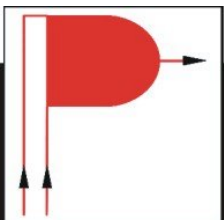


Vaachak

Plug-In for Office
applications

USER MANUAL



Prologix Software Solutions Pvt. Ltd.

8th KM, Faizabad Road, Ismailganj, Lucknow India 226016

COPYRIGHT INFORMATION

©Copyright Prologix Software Solutions Pvt. Ltd.

All rights reserved. No part of this document may be copied, reproduced, stored in any retrieval system or transmitted in any form or by any means, electronically, mechanically or otherwise without prior written permission.

ALL RIGHTS RESERVED

Prologix Software Solutions Pvt. Ltd.

8th K.M. Faizabad Road

Ismailganj

Lucknow 226016

U.P. (INDIA)

Phone: +91 522 2721387

TRADEMARKS

All the brand names and other products or services mentioned in this document are identified by the trademarks or service marks of their respective owners.

DISCLAIMER

The information in this document is subject to change without notice and should not be construed as commitment by Prologix Software Solutions. Prologix Software assumes no responsibility or makes no warranties for any errors that may appear in this document and disclaims any implied warranty of merchantability or fitness for a particular purpose.

Table of Contents

Table of Contents	3
Preface	4
Setup and Installation	4
System Requirements	4
Installation of Vaachak Office Plug-in	5
Working with Vaachak Plug-in	8
1. Vaachak Plug-in in MS Word/ Excel/ PowerPoint	8
2. Vaachak Plug-in in Internet Explorer:	9
3. MS Word - Read out of written text	10
4. MS-Excel – Read out of written text	11
4.1. Row wise Read out	11
4.2. Column wise read out	12
5. MS-PowerPoint – Read out of written text	13
6. Plug in for Microsoft Internet Explorer	15
Special Features of Vaachak Plug in	16
Troubleshooting	17
Vaachak Information	17
About Company	17
About Vaachak	17
Technical Support Information	18

Preface

Intended Audience

This document is intended for the users of the Vaachak™ Office Plug-in version 2.0.

How to use this document

This document provides user instructions on the functionality provided by Vaachak™ Plug-in version 2.0 on stand alone computer system. This can be used as a guide to use all Vaachak Plug-in features on MS Word, Excel, PowerPoint and MS Internet explorer in the correct manner.

We Need Feedback!

We are continuously putting effort to make this manual error free. Still if you spot an error in the **Vaachak™ User Manual**, or if you have thought of a way to make this manual better, we would love to hear from you. Please email your comments at contact@prologixsoft.com

Setup and Installation

System Requirements

Following table indicates the recommended configuration for the installation of Vaachak plug-in on a standalone system.

Microsoft Office	: MS-Office 2000/XP
MS Internet Explorer	: IE 6 and above
Computer	: Pentium III and above
Operating System	: Windows XP/Windows 2000/ Windows 98
Memory	: 128 MB
Hard Disk Space	: Minimum 60 MB (Exclusively for Vaachak)

Installation of Vaachak Office Plug-in

Please ensure before installing Vaachak Plug-in Software:

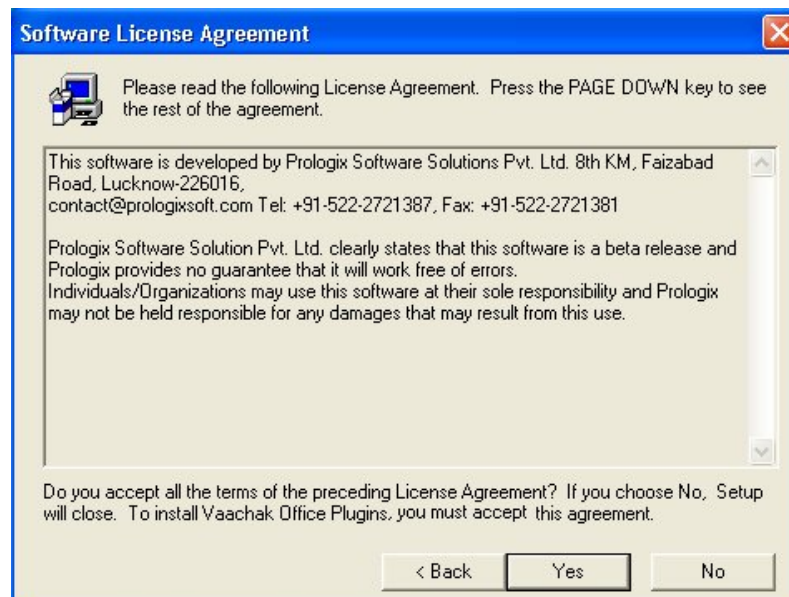
- Please close all applications before commencing installation of Vaachak Plug-in Software
- Machine Should be virus free, Otherwise Vaachak Plug-in Software may not be installed properly

Installation of Vaachak office Plug-In Software for Desktop Machine

1. Insert the CD in the CD drive.
2. Click on 'Vaachak Office Plug-in' then click on 'Setup'. This will start the installation of 'Vaachak'.
3. Follow the screen instructions.
 - Click on 'NEXT' when 'Welcome' is shown.



