



# LearnMate 5

LearnMate	intelitek <b>&gt;&gt;</b>
LEARNMATE 🕨 LOGIN TO THE SITE	English (en) 💌
If you have been provided with a username and password or have created one on your own	If you are a STUDENT and have not yet enrolled in the system, click the button below to register
Login here using your username and password (Cookies must be enabled in your browser) Username PasswordLogin Forgotten your username or password? Yes, help me log in	Self-enroll to system Utility check Client Setup Guide
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## Text-to-speech Setup Guide

Catalog #200051 Rev. A

August 2011



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## 1. Text- to-Speech

## **1.1 Verifying Administration Privileges**

Administrator privileges are required to perform these steps.

If you are not sure whether you have administrator privileges on a computer, perform the following check:

For Windows 7, click the Windows Start button, then right-click the All Programs button.

For earlier versions of Windows, right-click on the Windows Start button.

a) If you see "Open All Users" at the bottom of the menu, you have administrator rights on that PC.

0	<b>Open</b> Explore Search
Open Properties	Properties
Open All Users	Open All Users Explore All Users

**b)** If you see just "Open," contact your IT Administrator either to assign you administrator rights or to perform the installation for you.

#### **1.2 Installing Additional Voices**

In order for TTS to work on a student computer, a high quality TTS voice should be installed. *Windows 7, Windows Vista* and *Mac OS X* all have pre-installed TTS voices of high quality. However, *Windows-XP* users are strongly encouraged to install the additional voices, Microsoft Mike and Microsoft Mary, to enhance the voice narration.

The installation of the additional voices is possible with all operating systems, but only necessary with *Windows-XP*.

## **1.2.1 Installing Additional Voices Using Internet Explorer**

Additional voices can be added to your system using *Internet Explorer*, regardless of which operating system is used. Since *Windows-XP* does not come with pre-installed TTS voices of high quality, we recommend installing the additional voices from the *Utility Check* page to enhance the voice narration.

#### To access the Utility Check page and install the additional voices:

1. Open the web browser and browse to your LearnMate 5 server, or double-click the LearnMate shortcut on your Desktop if you created one..

The LEARNMATE LOGIN TO THE SITE page is displayed.

Self-enroll to system				
Utility check Client Setup Guide				

2. Click Utility Check.

The Utility Check page is displayed.

C Utility Check - Windows Internet Explorer					
🖉 http://dev5.robotec.co.Allogin/acpchedi/acp_chedi.php					
LearnMate requires several utilities in orde installed on your PC and to install them who If an object dees not appear in the Fisel To test for installation of Acrobat Reade window, install the application using the lini If there is a speaker ion to the left of the in o lood, dick the link to view instructions TTS installation instructions appropriate for See beliew 'the check indicate that coor LearnMate Getting Started Guide. Utility check	ere necessary. Test column, install the application f r, click the icon in the Test column. If k to the right. he TTS plag-ins below, click it to mak if or configuring Text-to-Speech on Li your operating owstem and browser.	from the links to the right for DPF file does not open te sure that TTS narration earnMate end user compo- they are not, follow the i	in a separate is working. If there iters and review the nstructions in the		
File Type	Test	Download	Local Server		
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Adobe Flash"	and a	Adobe flash"	Adobe Plash <sup>™</sup>		
Learnmate Agent	LearnNate Agent				
Download speed	Download test file				
Cookies are enabled on this browser					
■ TTS Voices for Windows XP*		SApiSvoices.msi	SApi5voices.msi		
40 TTS Plug-in for Nozilla Firefox"		TTS Plug-in	TTS Plug-in		
Click here to view instructions for configu	uring Text-to-Speech on LearnMate er	nd user computers.			
	Contact us   Close 😟				
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		-			

3. Click the link SApi5voices.msi.

🕪 TTS Voices for Windows XP™ 🛛 🧲	SApi5voices.msi	SApi5voices.msi
📢 TTS Plug-in for Mozilla Firefox™	TTS Plug-in	TTS Plug-in

If the browser does not have the *ActiveX* add-on already installed, the bar on the top of the page asks you to allow the file to run.

