

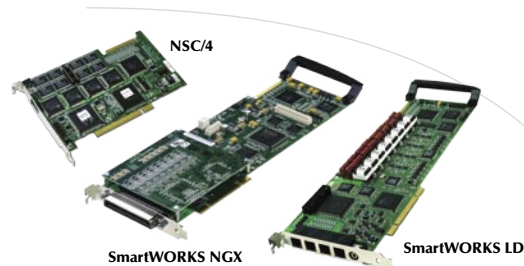
## Standard Features for WordALERT Bundles

- Discrete - Word Recognition
- Phrase – Word Recognition
- Echo cancellation
- Polling mode API
- SNMP support
- VXML and SALT support through ABNF
- Grammar Development Tools
- Multiple Language
- Board based licensing model



Since 1991, Ai-Logix has designed boards used in interactive and passive telephony applications. With global support for all types of telephone and radio systems - analog, digital, and enterprise PBXs, Ai-Logix products have set a new world standard in telephony communications. A single API, combined with event driven reporting simplifies application development by providing one standard for all types of networks.

The WordALERT family of products is ideal for adding real-time key word spotting (KWS) or post real-time word mining to your application. WordALERT boards are speaker independent voice recognition products tailored for ASR in the call recording industry. Featuring a unique DSP based engine (designed by NSC Speech), WordALERT products provide flexibility and performance without taxing the host processor as well as board based language licensing.



## Key Features and Benefits

### Predictable Performance

Easily determine the number of channels and words supported per board.

### Dynamic Grammar Allocation

Change the list of words to be recognized on the fly by using the provided grammar development tools.

### Multiple Language Support

Each DSP can run a different standard or custom language.

### Custom Language Support Available

The Phoneme based architecture makes it easy to add special language cases

### Host Independent

The recognition runs on the board and not on your host processor. No host MIPS calculation needed.

### Flexible Architecture

The DSP architecture supports from 1 to 4 sessions per DSP depending on the applications grammar requirements

### Scalable

Up to 4 NSB boards can be used in a chassis

## Tap Environment

Combine WordALERT products with any of the SmartWORKS Passive Tap products to add KWS. Up to 512 channels of passive tap can be serviced via H.100.

## Word Mining Environment

Use the WordALERT products with any available SmartWORKS VR resource.

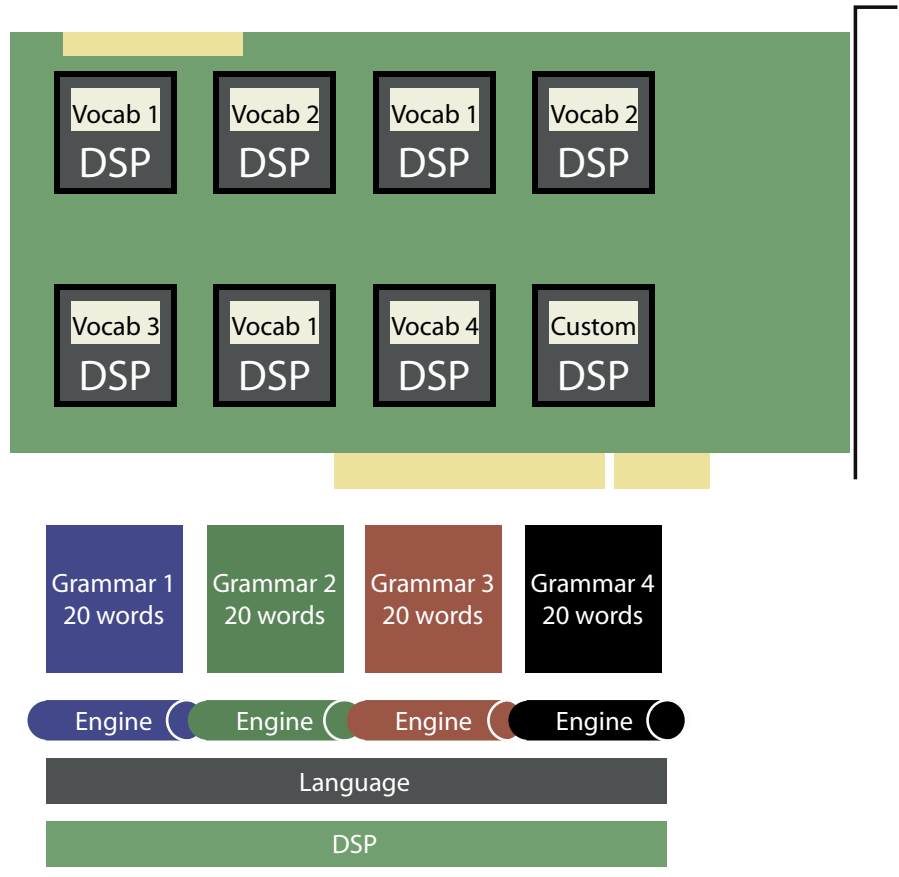
Files recorded using any Ai-Logix supported codec are converted via the H.100 bus for WordALERT analysis.

