

OVERVIEW

IBSAR is the most popular Arabic screen reader all over the Arab world. Ibsar is an advanced scanning and reading solution that helps bringing the world of the Internet and E-mail to the blind and users with low vision. The new Ibsar 6.0 uses the most natural Arabic TTS that reads the full range of Arabic/English Web page data in a logical, clear and understandable manner. Ibsar 6.0 opens the information highway to the visually impaired people to prove their skills and capabilities as any other person.

KEY FEATURES

- Uninstalling the old version automatically upon starting the setup
- Enabling the blind person to install the program by himself with the help of voice guidance
- Using MP3 converter to convert any text into MP3 file
- Reading files with (*.pdf) extension
- Supporting Hotmail and Yahoo mails extensively
- Compliance with Internet Explorer 7.0
- Adding a new cursor which is Sakhr Additional Cursor to Simulate the Mouse
- Selecting the speaker (seven speakers are available)
- Using shortcut keys to control reading speed
- Using Braille USB printers in addition to printing through a network printer
- Handling any speech engine supporting SAPI 5
- Adding new words to the translation dictionary
- Adding a new shortcut key to track changes in MS Word
- Reading in unsupported programs through the Scripting feature
- Reading tables in MS Word
- Telling the user vocally about the misspelled words
- Supporting reading equations contents in MS Excel
- Detecting and reading any comment on any cell in MS Excel
- Supporting reading messages in Outlook Office
- Supporting reading slides in MS PowerPoint
- Starting reading upon launching the Web page
- Displaying all the page hyperlinks through a shortcut key
- Moving directly to the next edit box on a Web page
- Moving word by word and translating the word on the spot
- Reading the required link through a shortcut key

Ibsar comprises a number of applications that are intended to help the blind through scanning paper documents and then reading and printing them on Braille printers, as well as

allowing them to know the meanings and synonyms of Arabic/English words, etc. Additionally, it comprises a tutorial that trains the beginners on using the keyboard. Here are two of the most important applications integrated in Ibsar:

1. THE DOCUMENTS READER

Documents Reader is an advanced program for reading books and documents through the integration of OCR (Optical Character Recognition) and TTS (Text To Speech) technologies. Using the OCR technology, scanned documents' content is recognized and converted into text and the TTS technology is used to read this Arabic/English text naturally and clearly. Documents Reader also comprises a user-friendly files' organizer, a bilingual dictionary and a spelling checker. Additionally, users can edit, search within, save and print the resulting texts using any normal or Braille printers. Ibsar 6.0 is available with or without OCR.

2. TUTORIAL

This program teaches the beginners using the keyboard, typing characters, words, and sentences, and performing different typing functions. It contains four progressive levels for beginners to teach them how to use the keyboard in English and Arabic, and how to handle the basic computer tasks.

System Requirements	Minimum	Recommended
CPU	Pentium III 800 MHz	Pentium IV
Free Disk Space	2.2 GB	2.2 GB
RAM	512 MB	1 GB
Multimedia	Sound Card Full Duplex, Scanner	Sound Card Full Duplex, Scanner with auto-feeder
Operating System	Windows XP	Windows XP
Others	Modem, Speakers	Modem, Speakers, MIC

ABOUT SAKHR

Sakhr Software is the pioneer in developing and applying Arabic computational linguistics. Its 1500 man-year research and development efforts have created unique Natural Language Processing (NLP) technologies employed within international state-of-the-art solutions to properly handle Arabic content.

Sakhr incorporates its Arabic NLP technologies in a range of intelligent solutions for education, document management, workflow, Optical Character Recognition, search text mining, news clippings, machine translation, text to speech and speech recognition.



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