If ActiveX is already installed on the computer, skip to step 6.

This website wants to run the following add-on: 'SAPI 5' from 'Microsoft Corporation'. If you trust the website and the add-on and want to allow it to run, click here	Run Add-on X Run Add-on on All Websites What's the Risk?
	Information Bar Help

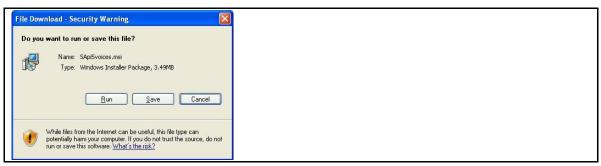
#### 4. Click Run Add-on.

The Internet Explorer - Security Warning window is displayed.



5. Click Run to run the installation file.

The *File Download* – *Security Warning* window is displayed.



6. Click Run in the File Download window

The Internet Explorer - Security Warning window is displayed.



7. Click Run.

The additional voices Microsoft Mike and Microsoft Mary are automatically added to the computer's registry.

#### **1.2.2 Installing Additional Voices Using Mozilla Firefox**

Additional voices can be added to your system using *Mozilla Firefox* regardless of which operating system is used. Since *Windows-XP* does not come with pre-installed TTS voices of high quality, we recommend installing the additional voices from the *Utility Check* page to enhance the voice narration.

To access the Utility Check page and install the additional voices:

1. Open the web browser and browse to your LearnMate 5 server, for example, http://localhost. The *LEARNMATE LOGIN TO THE SITE* page is displayed.

Self-enroll to system	stem		
Utility check Client Setup Guide			

#### 2. Click Utility Check.

The Utility Check page is displayed.

				_
ty Check - Mozilla Firefox				
p://dev5.robotec.co.il/login/appcheck/app_check.php				Ś
the requires assented within is norder in two property. This page to small-them where necessary object does not appear in the Tapin Tuet colume, natal the ap- ther notabilism of the databet Badder, cold the canon the Taut within the transmission of the table the TTS plag-ins tables, clicit vers in a speaker ison to the late of the TTS plag-ins tables, clicit vers in the clicks in configuring Taut Sate Speaker the tables of the click indicates that coolies are analoted on the be URING check. Not Symp	pplication from the lin column. If a PDP file k it to make sure that and user computers prowser. If they are n	tiks to the right. does not open in a s t TTS narration is wo and review the TTS	reparate window, insta rking. If there is no ic installation instruction	II the on, click th
PD#**	内	Acrobat Reader	Acrobat Reader <sup>11</sup>	
Adobe Flash'''	1	Adobe Flash**	Adobe Flash <sup>11</sup>	
Learnmate Agent	LearnMate Agent		-	1
Download speed	Download test file			1
Cookies are enabled on this browser				-
		1		1
1 TTS Voices for Windows XP**		SApi5voices.msi	SApi5voices.msi	
49 TTS Plug-in for Hozilla Firefox***		TTS Plug-in	TTS Plug-in	
Click here to view instructions for configuring Text-to-Speech on LearnMate end user computers.				
percention of the manufactors for configuring Text-to-spi				

#### 3. Click the link SApi5voices.msi.

📢 TTS Voices for Windows XP™	SApi5voices.msi	SApi5voices.msi
📢 TTS Plug-in for Mozilla Firefox™	TTS Plug-in	TTS Plug-in

The **Opening SApi5voices.msi** window is displayed.

You have chosen to open SApiSvoices.msi which is a: Windows Installer Package from: http://dev.robotec.co.il Would you like to save this file?		Opening SApi5voices.msi
which is a: Windows Installer Package from: http://dev.robotec.co.il Would you like to save this file?		You have chosen to open
		which is a: Windows Installer Package
Save File Cancel		

- 4. Click Save File.
- 5. Browse to the folder where the file was saved.
- 6. Double click on the Installer.
  - The Open File Security Warning window is displayed.