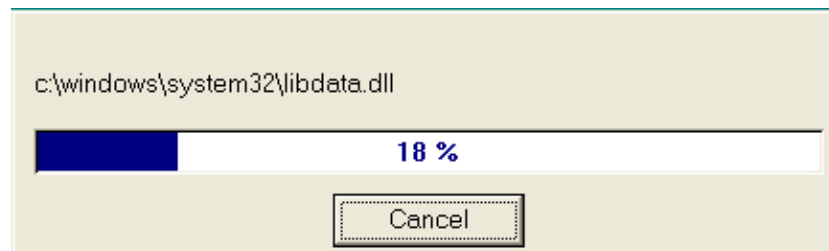
- Click on 'Yes' when 'Software License Agreement' is shown.



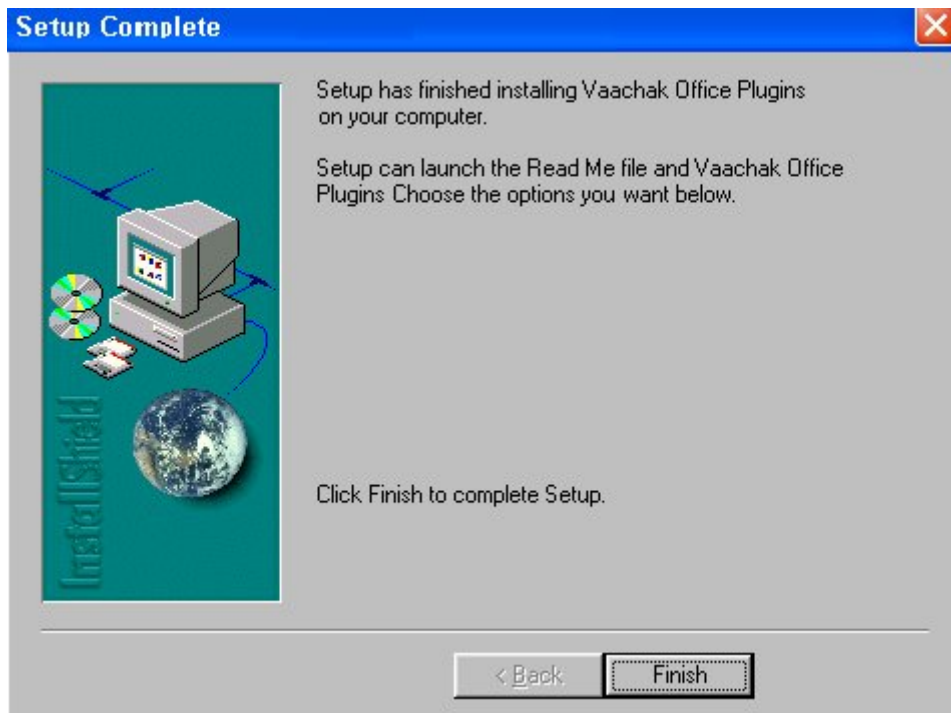
- Click on **'NEXT'** when 'Choose destination Location' is shown. Please do not change the destination.



- Vaachak office plug-in will start installation



- Click on **Finish** when 'Setup Complete' is shown.



Vaachak office Plug-in Software has been successfully install in you system and ready to work with Vaachak.

It is strongly recommended to restart your computer after installation of the Vaachak office plug-in.

Working with Vaachak Plug-in

1. **Vaachak Plug-in in MS Word/ Excel/ PowerPoint:** Following figures visually depict the plug-in in your MS Office tool bar.

