on this screen (e.g., IRQ-9 assigned to = Legacy ISA).
19.	Make any changes necessary. Press ESC .	
20.	If you modified any settings, press F10 to save and exit	Stratagy ES continues to boot up.
	or ESC to quit.	
21.	Press Ctrl+Alt+Del and log on to the system.	

22. (Optional) If you have only one Antares board, you should also set the environmental variable for the system. Click Start, Settings, Control Panel, System and Environment.	
23. From the System Properties (Environment tab screen), highlight any variable in the System Variables section of the screen.	The highlighted variable displays in the Variable and Value fields at the bottom of the screen.
24. Highlight the variable in the Variable field at the bottom of the screen and type NUM_DSP_BOARDS in its place.	Note If you see the following SpeechWorks error message during run-time, check that NUM_DSP_BOARDS is set correctly: antares_slots: an_open failed: No compatible or free RCU at RCU's list
25. Highlight the value in the Value field and type 1 in its place.	
26. Click Set, then Apply.	
27. Close the System Properties and Control Panel Windows and reboot the system.	

Step 10: Check Event Detail Screen

- 1. From Windows NT, click Start, Programs, Administrative Tools, then Event Viewer. The Event Viewer Window displays.
- 2. Click Log, then System.

3. Click on each listing with a source file of "dlgc_log." When you reach the one displaying the downloading of the DSP settings, check the Description section of the screen. It should look identical to the screen shown below:

Event Deta	il 9/3/00	Event ID:	1
Time:	10-12-00 AM	Course:	dias los
Line.	10.12.00 AM N7A	Source. Tupe:	loformation
Computer:	SES2	Category:	None
<u>D</u> escription	n:		
Antares D Version Ve Board 0: Using file Downloa Downloa Downloa Downloa Downloa	ownloader (c) Dialogic Corp arsion 1.00 Release 7 Wind * 'c:\PROGRA~1\SPEECH ading to DSP0 ading to DSP1 ading to DSP2 ading to DSP3 1 Bytes C Words). 1995 lows NT I~1\bin\sla 	verec.cof
	nse Previous	Next	

Step 11: Continue with Step 1 of the Host-based ASR Installation

Host-based ASR Installation

Important!

Host-based ASR requires a D/41ESC voice board. If your system does not already have one installed, see installation instructions on pages 11~9 through 11~13 in the Stratagy ES I&M Manual.

Step 1: Verify SAM is Feature Activated

1. From the desktop, click Start, Programs, Stratagy Enterprise Server Administration, then SAM Query.

Serial N	Number: 2262
Features	
Voice Mail: On	ASR Auto Attendant: On
ODBC Support: Off	Terminal Emulation: Off
Unified Messaging: Er	abled with 16 licenses
Unified Messaging: Er Resources	habled with 16 licenses
Unified Messaging: Er Resources Lines: 48	Fax: Gamma Fax
Unified Messaging: Er Resources Lines: 48 ASR- Total: 4	Fax: Gamma Fax

- 2. From the Stratagy ES Activation Module screen, verify that the ASR settings display in the lower left-hand corner.
- **Note** If you are installing a host-based ASR system, the screen shows "Software Only." If you are installing an Antares-based ASR system, the screen shows "Hardware Assisted."

Step 2: Stop Stratagy Enterprise Server/Configure Manual Start

See Step 1 "Stop Stratagy Enterprise Server/Configure Manual Start" on page 4 for instructions.

Step 3: (Optional) Install Stratagy ES Update

If the latest software version of Stratagy Enterprise Server (Stratagy ES Release 2.009.016) is not resident on the Stratagy ES hard drive, you should load the Stratagy ES update and Administration.

From the Software Installation Menu screen, click Software Component Update. The update prompts you for the pathname etc. Accept the defaults. When the installation is complete, you are asked to restart your computer.

Step 4: Install SpeechWorks Software

1.	Insert the Stratagy ES Software CD-ROM into the CD-ROM drive.	The Software Installation Menu screen displays.
2.	From the Software Menu screen, click SpeechWorks.	The Welcome screen displays.
3.	Click Next, then Yes on the Agreement screen after you read it.	The User Information screen displays.
4.	Click Next.	The Select Components screen displays.
5.	Select SpeechWorks Runtime and Documentation options. Remove the check from SpeechWorks SDK. Click Next.	