Open File - Security Warning
The publisher could not be verified. Are you sure you want to run this software?
Mame: SApi5voices.msi
Publisher: Unknown Publisher
Type: Windows Installer Package
From: C:\Documents and Settings\benjim\My Documents\
<u>R</u> un Cancel
Always ask before opening this file
This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. How can I decide what software to run?

7. Click Run.

The additional voices Microsoft Mike and Microsoft Mary are automatically added to the computer's registry.

## **1.3 Configuring the Browser for Text-to-Speech**

In order to use the TTS narration while in the LearnMate 5 system, you must configure the browser to enable the TTS to be read.

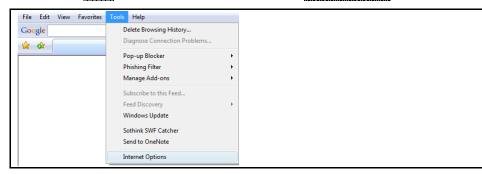
#### **1.3.1 Configuring Internet Explorer for TTS**

In order to use TTS narration with *Internet Explorer*, you need to configure the browser so that LearnMate 5 is added as one of the trusted sites.

Very Important Note: The following instructions allow the running of scripts from this site's zone, and will not affect the level of security when using other sites outside of the zone.

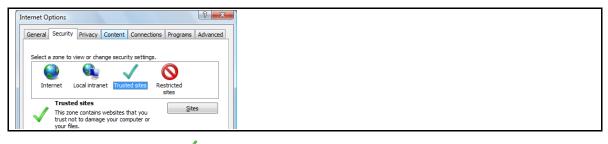
#### To add LearnMate 5 as a trusted site:

- 1. Launch Internet Explorer.
- 2. Select Tools from the menu bar and click on Internet Options.



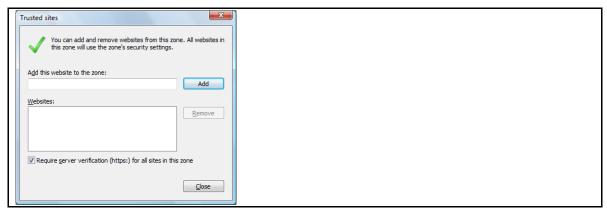
The Internet Options page is displayed.

3. Select the Security tab.



- 4. Click the *Trusted sites* icon in the Select a zone to view or change security settings area.
- 5. Click Sites.
- 6. De-select the checkbox next to *Required server verification for all sites in this zone* if it is selected.

7. Enter the address of your LearnMate 5 server in the Add this website to the zone: field.



- 8. Click Add.
- 9. Click Close to close the window.
  - Note: Now that the website has been added to the trusted sites, you must allow the running of ActiveX scripts from this site, as explained below.
- **10.** In the Security tab of the **Internet Options** window, make sure that the *Trusted sites* icon is still selected in the Select a zone to view or change security settings area of the Security tab.
- 11. Click Custom level...

The Security Settings - Trusted Zones Sites window is displayed.



- **12.** Find the group ActiveX controls and Plug-ins and the item Initialize and script ActiveX controls not marked as safe for scripting.
- 13. Mark the radio button next to Enable.
- **14.** Click OK to close the window.

A Warning! pop-up is displayed.

- 15. Click Yes to accept the changes to the settings.
- 16. Click Apply.
- 17. Click OK to exit the Internet Options window.

*Internet Explorer* is now configured to work with TTS. Internet Explorer must be closed and re-opened for the changes to take effect. Continue to section 1.4. Verifying TTS Installation, page 11.

## **1.3.2 Configuring Mozilla Firefox for TTS**

In order to use TTS narration in a *Mozilla Firefox* browser, you need to install the *intelitek\_tts\_helper.xpi* plugin.

The screenshots in this section are all taken from Windows Vista.

The installation file for the *Mozilla Firefox* plugin is found in the *Utility Check* page.

To access the Utility Check page and install the Mozilla Firefox plugin:

1. Open the web browser and browse to your LearnMate 5 server, for example, http://localhost. The *LEARNMATE LOGIN TO THE SITE* page is displayed.

Self-enroll to system			
Utility check Client Setup Guide			

2. Click Utility Check.

The *Utility Check* page is displayed.