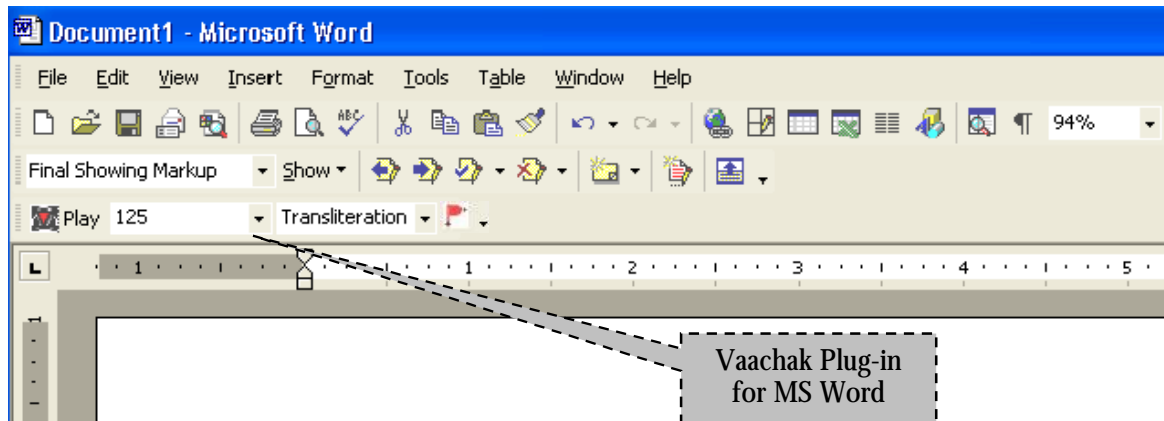


Fig. 1 Vaachak Plug-in for MS-Word

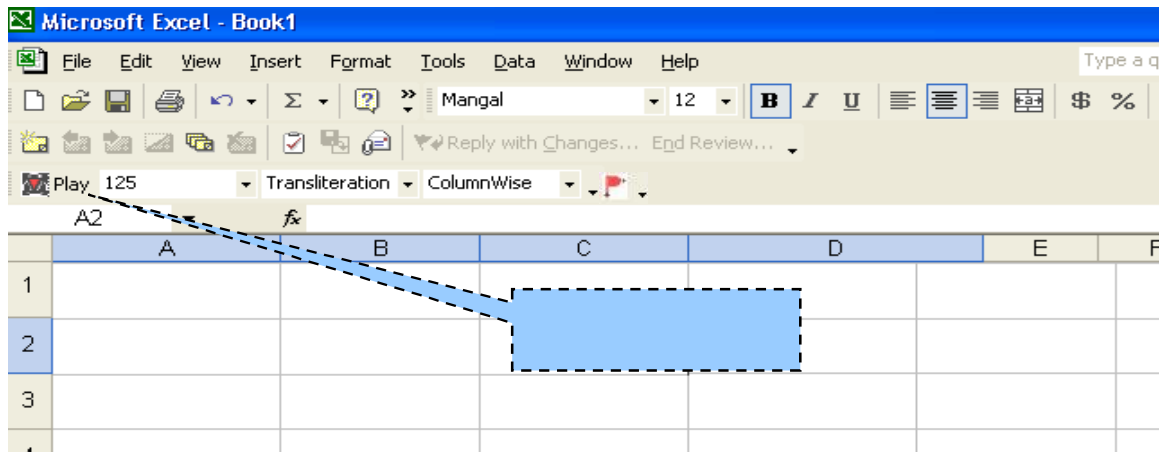


Fig 2. Vaachak Plug-in for MS-Excel

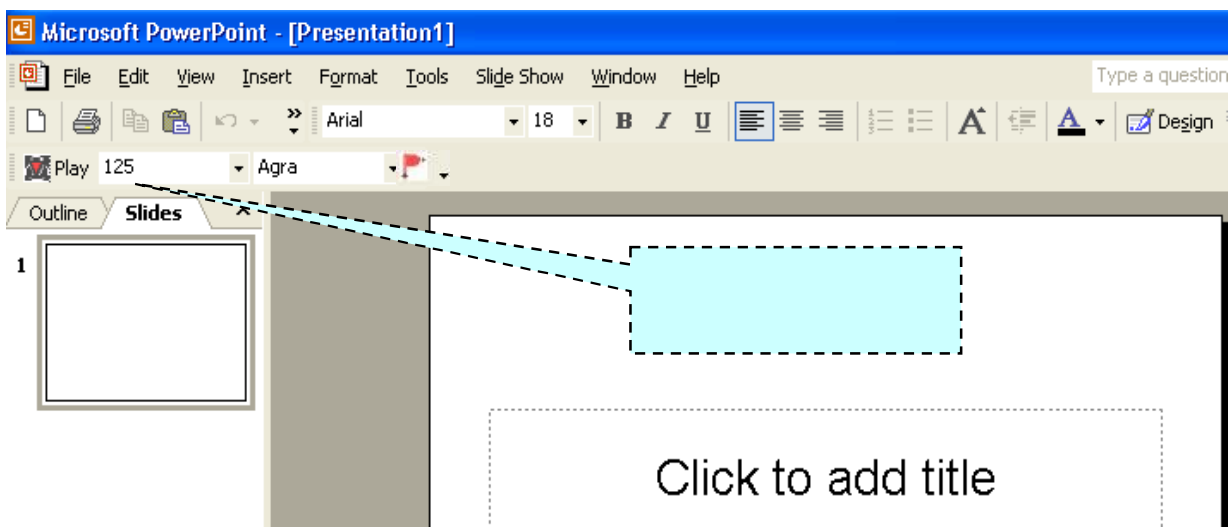


Fig 3. Vaachak Plug-in for MS-PowerPoint

2. **Vaachak Plug-in in Internet Explorer:** Following figures visually depict the plug-in in your Internet explorer tool bar.

