



The Future of Training

USING INTEGRATED LIVE, VIRTUAL,
CONSTRUCTIVE SOLUTIONS TO AID READINESS

We design training solutions with the future in mind, to build a force that is ready to meet any challenge.

While the nature of battle may be enduring, the nature of warfare has changed. The United States is facing new enemies with new technology—all on a highly visible global stage that permeates the battlefield, creating new risks for America's warfighters along the way.

Merging Realities/Maximum Results

To succeed in this evolving environment, today's Armed Forces must train using the same scenarios, obstacles, and teamwork that they'll use on the field of battle, no matter how it changes. Basic, stand-alone classroom training is not enough. But training at scale has traditionally been expensive and involved extensive manual tuning. This new era requires a new approach.

Through live, virtual, and constructive (LVC) training, we can now connect live environments with virtual platforms and simulated (constructive) threats to prepare trainees via integrated, realworld scenarios before they're ever in harm's way. The result is a modern approach to U.S. military training that saves time, saves money, and saves lives.

Get Ready to Train Like You Fight

At HII, we provide LVC solutions to help U.S. Armed Forces execute large, integrated training exercises

without sacrificing tactical realism, whether they're preparing for battle or already deployed. Our solutions are designed to seamlessly evolve, even as the scope or battle space changes.

By combining vendor-agnostic tools with operational experience, our technologists create better environments and better outcomes. And, because we believe that artificial intelligence (AI) is a critical enabler to the future of training, we are investing in new approaches using machine learning to test and calibrate remote system elements and deep learning to automate content creation, build sophisticated AI adversaries, and tailor training to accelerate learning.

With our unrivaled global network and advanced simulation environment, we are making the future of training a reality at the point of need—whether that's today, tomorrow, or in the battles that will come.



HII.com

HII is a global, all-domain defense provider. HII's mission is to deliver the world's most powerful ships and all-domain solutions in service of the nation, creating the advantage for our customers to protect peace and freedom around the world. As the nation's largest military shipbuilder, and with a more than 135-year history of advancing U.S. national security, HII delivers critical capabilities extending from ships to unmanned systems, cyber, ISR, AI/ML and synthetic training. Headquartered in Virginia, HII's workforce is 43,000 strong. For more information, visit HII.com.
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HII'S LVC Training Solutions

As a trusted partner on the Navy's enterprise tactical training solution, we design, develop, and operate systems that help you train like you fight, because we understand that preparation requires full coordination—not readiness in piece parts. We apply our agile engineering methodology to every project, saving time and money for our clients, while delivering industry-leading LVC training solutions.

Navy Continuous Training Environment (NCTE)

The NCTE is an integrating architecture (networks, simulations, simulation routing equipment, data translation devices, training range, and C5I systems) that forms a distributed LVC training environment.

Live Training Range Systems

Continuing integration of Live training range ops, systems, tracking, EW threats, communications, scoring, and debriefing into one global LVC training enterprise.

Fleet Synthetic Training (FST) at Sea (FAS)

FAS capability enables ship participation in LVC events while underway for training and certification prior to deployment, as well as sustainment training and mission rehearsal while deployed. Scoring, and debriefing into one global LVC training enterprise.

Navy Enterprise Tactical Training Network (NETTN)

Consolidation and integration of multiple live training range networks and systems into the NETTN provides a global, LVC-ready network that supports tactical to operational level training & exercises.

LVC Above Secret Training Capability

Capability development of Above Secret networks, cross-domain solutions, simulation, and NCTE integration of 5th generation air and Information Warfare simulators and tactical end-user systems.



Modeling And Simulation

Our advanced simulation capabilities mean you can now train anywhere. By creating environments that mimic real-world situations, we provide an opportunity for warfighters to prepare in ways that would otherwise be difficult, dangerous, and expensive. Our secure, comprehensive solutions encompass software, hardware, and networks to bring together LVC assets in a fully-integrated, unified training battlespace.



Integrated Training Networks

Training must be more than a series of instructions; it must be a continual process of skills and knowledge development. With the largest integrated training network in the DoD, we bring together sophisticated tools and expertise to interconnect distributed and disparate training assets in varying degrees of interoperability. Our fully-networked solutions can be developed for PCs, tablets, smartphones, or whatever technology your mission requires.



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