

**WHO**

**SYSCOM:** NAVAIR  
**Sponsoring Program:** Naval Air Warfare Center Training Systems Division (NAWCTSD)  
**Transition Target:** Next Generation Threat System Analysis and Reporting Tool (NGTS ART)  
**TPOC:** (407) 380-8130  
**Other Transition Opportunities:** KBSI's Maestro Application  
Air Force Advanced Training Systems Center

**Notes:** KBSI is currently working with the Navy's Maritime ISR cell to improve after action reviews and student brevity course activities with the ReVoice technology.

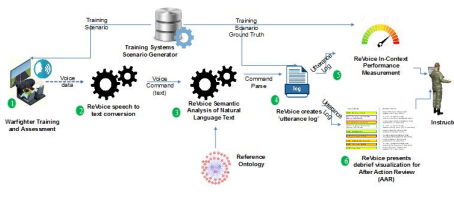


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**WHAT**

**Operational Need and Improvement:** Inefficient use of voice data for training performance measurement  
Lack of contextual understanding for voice and text  
Cognitive overload for Training Instructors  
Limited support for persistent data capture, reach-back, and re-use  
Increasing training life cycle costs

**Specifications Required:** Seamless integration into existing Naval training systems  
Improved after action report capability

**Technology Developed:** Noise-robust speech recognition with voice profiling  
Natural language processing engine with advanced semantic analysis  
Context-specific performance measurement with integrated voice data  
'Instructor in a box' solution for BREVITY term training and assessment  
Intuitive AAR / Debrief visualization  
Open architecture based implementation for affordable integration with NGTS ART and other Navy training systems

**Warfighter Value:** Improved Air Defense Integrated training effectiveness through the use of efficient methods in performance measurement through exploiting information in voice data  
Significant reduction in instructor workload through automated analysis and objective assessment of voice data  
Enhanced diagnostic feedback by correlating voice data and tactical execution data in near real-time  
Significant reduction on time to prepare AAR debrief  
Reduced training life cycle costs  
Contextual understanding for military audio files

**WHEN**

**Contract Number:** N68335-21-C-0709 **Ending on:** Aug 31, 2023

Milestone	Risk Level	Measure of Success	Ending TRL	Date
Initial prototype demo	Medium	Sponsor Review	4	1st QTR FY23
Updated prototype demo	Medium	End User Review	5	3rd QTR FY23
Hardened prototype demo	Low	End User Evaluation and Review	5	1st QTR FY24
Validated prototype demo	Low	End User Provisional Acceptance	6	3rd QTR FY24

**HOW**

**Projected Business Model:** KBSI is currently pursuing a Software as a Service or SAAS business model for the ReVoice technology.

**Company Objectives:** KBSI's company objective is to make the ReVoice service available to the greater public as well as additional government entities who might have interest in audio to text conversion.

**Potential Commercial Applications:** Commercial aviation communication translation services  
Enhance commercial aviation training systems after action reports and documentation