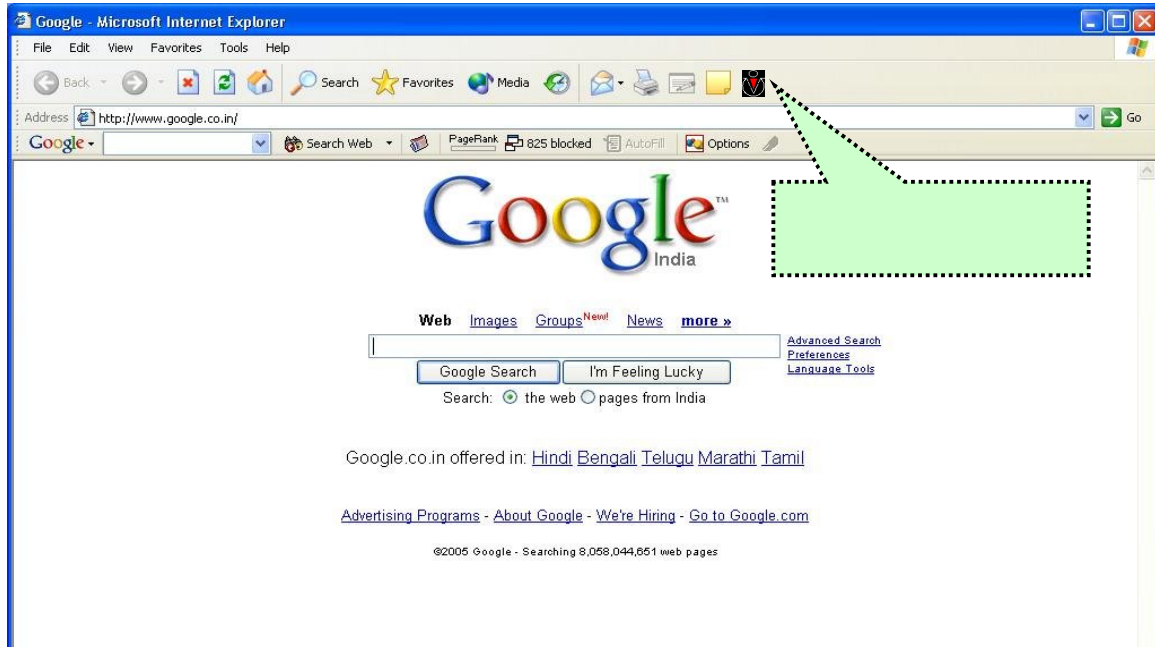



Fig 5: Vaachak Plug-in for Internet Explorer

If you are not able to see the Vaachak plug-in in your MS –Office and Internet explorer tool bar, please click on **View>>Toolbars>>Vaachak**. You will now be able to see the plug-in in your MS - Word/ Excel/ PowerPoint and Internet Explorer toolbar as shown above.

Following figures visually depict various buttons used in the Vaachak Office Plug-in and their usage.

	Play Button: This button will Read out the Hindi text written in the Microsoft office documents.
125	Tempo Menu: This button will allow user to adjust the tempo of the Vaachak voice fig (a).
Transliteration	Font Menu: This button will allow user to select the text font fig (b).
ColumnWise	Row/Column Menu: This menu will allow user to read out of the text row wise or column wise in the MS Excel fig (c).

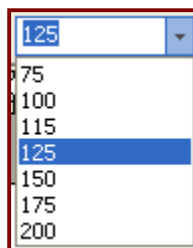


Fig (a)

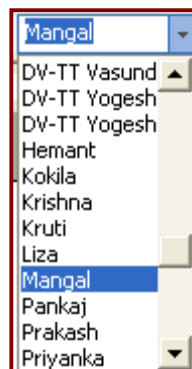


Fig (b)

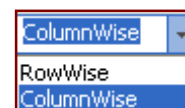
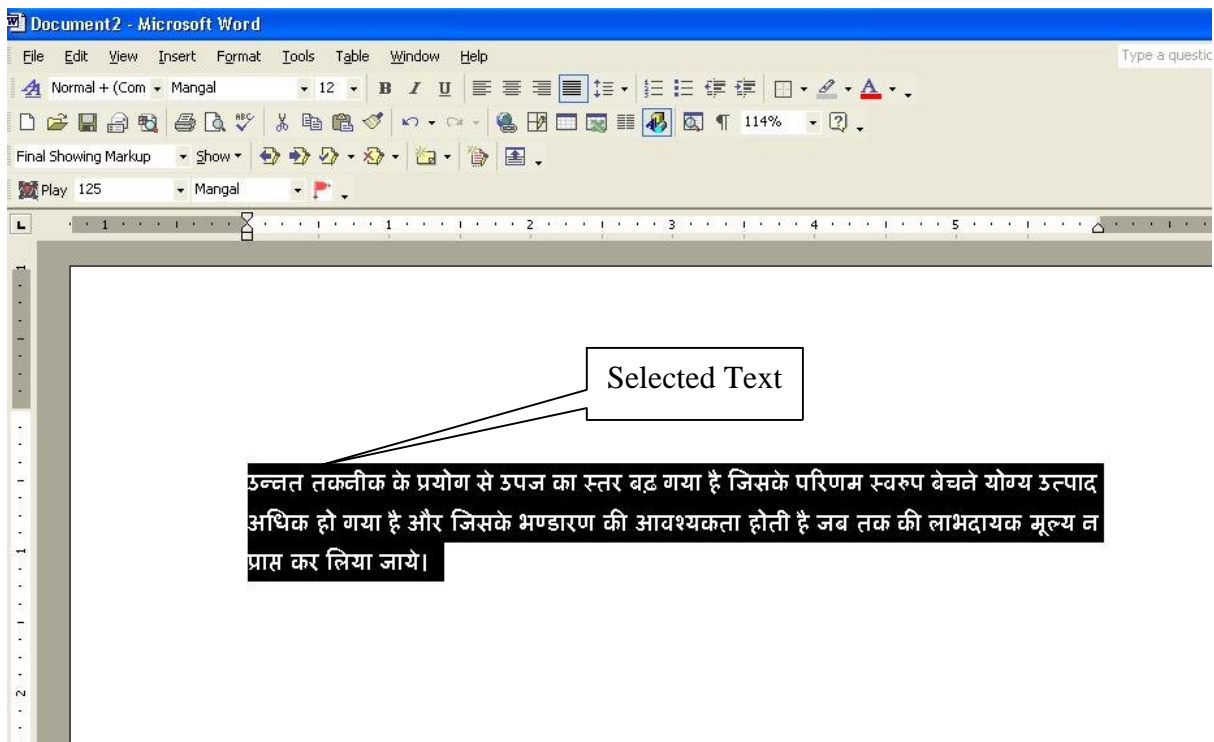


Fig. (c)

3. MS Word - Read out of written text

Text in Hindi in a Word document can be read out with the help of the MS Word module of the Vaachak Office Plug-in. Through a simple, easy to use toolbar, the user can hear out all documents in MS Word through the following steps:

- Open the Hindi Document which you want Vaachak to read out.
- Identify the font of the text.
- Change the font of Vaachak plug-in in font menu to the same font of the selected text.
- Select the Tempo of the voice from tempo menu if required (125 is recommended)
- Select the text you want Vaachak to read out.
- Click on the play button.