6. Click Next to accept the default on all screens until the SpeechWorks Configuration Tool screen displays.

	or blandgrot invariou - overenin	
Prompt DLL Loc	ation	
C:\Program File	s\SpeechWorks\bin\ALTpromptDialogicHost.dll	
Record DLL Lo	cation	
C:\Program File	s\SpeechWorks\bin\ALTrecordDialogicHost.dll	
Call Control DLL	Location	
C:\Program File	s\SpeechWorks\bin\ALTccDialogic.dll	
Capture Tur Capture SM	ing Tools Data ARTRecognizer Data	
Data Storage		
Data Storage Location		
Data Storage Location		

4764

- 7. From the SpeechWorks Configuration Tool screen, select Dialogic Host or Antares in the Integration Type field and click OK.
- 8. Click Finish.
- 9. Reboot the server.

Step 5: Load ASR AA Software

Note Loading the ASR AA software creates Mailbox 900 and a scheduled automatic directory synchronization in the Configuration Scheduler.

The setup is complete.

- 1. From the Software Installation Menu screen, click ASR AA.
- 2. Click Next to accept the default on all screens until the Select Components screen displays.

The Welcome screen displays.



- From the Select Components screen, select the appropriate ASR Auto Attendant version. Click Next.
 Continue to accept the defaults on the remaining screens. On the final screen, click Finish.
 Note Selecting ASR Auto Attendant to work without MVP means that only Blind Transfers are performed and users cannot log on to their mailbox by speaking the log in commands.
 The Setup is complete.
- 5. Reboot the server.

Step 6: Start Stratagy Enterprise Server/Configure Automatic Start



- 1. Click the StartStratagy icon on the desktop.
- 2. From the Stratagy Enterprise Server Control screen, click Automatic.
- O Manual O Automatic Close

Stratagy Enterprise Server Control

Running

Start Type

_ 🗆 ×

Stop

- 3. Click Start.
- 4. Click Close.

The screen displays "Start Pending" and then "Running."

Step 7: Add Answer Method for Mailbox 900

	1.	Launch Stratagy ES Admin.	
(t	2.	From the toolbar, click the Answer Methods icon	The Configuration Properties screen with the Answer Methods Tab displays.
		or from the Stratagy Administration Main menu, click Configuration, then Answer Methods.	
	3.	Click Add.	A blank line displays below the other entries.

- 4. Click in the Answer Method Name field and type in a new Answer Method Name (e.g., ASR_AA). Press Enter.
- 5. Type 900 into the Greeting User Agent field.
- 6. Accept the defaults for the next two fields.

The entry cannot be longer than 34 alphanumeric characters. An underscore is allowed (e.g., Default_Name).

Notification Port Groups Statistical Port Groups IVR Hosts Holidays Scheduler							
Telephone System Integration Answer Methods Voice Ports Serial Ports							
Answer Method Name	Gree User A	ting Igent	Number o Rings To An	of swer	Telephon Integratio	e System on Name	
Default_Name 990			1		Default		1
ASR_AA 900 1 Default							

- 7. Click OK.
- 8. Click Yes.

1. From the toolbar,

The changes are added to the Stratagy ES database the next time Stratagy ES service is shutdown and restarted.

The Configuration Properties screen with the Voice Ports Tab

Step 8: Add Voice Port Definition for Mailbox 900

icon ...or from the Stratagy ES Administration Main Menu, click Configuration, then Voice Ports.

click the Voice Ports

2. Using the drop-down menu, select the ASR_AA Answer Method created in Step 7 on Page 16.

ŧ	Configuration Properties					_ 🗆 ×
	Notification Port Groups Statistical Port Groups IVR Hosts Telephone System Integration Answer Methods Voice I				sts Holidays Sche Voice Ports Serial P	duler
	Port	Ext.	Answer Method	Notification Groups	Statistical Groups	1
	1		ASR_AA	Q1, AMIS	1	1
	2	ĺ	Default_Name	Q1	1	
	3		Default_Name	Q1	1	1
	4		Default_Name	Q1	1	1

3. Click OK.

A dialog box displays.

A dialog box displays.

displays.

