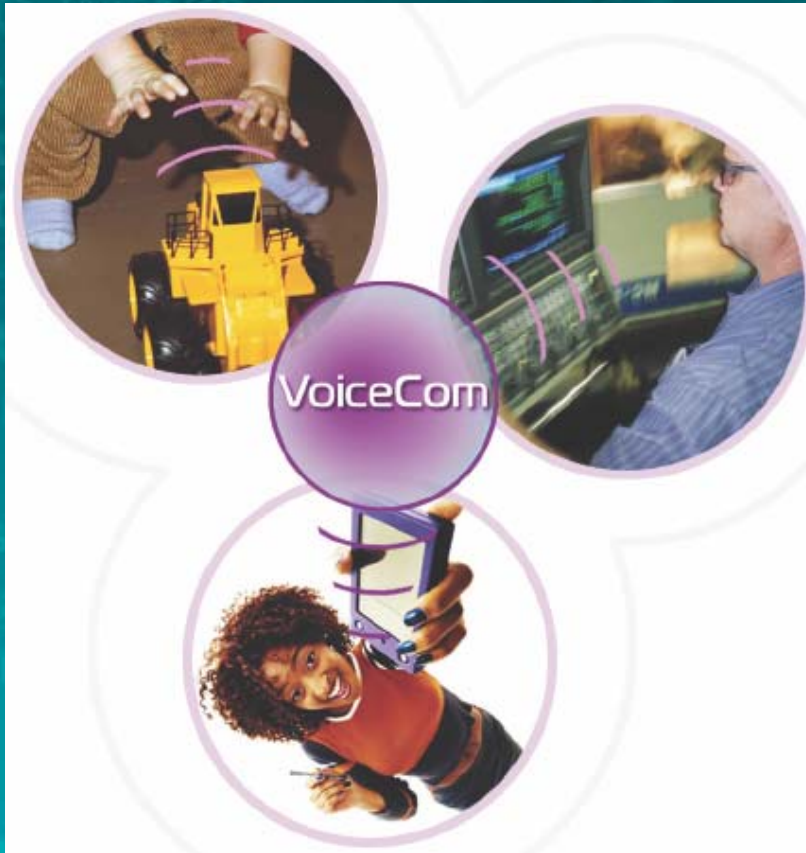


Voice Com



Voice Command Control Technology



Voice Com

Available As:

- End User Application
- Software Development Kit
- DSP Board
- TI Compliant Algorithm



Voice Com

Teach any device to obey your voice commands rather than using buttons, switches, remotes, keyboards...

- Voice com is language independent
- Few requirements needed for microphones & placement
- Low Resource consumption, can be developed for PDA
- Noise robust, good quality in noisy environment



Voice Com

Voice Navigator

As an End User Application Product Name:- Voice Navigator

- Business – cooperate application Notebooks
- Sales forces, utilities, mobile engineer via PDA
- PC Home users just for fun



Voice Navigator
Command Window



Voice Com

Software Kit

As a Software Development Kit (SDK)

- Embedding into Educational & Training Software
- In Notebooks and PDAs
- Industrial Applications
- People with Physical Difficulties



Voice Com

DSP Board

As a DSP Board Product Name:- DiVo

- **Combination: Voice commands recognition algorithm**
Noise cancellation algorithm
Echo cancellation algorithm
- **Car Hands free Voice Command phone kits**
- **Control of Industrial machines**
- **Toy manufacturing**
- **Home appliances**



Voice Com

Standards SDK & DSP

- **SDK : 32bit DLL for MS Windows Environment**
- **Demo sources in Visual C++, manual & demo software**
- **DSP : TI C54xx DSP, or hyperstone E1-16, 32.**
- **Improves Signal to Noise Ratio (SNR) up to 70 dB for tonal noise, and 20 dB for broadband**



Voice Com

Standards TI Algorithm

- Platform TMS320 C54xx
- TI eXpress DSP (XDAIS) compliance
- Memory: Code 20kw Data 10Kw
- Processor Requirement: 2.5 MIPS
- Data Reference and code fully relocatable



Voice Com

Competitive Advantages

- Not Dependant on Language of Specific Words
- Uses little PC Resources
- Not as sensitive to microphone proximity
- Works with standard sound cards and microphones
- Feature of recognition improvement
- Noise Robust



Contact us





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