4. MS-Excel – Read out of written text

Along with being able to read out information present in Word documents, Vaachak can also be used to help in listening to large amounts of Hindi data in MS Excel documents. Based on the tabular nature of the information, Vaachak can also be configured by the user to read out information in a row-wise or a column-wise manner.

4.1. Row wise Read out

If user wishes to hear information row wise he has to follow these simple steps.

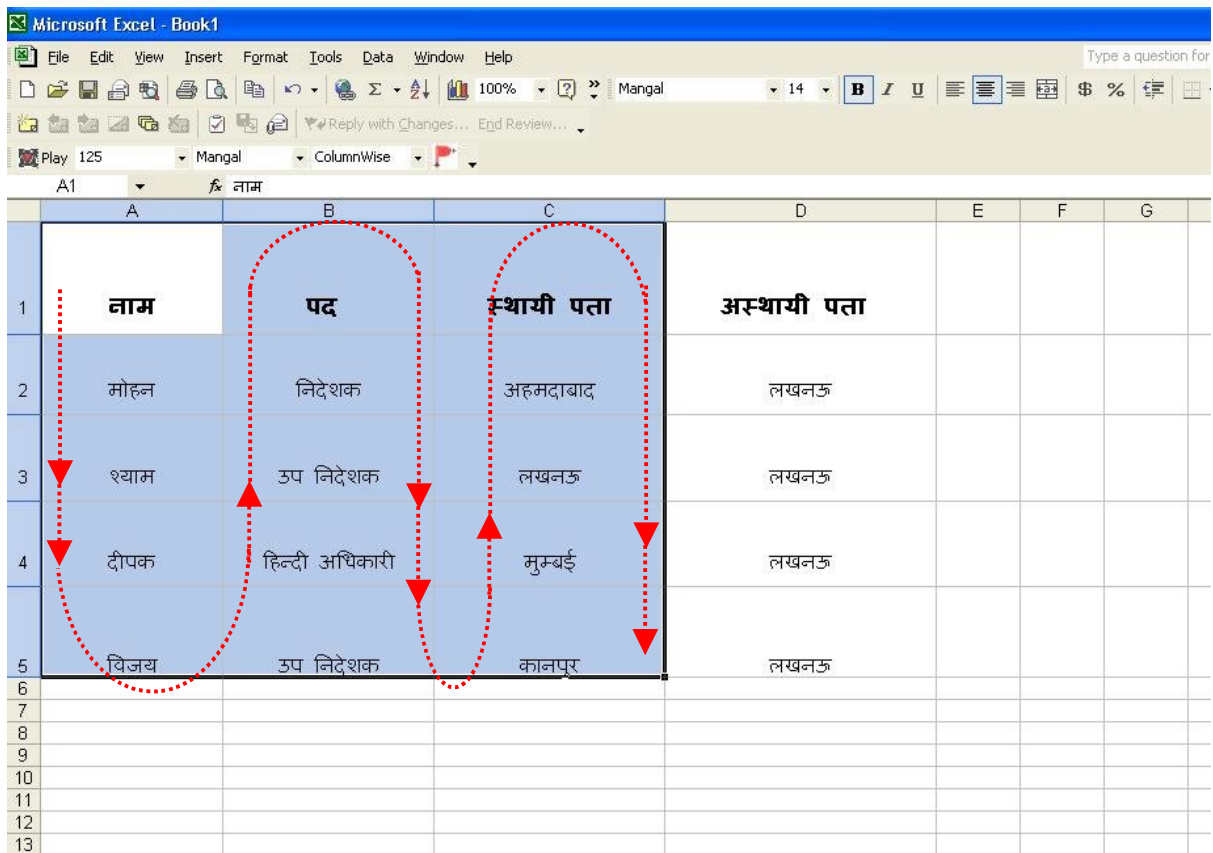
- Open the Hindi excel sheet which you want Vaachak to read out.
- Identify the font in which your data is present.
- Change the font of Vaachak plug-in in the font menu to the same font as your data.
- Select the Tempo of the voice from tempo menu if required (125 is recommended)
- Select RowWise from the Vaachak Toolbar to set row-wise readout of data.
- Select the cells which you want to be read out.
- Click on the play button.

	A	B	C	D	E	F	G	H	I
1	नाम	पद	स्थायी पता	अस्थायी पता					
2	मोहन	निदेशक	अहमदाबाद	लखनऊ					
3	श्याम	उप निदेशक	लखनऊ	लखनऊ					
4	दीपक	हिन्दी अधिकारी	मुम्बई	लखनऊ					
5	विजय	उप निदेशक	कानपुर	लखनऊ					
6									
7									
8									
9									
10									
11									
12									
13									

4.2. Column wise read out

For column wise read of information user has to follow these simple steps.

- Open the Hindi excel sheet which you want Vaachak to read out.
- Identify the font in which your data is present.
- Change the font of Vaachak plug-in in the font menu to the same font as your data.
- Select the Tempo of the voice from tempo menu if required (125 is recommended)
- Select ColumnWise from the Vaachak Toolbar to set row-wise readout of data.
- Select the cells which you want to be read out.
- Click on the play button.