4. Click Yes.	The changes are added to the Stratagy ES database the next time Stratagy ES service is shutdown and restarted.
	time Stratagy LS service is shutdown and restarted.

Step 9: Modify Operator Mailbox

Note This enables the user to say "Operator help" at anytime during the speech recognition process and reach the operator in case of difficulties.

	Ι.	From the toolbar, click the Mailbox icon	The Mailbox Editor screen displays.
		or from the Stratagy Administration Main menu, click User Agents, Edit User Agents, then Mailbox.	
2	2.	At the bottom of the Mailbox Editor screen, double-click the Mailbox listing for the "0" mailbox	The Mailbox Editor screen displays the data for mailbox "0."
		or type the mailbox number and click Refresh.	
3	3.	From the User Mode Options screen, type "Help" in the Name2 field.	
4	1.	Click Apply.	The changes are added to the Stratagy ES database the next time Stratagy ES service is shutdown and restarted.

Step 10: Record Greetings for ASR AA

Note For more details on recording greetings, see the *Stratagy ES User Guide*.

1.	Enter Stratagy ES's extension.	Stratagy ES answers.
2.	Press *900 .	
3.	Enter the security code (default is 900997) + # .	
4.	From the Main menu, press 3 .	The Manage Mailbox menu plays.

5.	Press 1.	The Change Your Greeting menu plays.		
6.	Enter the greeting number you want to change or add (1~7).			
7.	Press 2 to record the greeting (speak slowly and clearly). Press # when done.	You are prompted to record the company greeting.		
8.	(Optional) After recording, you can press:	You can repeat options 1~3 as many times as you wish.		
	1 Review recording	The complete greeting plays.		
	2 Re-record	The system prompts you to record at the beep.		
	Press # when done.			
	3 Append recording	Appending a greeting enables you to add information to the		
	Press # when done.	you to record at the beep.		
	4 Cancel recording	The greeting is canceled. The system returns to the previous menu.		
	9 Save recording	Stratagy ES tells you that greeting (number) has been recorded and returns to the previous menu. Again, you are given the option to review or record over the greeting you have just recorded.		
9.	Press 9 to return to the previous menu.	You are given the option to record another greeting.		
10.	Press 1 and select another greeting number (1~7).			
11.	Repeat Substeps 1~9 for any additional greetings you want to record.	Important! The last greeting selected or recorded is the greeting that callers hear as your mailbox greeting.		
		When you are finished recording greetings, pressing 9 in Substep 9 takes you back to the Manage Mailbox menu.		
12.	Press 6.	The Instructional Greeting Menu plays.		
13.	Repeat Substeps 1~9 as often as necessary to record the instructional greeting(s).			
14.	To return to the Main Menu, press 999 .	Stratagy ES plays the Main Menu options.		

Step 11: Select Greetings

- 1. From the Stratagy ES Administration Mailbox Editor menu, access Mailbox 900.
- 2. On the Auto Attendant tab screen, select the greetings that will play using the spin button for the *Selected greeting* and *Selected instructional greeting* fields. (See Chapter 6 Messaging Voice Processing (MVP) for instructions on the Mailbox Editor screens.)
- 3. (Optional) On the Auto tab screen, you can schedule the greetings to play on specified days and times.

Step 12: Stop and Restart the Stratagy ES Server Service

Step 13: Run Directory Synchronization

When ASR AA software is installed on the Stratagy ES, a routine is added to the Scheduler table to automatically synchronize the Stratagy ES mailboxes and the names directory of the ASR Automated Attendant on a daily basis. In addition, the ASR AA software installs an icon on the desktop (shown at right) so you can generate a directory synchronization without waiting for the scheduled automatic synchronization.



Click the Directory Sync for ASR AA button on the desktop. The ASR AA directory is now synchronized with the Stratagy ES names directory. The synchronization will be automatic in the future.

Step 14: Verify System's Basic Functions

➤ Follow the instructions in the Stratagy ES Installation and Maintenance Manual, Chapter 2 – Installation to verify that the Stratagy ES's basic functions are working.

Step 15: Check Stratagy ES Components Screen

- 1. Click Stratagy ES Components icon. The Stratagy ES Components screen displays.
- 2. Click Resource. Check that one but *not* both of the following components are listed on the screen: ASRHost, ASRAntares.