## Grammar Development

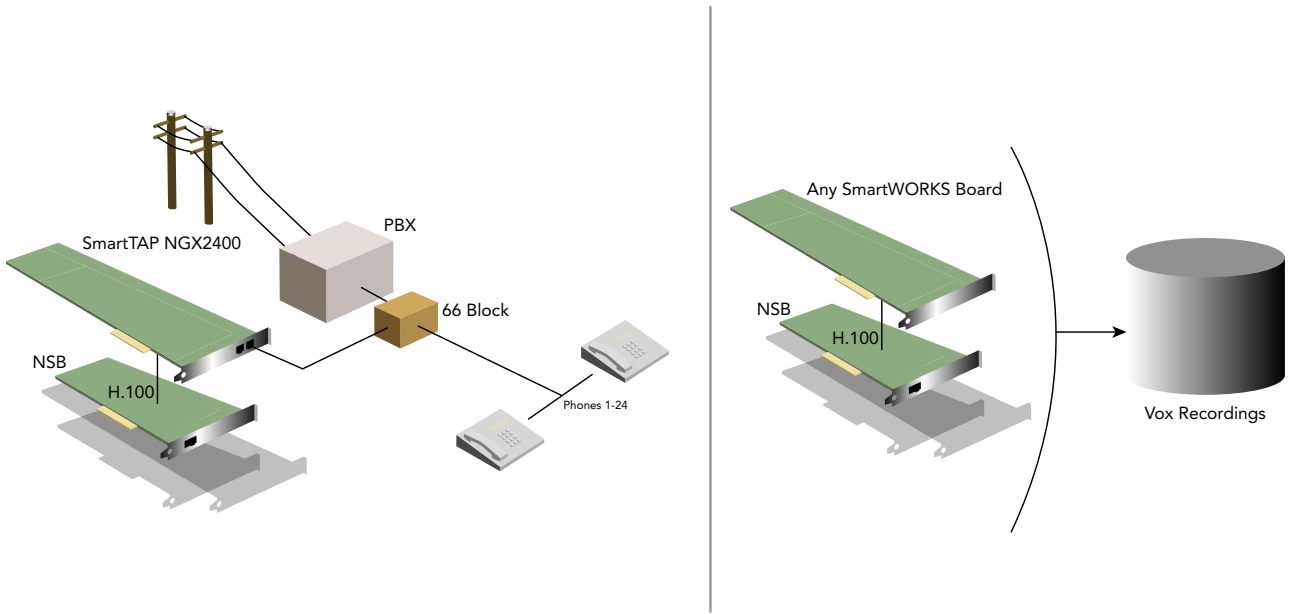
NSCGrammar is a development tool for defining recognition tasks through the specification of a grammar syntax.

NSCConfig is a configuration tool that provides control of the ASR resource.

### WordALERT Architecture



### WordALERT Application Models





CHARLOTTE, N.C.

Tel (704) 365-1100

DALLAS, TX.

Tel (972) 818-8990

WASHINGTON, DC

Tel (301) 622-5330

EUROPE

Geerweg 57  
2461 TT TER AAR  
The Netherlands  
Tel 31+172+425133

CHINA

Beijing, PRC  
Tel 86+10+82512288  
or  
86+10+82512299

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AI-LOGIX CORPORATE HEADQUARTERS

Ai-Logix, Inc. · [www.ai-logix.com](http://www.ai-logix.com) · 27 World's Fair Drive, Somerset, NJ · 08873

T: 732-469-0880 · F: 732-469-2298