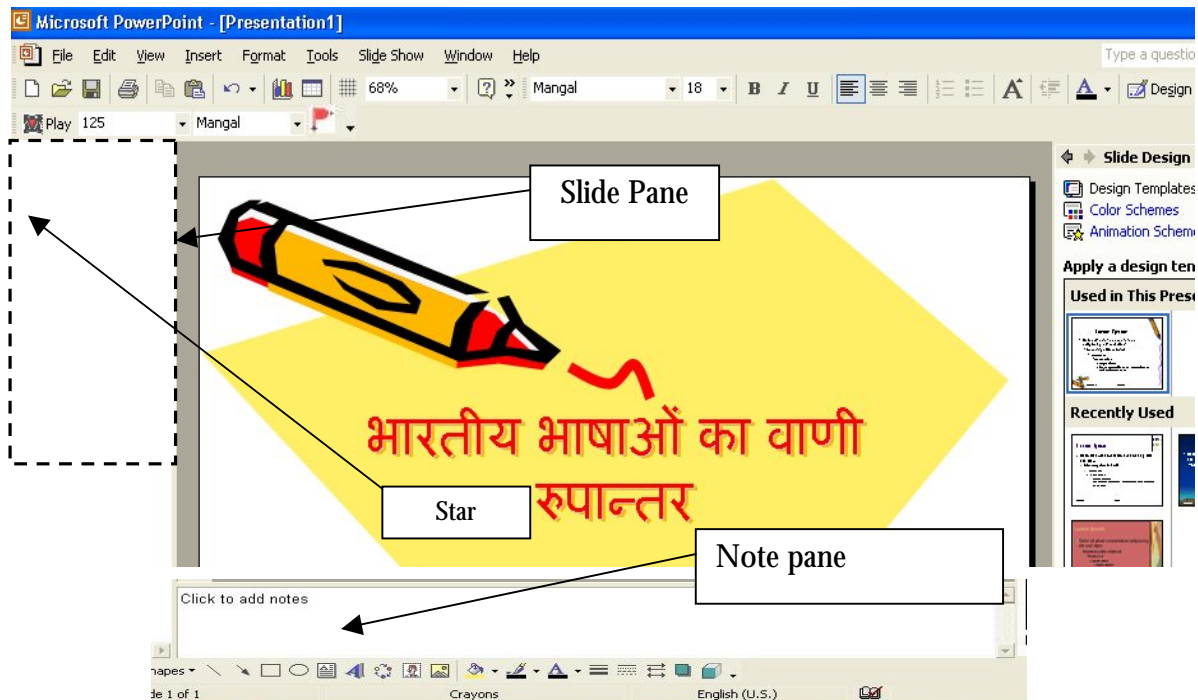
The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E	F	G
1	नाम	पद	स्थायी पता	अस्थायी पता			
2	मोहन	निदेशक	अहमदाबाद	लखनऊ			
3	श्याम	उप निदेशक	लखनऊ	लखनऊ			
4	दीपक	हिन्दी अधिकारी	मुम्बई	लखनऊ			
5	विजय	उप निदेशक	कानपुर	लखनऊ			
6							
7							
8							
9							
10							
11							
12							
13							

5. MS-PowerPoint – Read out of written text

Vaachak has capability to read out information/ Data written in a power point slide. Vaachak can make your presentation more effective by proving text to voice capability to it. It can be done very easily by following these steps.

- Write Hindi text in the text box of the slide or open your existent Hindi presentation.
- Click on the text box and then Click on the play button  of Vaachak Plug-in. you will see a star sign adjacent to the particular slide in the slides pane.
- Change the font of Vaachak plug-in in font menu same as the font of text in the text box.
- Select the Tempo of the voice from tempo menu if required (125 is recommended)
- Click on view show  or press F5. You will see a full screen view of your presentation but not the text Box.
- To view the text which is in the text box, click once anywhere on the screen, you will be able to see the text along with voice played out by Vaachak.



To make your presentation more powerful and an effective one, Vaachak also provides a feature for reading out the presentation notes which could be included by any user in Hindi.



