

VisionFrame Tactical: Augmented Warfighter Platform

Mission Objective:

To deliver the first fully hands-free, wearable AR system that replaces over seven legacy battlefield tools in a single lightweight, secure, and all-weather tactical headset. VisionFrame Tactical enhances combat efficiency, communication, and survivability across all branches of the U.S. Armed Forces.

Key Features:

1. Visual Dominance

- Real-time terrain manipulation: digitally remove trees, structures, and terrain obstructions for full threat exposure
- Auto-target highlight with friend/foe identification and tagging
- Gaze-activated zoom, AI-assisted object recognition, and sniper alert system
- Night vision, thermal overlays, and drone feed integration

2. Command Integration

- Live uplink to command center with zero-breach encryption
- Field view sharing for commanders and medics
- Blackout and stealth HUD modes for covert ops

3. Communication Reinvented

- Subvocal mic system: silent communication using throat muscle movement
- Bone conduction audio: non-verbal, private comms even under mask or helmet
- Eye-tracking and gaze-based pings for tactical responses and UI interaction

4. Medical & Squad Health Sync

- Live vitals for all teammates displayed in HUD
- Auto-triage detection and drone evac signaling
- HUD-based tagging of injured personnel and safe zones

5. AI-Augmented Awareness

- Dynamic overlay minimization to prevent FOV clutter
- Adaptive brightness, contrast, and data priority in high-stress situations
- Auto-mission briefing and tactical AI assistant with predictive suggestions

Why It Matters:

VisionFrame Tactical reduces soldier equipment loadout by replacing radios, binoculars, GPS tablets, scopes, night vision, targeting lasers, and more. It is designed to be compatible across Army, Navy, Air

VISIONFRAME TACTICAL BRIEF

Force, Marines, Coast Guard, and Space Force units.

Next Step Request:

Seeking pilot opportunities, defense agency collaboration, or executive-level review for field testing and integration.

Contact:

Stephen Kollman

IT Specialist | VisionFrame Tactical Developer

Stephen.Kollman.Pro@outlook.com

GitHub: <https://github.com/LokieJaxx/visionframe-ar-glasses>

GoFundMe: <https://gofund.me/f534b940>