//dev5.abbatec.co.il/login/appcheck/app_check.phy				
ate requires several utilities in order to nun proper output the most spear in the Right Test columns to the several spear in the Right Test columns to the installation of Anzibet Reset, citic the to the installation of Anzibet Reset, citic the ion test a seaware into the Hird of the TTS play- ing a several several of the TTS play- reset is a seaware in the set of the TTS play- reset is a seaware in the set of the TTS play- reset is a seaware in the set of the TTS play- reset is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the set of the TTS play- ter is a seaware in the set of the TTS play- ter is a seaware in the set of the set of the TTS play- ter is a seaware in the set of the TTS playter is a set of the TTS pla	install the application from the lin n in the Test column. If a PDF file a below, click it to make sure the n L application of user commuters	viks to the right, does not open in a t TTS nerration is w and review the TTS	separate window, inst trking. If there is no is installation instruction	d the on, dick the
File Type	Test	Download	Local Server	
POP"	内	Acrobat Reader**	Acrobat Reader**	nstal the n ison, dick the bona iste Getting
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Learnmate Agent	LearnHate Apent		-	-
Cownload speed	Download test file			1
Cookies are enabled on this browser				-
TTS Voices for Windows XP**		SApi5voices.mai	SApiSvoices.mai	-
49 TTS Plug-in for Mobilia Firefox**		TTS Plug-in	TTS Plug-in	
Click here to view instructions for configurin	g Text-to-Speech on LearnNate er	nd user computers.		
	Contect us   Close 🤒			

3. Click TTS Plug-in.

The **Opening intelitek\_tts\_helper.xpi** window is displayed.

Opening intelitek_tts_helper.xpi	×
You have chosen to open	
intelitek_tts_helper.xpi	
which is a: XPInstall Install	
What should Firefox do with this file?	
what should Firefox do with this file?	
Open with     Browse	
O DownThemAll!	
Save File	
Do this automatically for files like this from now on.	
OK Cance	
UK Cance	

- 4. Select the radio button next to Open with and click Browse....
- 5. Browse through to *My Computer* > *Local Disk* (*C*:\) > *Program files* > *Mozilla Firefox*.

The Choose Helper Application window is displayed.

Dpen with				×
😋 🖉 🗢 📕 « Pr	gram Files 🕨 Mozilla Firefox 🕨	- 49	Search Mozilla Firefox	٩
Organize 💌 Ne	v folder			
Name	Date modifie	ł	Type Siz	•
🎉 defaults	3/2/2010 7:33	AM	File folder	
)) extensions	12/19/2010 7:	MA 60	File folder	
🎉 greprefs	12/12/2010 9:	15 AM	File folder	
퉬 modules	12/12/2010 9:	15 AM	File folder	
퉬 plugins	12/12/2010 9:	15 AM	File folder	
🎳 res	12/12/2010 9:	15 AM	File folder	
🍌 searchplugins	8/22/2010 10:	40 AM	File folder	
퉬 uninstall	12/12/2010 9:			
crashreporter.ex	12/12/2010 9:	15 AM	Application	105 KB
🐸 firefox.exe	12/12/2010 9:	15 AM	Application	891 KB
📧 plugin-containe				17 KB
🖄 updater.exe	12/12/2010 9:	15 AM	Application	240 KB 👻
•	m			•
	File name: firefox.exe	-	Programs (*.exe;*.pif;*.o	om;*.br 🔻
			<u>Open</u>	Cancel
			<u>Open</u>	.once

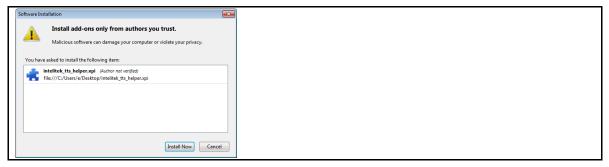
6. Select the *firefox.exe* file and click Open.

The **Opening intelitek\_tts\_hepler.xpi** window is displayed again, but this time with *Firefox* next to *Open with*.

