VOICECOM SDK

Software Developer Kit
for Language Independent Voice Command Control

Speech Technology Center offers for licensing ready-made voice commands technology to enable any application with a most natural and convenient voice interface.

STC is also ready to implement its own original speaker-dependent or speaker-independent speech recognition technology into your particular products. Both PC and DSP solutions are available.

Applications

- Business software;
- Medical software;
- Educational software;
- Multimedia software;
- Spoken password input;
- Spoken numerical input as an alternative to keyboard input for any Windows program;
- Electronic and computer games.

SDK Package

- 32 bit DLL (dynamic link library) for MS Windows XP/2000/9x/ME/NT;
- user's manual;
- sample demo software with sources in Visual C++.

SDK for other OS and ANSI C source codes are available by special order. Prices will be quoted upon request. Free demo is available at the web site.

VoiceCom SDK is registered under Russian legal regulations. The registration number is 2000610353 of 05/05/2000.

Advantages

- Recognizes dozens of speech commands. The user can have as many commands as necessary. The maximum number depends on the commands menu structure;

- Activation with a 'magic' key word (optional);

- Recognizes commands in any language;

- Can be adjusted to any new voice;

- Has an option to improve recognition;

- Voice response for acknowledgment, that is audible confirmation that the command is understood and the system is ready to perform it (optional);

- Can be combined with speaker verification module Voice Key SDK to restrict access to some commands, for example, for children or visitors;

- Can work in the speaker-independent mode with a possibility to add speaker-dependent word templates;

- STC developers have great experience in creating and optimizing commands templates database in order to have speaker-independent mode for specific applications;

- Noise robust, shows good recognition in noisy environment;

- Low resource consumption. The technology can be embedded in any resource-limited device (mobile equipment, PDAs, etc.) When embedded in PC software, it doesn't lead to performance loss.

- Also available
  - Voice Command Control DSP Board
  - VoiceCom TI eXpressDSP compliant algorithm