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/dominion 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 ISClI 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