Openir	g intelitek_tts_helper.xpi
You	nave chosen to open
۲	intelitek_tts_helper.xpi
	which is a: XPInstall Install
	from: http://dev5.robotec.co.il
Wha	t should Firefox do with this file?
(	Open with     Firefox (default)
0	DownThemAll!
(	Save File
E	Do this <u>a</u> utomatically for files like this from now on.
	OK Cancel

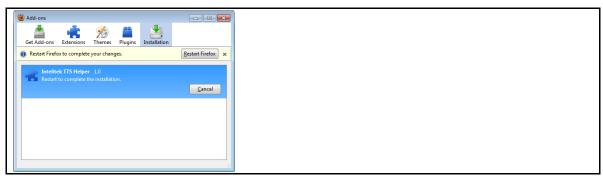
7. Click OK.

The Software Installation page is displayed.



8. Click Install Now.

The *intelitek TTS Helper* is installed to the *Mozilla Firefox* **Add-ons** window.



#### 9. Click Restart Firefox.

*Mozilla Firefox* will restart with the *intelitek TTS Helper* installed. Continue to section 1.4. Verifying TTS Installation, page 11.

#### **1.3.3 Configuring Firefox on Mac OS X to work with TTS**

On a Macintosh computer, Firefox is currently the only browser that can run the TTS software.

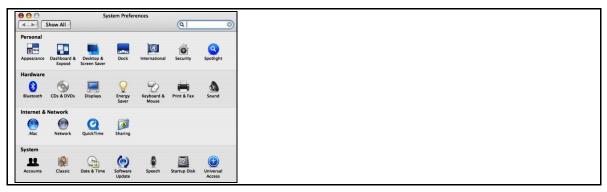
To configure Firefox on your Mac for TTS software:

1. Click the blue Apple icon in the top left corner of your screen.

Ű.	Preview	File	Edit	View
Abo	out This M	ac		
Soft	ware Upd	ate		
Mad	OS X Sof	tware.		

2. Click System Preferences.

The System Preferences window is displayed.



3. Click the speech button.

The **Speech** window is displayed.

00	Speech Speech	
•	Show All	
	Speech Recognition Text to Speech	
	Speakable Items: 🔵 On 💿 Off	
	Settings Commands	
	Microphone: Internal microphone 😯 Calibrate	
	Listening Key: Esc (Change Key)	
	Listening Method:  Listen only while key is pressed Listen continuously with keyword	
	Keyword is: Required 15 seconds after la \$	
	Keyword: Computer	
	Upon Recognition: 🗹 Speak command acknowledgement	
	Play this sound: Submarine	?

4. Click Text to Speech.

Speech     Show All
Speech Recognition Text to Speech
System Voice: Agnes
Speaking Rate: Play
Announce when alerts are displayed Set Alert Options
Announce when an application requires your attention
Speak selected text when the key is pressed Set Key
To have clock announce the time: Open Date & Time Preferences
To change VoiceOver settings: Open Universal Access Preferences
(?)

- 5. Select a voice from the System Voice drop-down menu.
- 6. If necessary, adjust the speed by dragging the Speaking Rate slider to a desired speed.
- 7. Click the Play button to verify that the speech suits your preferences.

## **1.4 Verifying TTS Installation**

Once the additional voices have been installed (if necessary) and the browser has been configured to work with the TTS software, you should check to make sure the installation was successful.

#### To check that your computer is configured correctly to support TTS:

- 1. Close your browser and then re-launch it.
- **2.** Log back into LearnMate 5. Audio icons, 4, should now appear next to all text on the site. If the audio icons do not appear, review the installation instructions.
- 3. Click the speaker icon to play narration or it to mute the narration.
  - If you hear narration, but the quality of the sound is poor, refer to 2.1. Improving Sound Quality, page 12.
  - If you do not hear anything, refer to 2.2. I Cannot Hear Anything!, page 16.

If you do hear the narration clearly, congratulations! You have properly configured TTS to work for your students.

