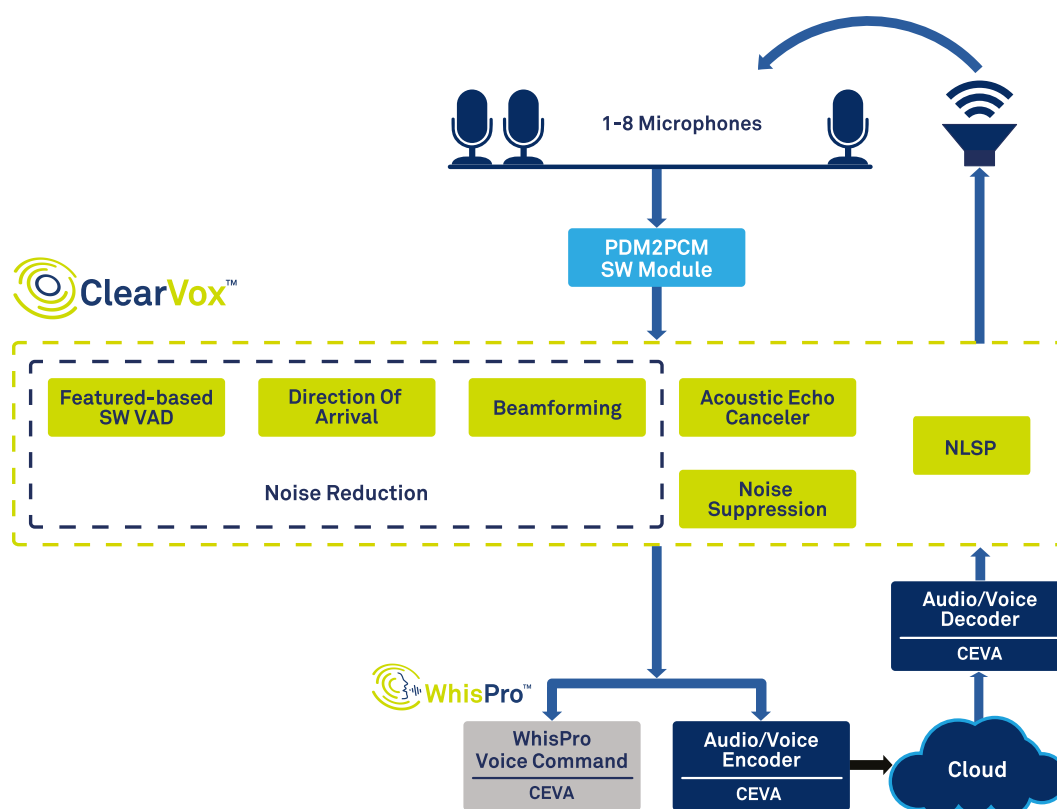


Far-Field Voice Controlled Smart Speaker Reference Design

➤ **Powered by CEVA ClearVox front-end voice processing and WhisPro speech recognition SDK on a CEVA DSP**

- **ClearVox** provides direction of arrival, beamforming, noise reduction and acoustic echo cancellation
- **WhisPro** speech recognition provides voice activation during music playback (barge-in)
- Fully integrated multi-mic smart-speaker reference platform



➤ **ClearVox software suite is available in two packages:**

- **ClearVox Universal**- targeted for smarthome, wearables and automotive applications
- **ClearVox Headset** - optimized for headset applications