



GUARDIAN AIRWAVES

Virtual Reality Simulation Training
for First Responders & Safety Standards

Loss of Life is Preventable™

Capability Statement

www.guardianairwaves.com

Guardian Airwaves designs, develops, and facilitates virtual reality and augmented reality interactive training modules for first responders and safety standards. We partner with SMEs to review and incorporate current and future operating standards of procedures that are required for firefighting, medical emergency responses, and hazardous workplaces to keep its workers safe.

Our core belief that along with property, loss of life is preventable. This can be accomplished through modern training technology provided by Guardian Airwaves.

Guardian Airwaves is WBENC & WOSB Certified. Partnered with UgCS Drone Flight Planning Educational program, Autodesk Developers Network and member of ACM.



Differentiators

- GA-IRB provides assurance of Industry Compliance Standards
- Over 15 years of content design and production in games, web, VFX for film
- Simple two-tier company structure for agile and scrum deliverables
- Cinematic quality
- Innovative in artificial intelligence and machine learning architect systems applications.
- Committed to ushering in XR computer vision and communication technology for training for public safety professionals and safety standards

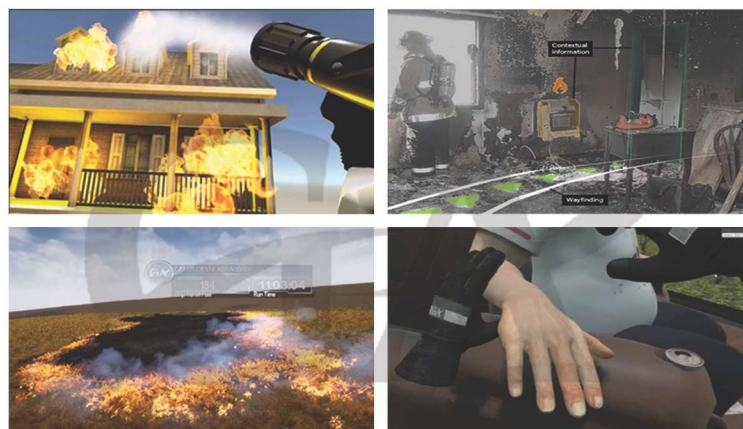
Past Performances

- 2018 PSCR-NIST Award for UI/UX HUD Navigation
- End-user testing with CAL FIRE -TGU, USFS, USFWS, and Glenn-Codora firefighters for virtual reality (VR) prototypes:
 - ✕ Fire vegetation control burn training
 - ✕ Emergency Medical Response Primary Assessment
 - ✕ Fire control room training & interaction with Siemens systems
- Multi-user tech demo platform
- *Pending Project:*
Augmented Visually Assistive Navigation System using MS Hololens, iOS & Android mobile devices, and in partnership with:



Core Competencies

- Collaborative development process with subject matter experts
- Feedback Loop Methodologies
- Heuristic evaluations with end-user beta participants
- Analytical evaluations through software computations
- Rapid prototyping of augmented and virtual reality concepts
- Use-case specific design and development
- Development of unique scalable solutions tailored to areas of fire suppression and prevention and investigations.
- XR integration & optimization with current public safety training curriculum.
- End user performance data reporting.



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Contact Information

Guardian Airwaves, LLC

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Work Area:
**Northern California
United States**

Socio-Economic Status:
**Minority
Asian Woman Owned Business**

NAISC & PSC Codes

NAISC Code	NAISC Title	NAISC Code	NAISC Title
511210	Software Publishers	541511	Custom Computer Programming Services
541430	Graphic Design Services	541420	Industrial Design Services
611420	Computer Training	541519	All Other Miscellaneous Schools & Instruction
922160	Fire Protection	8748	Other Computer Related Services
PSC Code	PSC Title	PSC Code	PSC Title
R429	Support - Professional: Emergency response, disaster planning, preparedness support	6910	Training Aids
U099	Other Education and Training Services	6930	Communication Training Devices