# 2. Troubleshooting

## 2.1 Improving Sound Quality

We recommend installing the additional voices only to Windows-XP users, though the same procedure can be followed to install the additional voices on other systems, see section 1.2. Installing Additional Voices, page 2.

Once the additional voices have been installed, you can select which voice you prefer and then adjust the speed at which the voice narrates the text.

The procedure for accessing the page to adjust the voice narration differs depending on the operating system used. Below are detailed instructions on how to access the page where the voice narration can be adjusted depending on the operating system used.

If you are using:

- Windows-XP, see section 2.1.1. Improving Sound Quality in Windows-XP on page 12.
- Windows Vista or Windows 7, see section 2.1.2. Improving Sound Quality in Windows Vista and Windows 7, page 13.
- MAC, see 2.1.3. Improving Sound Quality on MAC on page 15.

## 2.1.1 Improving Sound Quality in Windows-XP

This section describes how to adjust the voice narration if the Windows-XP operating system is used.

#### To select and adjust the voice quality:

- 1. Click Start.
- 2. Click Control Panel.

Depending on the theme set on your PC, you may have to click <u>Settings</u> in order to access the <u>Control Panel</u>.

3. Click Speech.

The Speech Properties page is displayed.

Speech Properties
Text To Speech
You can control the voice properties, speed, and other options for text-to-speech translation
Voice selection
Microsoft Mary
Settings
Use the following text to preview the voice:
You have selected Microsoft Mary as the computer's default voice.
Preview Voice
Voice speed
Slow Normal Fast
Audio <u>D</u> utput

- 4. In the *Speech Properties* page, select one of the voices from the *Voice selection* drop-down menu.
- 5. In the *Voice selection* drop-down menu, ensure that *Microsoft-Mike* and *Microsoft-Mary* are listed. If they are not, refer to 1.2. Installing Additional Voices, page 2.



- 6. Click Preview Voice to listen to the voices available.
- 7. Select your preferred voice and adjust the speed, if desired, by moving the slider in the *Voice Speed* area left (slower) or right (faster).
- **8.** Click OK to exit this window.
- 9. Return to section 1.4. Verifying TTS Installation, page 11, to retest the TTS narration.

## 2.1.2 Improving Sound Quality in Windows Vista and Windows 7

This section describes how to adjust the voice narration if the Windows Vista or Windows 7 operating systems are used.

#### To select and adjust the voice quality:

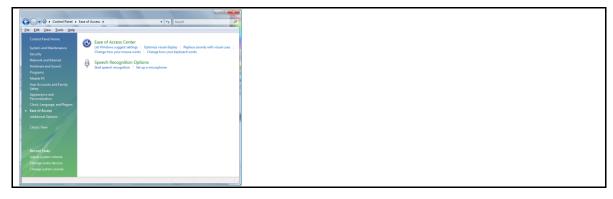
- 1. Click Start.
- 2. Click Control Panel.

The *Control Panel* page is displayed.

CONFESSION				
G . Control Panel >	_		* 69	م ا
Ele Ede Yiew Joob Help				
Control Panel Home     Classic View	9	System and Maintenance Get started with Windows Back up your computer	<u>8</u>	User Accounts and Family Safety Set up parental controls for any user
	۲	Security Check for updates Check this computer's security status Allow a program through Windows Firewall	-	Add or remove user accounts     Appearance and     Personalization     Change desitop background     Customize colore
	•	Network and Internet View network status and tasks Set up file sharing	<b>A</b>	Adjust screen resolution Clock, Language, and Region Change keyboards or other input
	-0	Hardware and Sound Play CDs or other media automatically Printer Mouse	•	methods Ease of Access Let Windows suggest settings Optimize visual display
Recent Tasks	Ø.	Programs Uninstall a program Change startup programs	¥=	Additional Options
Ağsust system volume Manage audio devices Osange system sounds		Mobile PC Change battery settings Adjust commonly used mobility settings		I

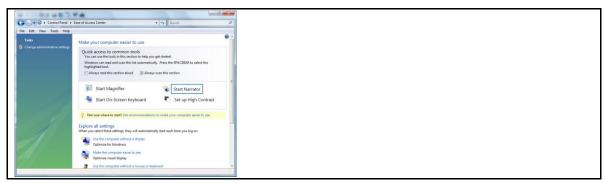
3. Click Ease of Access.

