brightline
A GLIMPSE GROUP COMPANY

GLOBAL INTEGRATORS IN SPATIAL AND IMMERSIVE PLATFORMS USING 5G, CLOUD, EDGE, & DEEP TECH

Capabilities Overview

Brightline provides technology that enables the integration of the physical and digital worlds. Specifically, we provide real time/multi-user cross platform no-code tools that enable global collaboration, persistent 3D content, and fully immersive simulations at scale. Our capabilities enable Joint Service interoperable solutions that break vendor lock.

Key Differentiators

Experience
- 20+ years of inventing and building immersive technology platforms across multiple countries and industry sectors.

Staff
- Over 200 engineers, software developers, 3D artists, and VR/AR/XR professionals

Areas of Expertise
- End-to-end VR/AR/XR software development
- Full motion vehicle simulation for VR
- Sensor and physical object integration with virtual worlds
- Application integration with 5G, networks, cloud, and edge

Strategic Value Add
- Enable interdisciplinary teams to collaborate remotely, at scale, in the architecture of immersive systems
- Provide the ability to architect and deploy end-to-end immersive solutions to enhance operations, maintenance, and training

Strategic Use Cases
- Ultra low latency hyperscalable simulation
- Dynamic training environments
- Digital twin systems
- Integration with AI / ML
- Joint Service interoperability solutions

Government Customers

FEMA · Department of the Air Force · Federal Aviation Administration · NASA · National Park Service · Department of the Army · NIH · National Guard

Current Programs
- USAF/AFWERX: Synthetic Data & Digital Twins for AI-Driven Robotic Training
- FAA: Virtual Reality Supporting Training, Operations & Maintenance
- NIH: Virtual Reality Therapy for Individuals in Opioid Recovery

Past Performance
- AT&T: The Virtual Layer - Persistent Augmented Reality Platform
- USAF/AFWERX: Performance Adaptive Virtual Engine (PAVE) Virtual Reality Simulation
- FEMA: Virtual Reality for Flood Risk Mitigation Simulation

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Company Data

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