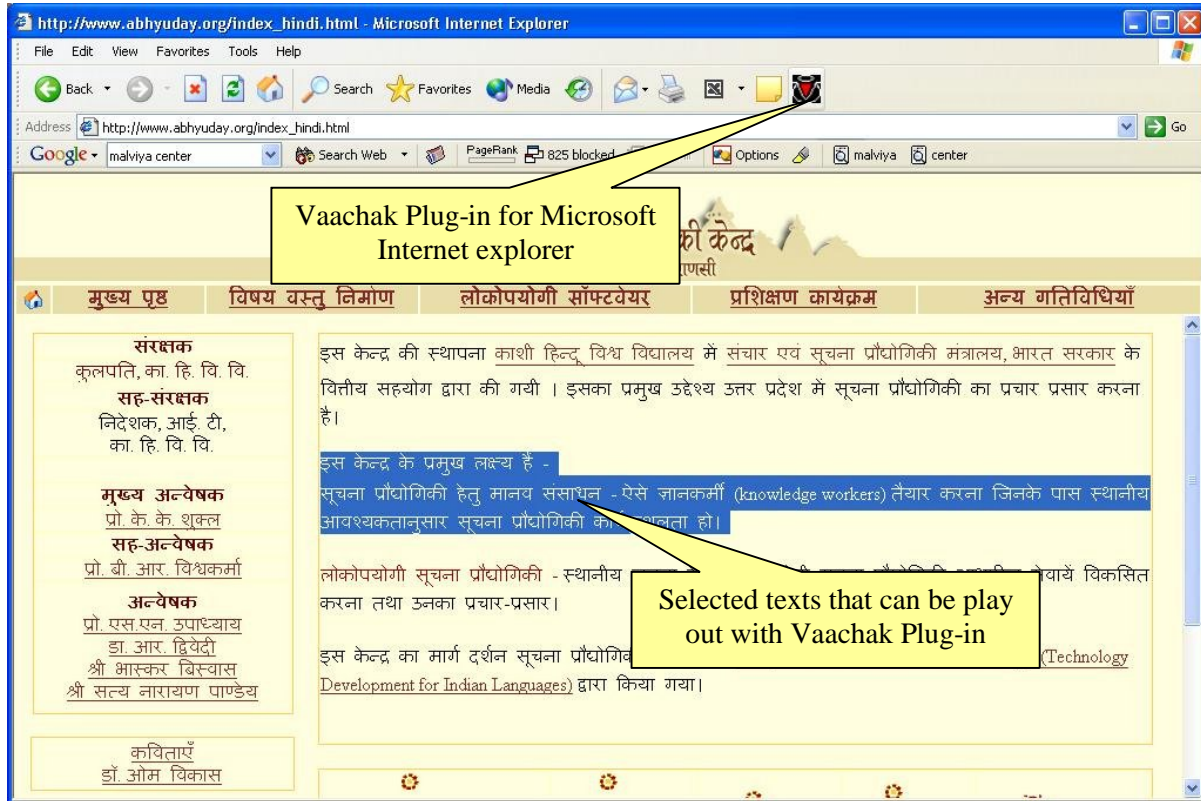
This can be done by typing Hindi text in 'notes pane' as shown in figure. This text would also need to be selected and 'Play' button clicked. The typed text will play out when the particular slide will appear.

When text in both the slide and the notes pane is selected for text to speech conversion, Vaachak first converts the text in the notes pane into speech and then works on the presentation slide.

6. Plug in for Microsoft Internet Explorer

Working with Vaachak in MS Internet Explorer is similar to MS word. Vaachak has the capability to read out Hindi web content. For read out of web content, all that the user needs to is select the content (which is required to be played out) and click on the Vaachak plug-in button.

This will convert the selected text into speech and play it out for the user.



Note: In this feature, it is not possible for the user to select the font of the text and it is important that the content should be in a Unicode compliant font only.

There are a number of email services available in India which allows users to send/receive emails in Hindi on the web. Vaachak can provide a helpful email reading application for users who may want to access email, but may be unable to read for various reasons. With this feature of Vaachak, it can also help those users who do not want to read or who may be print-disabled to be able to listen to their emails in Hindi.

Special Features of Vaachak Plug in

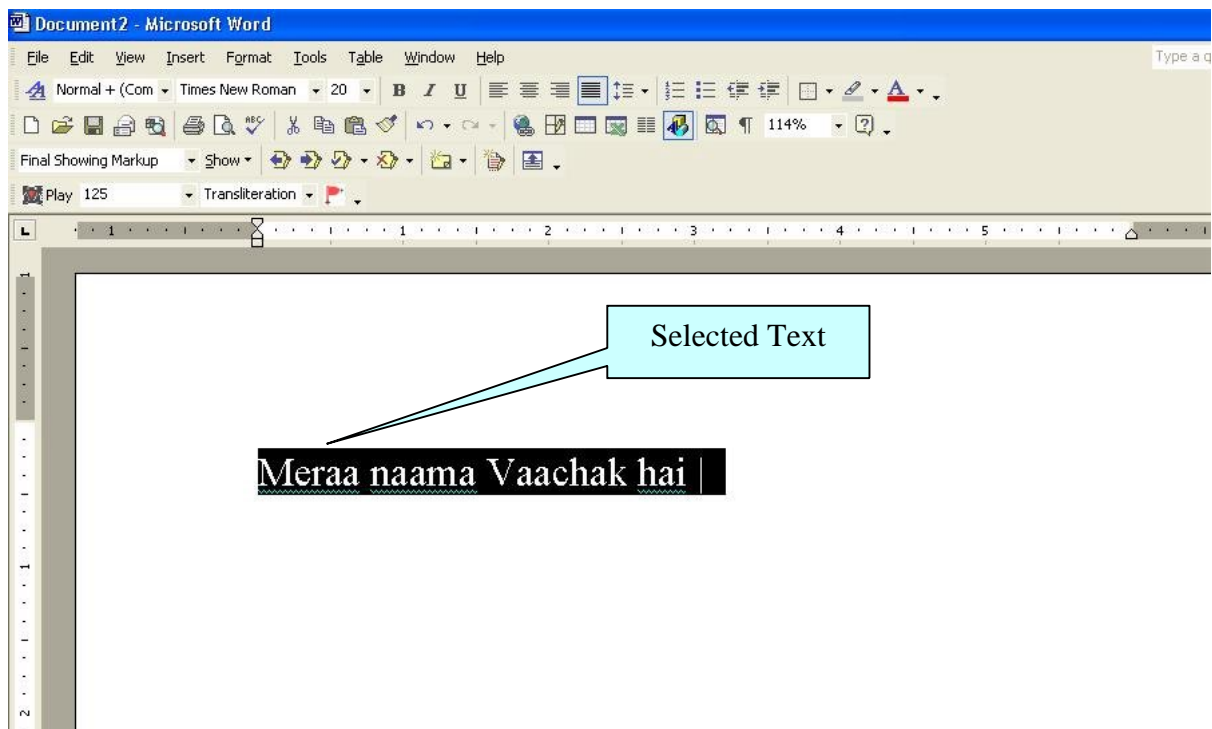
A unique feature has been provided along with Vaachak Office Plug-in. With the help of this feature even if you do not have a Hindi font on your computer, you can type in Roman and Vaachak will be able to read the same out in Hindi. This feature is available on MS-Word, MS-Excel and MS-PowerPoint. Through this transliteration service, it is possible to provide a Hindi speech output for users who do not have Hindi fonts or who do not know how to type in Hindi.

