



# CST<sup>SM</sup> GROUP

## Sample Products

<http://www.cst-us.com> <http://www.cst.ro>



## Voice Processing Technologies (VPT)

We are using the speech processing systems based on Neural Network (NN) technologies in a pilot project for the development of a bilingual (English and Romanian) engine for text to speech / automatic speech recognition and other applications like spoken e-mail, help assistant, etc.

### Key features/Benefits:

- Spoken E-Mail Systems
- General purpose information kiosk
- Voice-driven banking operations
- Phone shopping centers
- Information delivery systems
- Hardcopy readers
- User-friendly computer interfaces for visually impaired persons
- Language learning systems

### Architecture Summary

Client	Windows Standard Interface
Application Server	The technology we are developing uses Evolutionary Algorithms for NN supervised training structure of a Hyper-sphere type Neural Network classifier. C++ UML Platform independent
Value-added Server	TTS, ASR Integrated Notifications