VERAXX®
a By Light Company

Realistic Training.
Maximizing Mission Readiness.

REALISTIC TRAINING is essential to ensure flight skills become second nature for our nation's warfighters. Training systems must provide authentic and fully immersive experience that not only meets specifications, but also **enables pilots to effectively accomplish mission critical training tasks on the ground—so they are fully prepared to meet the challenges in the air.**

Veraxx creates high-fidelity solutions that enable pilots, aircrews, and instructors to **maximize mission readiness through integrated and networked multi-entity tactical training.** Veraxx solutions provide realism—delivered on desktop systems, fully-immersive cockpit trainers, and complete crew trainers with cabins—that ensures training scenarios and skills development are as close to actual flight conditions as possible, at substantially less cost and risk than flight time.

About Veraxx

Since 1999, our Veraxx systems engineering, hardware and software development, integration, and logistics teams have created high-fidelity, immersive, realistic solutions that generate advanced skills for military pilots, aircrews, and trainers.

Our knowledge of what works, combined with our collaborative approach of working closely with our customers, ensures your training solution meets the most stringent specifications, outperforms expectations — and **maximizes mission readiness**.

Veraxx Capabilities

Veraxx's core team of engineers and technologists develops and delivers high-fidelity, state-of-the-art military flight simulators and synthetic tactical training environments — on time and within budget.

We specialize in

SIMULATION AND TRAINING DEVICES
High-Fidelity Solutions

Flight time is crucial to developing pilots' skills, turning reactions into reflexes and ensuring the safety of the aircraft and all on-board. Veraxx simulation and training solutions include Part Task Trainers (PTTs), Deployable Mission Trainers (DMTs), Full Flight Simulators (FFSs) and Flight Training Devices (FTDs) deployed in buildings, or Veraxx's innovative Containerized Flight Training Devices (CFTDs), which require no buildings. All Veraxx's products enable mission essential training tasks to be completed realistically and highly effectively at a fraction of the cost of flight hours.

ISR TRAINING ENVIRONMENTS
Where Data and Training Combine

For a realistic and immersive training experience, pilots, aircrews, and mission personnel must be able to interact with multiple entities at the same time, within a shared environment. Using our HLA-compliant Tactical Environment Network (TEn), Veraxx provides fully immersive ISR training environments that integrate complex datasets — both classified and unclassified — and networked training systems built on high-fidelity simulations, enabling **networked training operations that effectively link platforms, sensors, and users together in high-fidelity mission environments.**

LARGE SCALE SYSTEMS ENGINEERING AND INTEGRATION
Comprehensive Engineered Solutions

Veraxx is highly experienced as a prime systems integrator and in all related engineering disciplines. We ensure that systems are designed to optimize capabilities for specified training requirements, including the ability to easily refresh technology, expand mission **training capabilities, and ensure training solutions are concurrent with evolving aircraft configurations.**

Experience the Veraxx difference
https://bylight.com/veraxx/

flightsims@bylight.com
+1 703-880-9000