



the Indian Language Text to Speech Software
भारतीय भाषाओं में लेख का वाणी रूपांतर

Features:

- The **first, high quality Indian Language Text to Speech Software** for Indian Languages
- Cutting edge technology used to create life-like, natural sounding speech
- Currently supports **Hindi** – ongoing work for Indian English and 7 other major Indian languages
- Domain independence – no restrictions on vocabulary/ domain of text
- Multiple Male/ Female voices for different kinds of applications
- Large custom dictionary implementation to handle abbreviations, special pronunciations
- Can be customised to create specialised, custom voices or 'voice brands' for large organisations
- Windows XP/ Me/ 2000/ NT/ 98/ 95, Linux compliant
- *Text Input:*
 - Supports **Romanised Hindi** (Transliteration) input
 - Supports both **Unicode** and **ISCI Devanagiri** input
 - Support for **Third party fonts and font families** e.g. Akshar, APS, Akshara, ISM, Leap, Chanakya, Shusha, Shivaji, Kruti Series & popular fonts such as Agra, Krishna and Chandni
- Rule based approach helps control:
 - Option to speak numbers as individual digits (phone numbers, etc.)
 - Indian Currency (Rupees, Paise), Indian Number System (Crore, Lakh, etc.), Decimal digits

Applications:

- a) **Communications** – Email/ Document reader, Automatic voice overs to Hindi presentations, Readout of Hindi websites, Notification alerts, Email/ News over telephone, Hindi messaging, etc.
- b) **Education and Literacy** – Readout text from Hindi e-books, teaching aids, electronic blackboards, talking toys, slates; Aid Hindi learning/ propagation of Hindi; Disseminating adult education to farmers, rural population over Info-Thelas/ Cyber Kiosks/ Community Information Centres, etc.
- c) **Services** – Election/ examination results, Health updates, Travel information, Traffic updates over telephone; Directory enquiry services, Voice portals, Hindi SMS to speech, Telematics, Location locators, Name readout of Indian names in Roman, etc.
- d) **E-Governance** – Land Records information over telephone, Election services such as polling center information, Mandi prices, Govt. policy information, Application tracking/monitoring, Information dispersal through digital mandi's, kiosks, etc.

Availability:

- a) **Desktop:**
 - As a **SAPI compliant library** for developers, ISVs, System Integrators – for desktops/ kiosks
 - As a **Plug-in for MS Office** on PCs – enables read out of documents, spreadsheets, presentations, websites, etc.
Microsoft Office 2003, Office XP, Office 2000, Office 97 compliant

- b) **Vaachak™ TTS Server edition:** For high performance IVR/ enterprise environments – as a SAPI compliant SDK



- c) **Low resource platforms such as PocketPC:** Successfully integrated with PocketPC/ WinCE. Can be easily integrated with Handheld platforms such as Simputer, Symbian, PalmOS and other embedded platforms