This is particularly useful for Presentations in which the user can type in the Hindi text in the Roman font in the notes pane and have it synthesised and read out in Hindi during the presentation.

This can be enabled by the following steps:

- Select Transliteration in the font menu of the Vaachak plug-in.
- Type in Roman using any Standard English font (such as Arial or Times New Roman), remembering to type phonetically in Hindi. The following guidelines could be used as an aid to typing using Transliteration.

k	kh	ga	gha	D^	ch	chh	j	jh	T	Th	D	Dha	N
क	ख	ग	घ	ड	च	छ	ज	झ	ट	ठ	ड	ढ	ण
t	th	d	Dh	n	p	nn	ph	b	bha	m	y	r	l
त	थ	द	ध	न	प	प्प	फ	ब	भ	म	य	र	ल
a	aa	i	ee	u	oo	e	ai	ei	o	au	v	sh	Sha
अ	आ	इ	ई	उ	ऊ	ए	ऐ	ऎ	औ	व	श	ष	स
a^	aH	aM	A	O	kRa	OM	^	oU	R	s	h	kSh	tra
अ	अः	अँ	ए	औँ	कृ	ऊँ	ँ	औँ	र	स	ह	क्ष	त्र



Troubleshooting:

Q. 1. I have installed Vaachak software in my computer but I can't see the Vaachak Office Plug-in in my toolbar. What should I do?

A.1. Click on View>>>Toolbars>>>Vaachak Commands. This will enable Vaachak Office Plug-in on your toolbar.

Q.2. I have selected the text and has played Vaachak but still I can't hear any voice. What should I do?

A.2. Match the fonts of Vaachak along with the font of the selected text for e.g. if your text is in Kruti dev then select Kruti in the font selection toolbar of Vaachak and click on Play. Now you can hear the text.

Q.3. I have selected all of the text and has clicked on the Play button but there is no voice output. What should I do?

A.3. The aforementioned problem is due to over selection of text. Select few sentences at one time and then play them out.

Vaachak Information

About Company

Prologix Software Solutions Pvt. Ltd.



Prologix Software Solutions Pvt. Ltd. is a Lucknow; India based company focusing on creating innovative speech interfaces for computers. In it's six year history, Prologix has attained significant expertise in the areas of Computer Telephony Integration and IVR systems, Speech Processing and Voice over IP technologies.

About Vaachak

Indian Language Text to speech software

A Text-To-Speech (TTS) synthesizer is a computer-based system that should be able to read any text aloud, whether it was directly introduced in the computer by an operator or scanned and submitted through an Optical Character Recognition (OCR) system. In short – a Text-To-Speech (TTS) software allows Computers to start talking. **Vaachak allows Computers to start talking in Indian accented English and Hindi!**



Vaachak is the most advanced, high quality text to speech software for Hindi and Indian accented English. Vaachak has the capability to read out electronic text on a computer in a clear, natural sounding voice. Some of its salient features are:

1. The first, high quality Indian Language Text to Speech Software for Indian Languages
2. Cutting edge technology used to create life-like, natural sounding speech
3. Currently supports Indian Accent English and Hindi - ongoing work for 7 other major Indian languages
4. Domain independence - no restrictions on vocabulary/ domain of text
5. Multiple Male/ Female voices for different kinds of applications
6. Large custom dictionary implementation to handle abbreviations, special pronunciations
7. Windows XP, Windows 2000, Windows NT, Windows 98/ 95, Linux compliant

Also available from the Vaachak family...

Prologix also offers other variants of Vaachak for different kinds of applications. Vaachak 3.0 is the series designed for high quality applications where naturalness of speech is critical to the deployment. Using segments of human recorded speech Vaachak 3.0 offers multiple voices for reading out texts such as news, directory information, weather/ stock updates, song/ ringtone and film names, etc. in an extremely high quality, human-like speech.

Some of the Vaachak 3.0 speech samples are installed in the directory as below:

..\Program Files\Prologix Software Solutions Pvt Ltd\Vaachak Office Plugins

Technical Support Information

To receive the technical support from Prologix Software Solutions Pvt. Ltd.:

1. Visit the Vaachak™ features at www.prologixsoft.com/vaachak.htm
2. Mail at contact@prologixsoft.com
3. Ask for “Vaachak™ Technical Support” at +91-522-2721387
4. For more information or for placing order for other Vaachak variants please visit us at: www.prologixsoft.com