

**Prologix Software Ltd.**

**Vaachak : The Indian Language Text to Speech Software**

**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 **ISCII 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 mandis, 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