The *Ease of Access* page is displayed.



4. Click Ease of Access Center.

The Ease of Access Center page is displayed.



5. Click Start Narrator.

The *Microsoft Narrator* page is displayed.

Microsoft Narrator
Eile Preferences Help
<u>File Freierences Help</u>
Narrator will read aloud what is on-screen as you
navigate using the keyboard.
Main Narrator Settings
Main Narrator Settings
Echo User's Keystrokes
Announce System Messages
Announce Scroll <u>N</u> otifications
Start Narrator Minimized
Quick Help Voice Settings Exit

6. Click Voice Settings.

The Voice Settings – Narrator page is displayed.

Noice Settings	s - Narrator	X
Select <u>V</u> oice <mark>Microsoft Ar</mark> TOSHIBA ma	nna - English (Uni ale adult (U.S.)	ted States)
Set <u>S</u> peed Set V <u>o</u> lume	5 9	• •
Set <u>P</u> itch	5 OK	▼ Cancel

In this page you can select any of the available additional voices from the *Select Voice* area. You can also adjust the *Speed*, *Volume* and *Pitch* according to your preference.

7. Click OK to exit the Voice Settings - Narrator.

Return to section 1.4. Verifying TTS Installation, page 11, to retest the TTS narration.

## 2.1.3 Improving Sound Quality on MAC OS X

This section describes how to adjust the voice narration if the Mac OS X operating system is used.

#### To select and adjust the voice quality:

- 1. Click the Apple icon at the top left corner of your screen.
- 2. Click System Preferences...

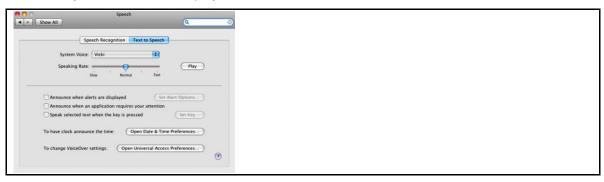
About This Mac Software Update Mac OS X Software	
System Preferences Dock	Þ

The System Preferences window is displayed.

	Show All		System	Q			
Personal Appearance	Desktop &	Dock	Exposé &	International	Security	Spotlight	
Hardware	Screen Saver		Spaces				
Bluetooth	CDs & DVDs	Displays	Energy Saver	Ink	C Keyboard & Mouse	Print & Fax	Sound
Internet &	Network						
MobileMe	Network	QuickTime	Sharing				
System							
Accounts	Date & Time	Parental Controls	Software Update	Speech	Startup Disk	(a) Time Machine	Universal Access
Other							
		-		6			
BrowserPlus	Flip4Mac WMV	Growl	MacFUSE	Version Cue CS3			

3. Click Speech.

The **Speech** window is displayed.



- 4. Click Text to Speech.
- 5. Select your voice preference from the *System Voice* drop-down menu and tweak the speed that text is read at by moving the slider along the *Speaking Rate* scale.
- 6. Click Play to test the voice and the speed.
- 7. Return to section 1.4. Verifying TTS Installation, page 11, to retest the TTS narration.

## 2.2 I Cannot Hear Anything!

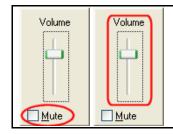
Follow the instructions in this section if the TTS software was installed correctly and the browser was properly configured, but the narration still does not play.

If you can see the Sound and Mute icons underneath text, but no sound plays when the icon is clicked, the reason could be:

- The volume is low or muted.
- The speakers or earphones are not properly connected.

Follow the procedure below to verify your sound settings and speaker/earphone connections:

- 1. Click the speaker icon in the systems tray.
- 2. Ensure that the sound is not muted.
- 3. Ensure that the volume slider is properly adjusted.



- 4. Verify the earphones or speakers are connected correctly.
  - Check to make sure they are connected in the correct jacks.
  - Check to see if the sound works with another program on the computer.