

# VSD | Navy & Coast Guard Computer-based Training Solutions

## VSD's Corporate Capabilities at a Glance

- In-depth technical advice and analysis of manpower, personnel, and training issues
- State-of-the-art training systems based on immersive simulation and advanced technologies
- Tailored curriculum packages and certified instructor teams
- Training solutions operating in 14 countries in North America, Europe, Asia, and the Pacific

## VSD Ship Platform Experience



CARRIER



AMPHIBIOUS



CRUISER



DESTROYER



FRIGATE



CORVETTE



PATROL BOAT



LANDING CRAFT

## CBT Experience & Capabilities Highlights

In 2002, VSD built and delivered the very first commercially developed CBT Technical Course on the U.S. Navy's E-Learning platform.

Since then, VSD has retained a leading provider position, where today its CBT content is made available to more than 2,000,000 defense, homeland security, and civil servants worldwide every year.

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|-------------------------------------|------------------|
| Number of students using VSD's CBT: | 81,600 per annum |
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|   |          |
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| Number of students trained since inception: | 550,000+ |
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| Number of complete courses in VSD's CBT inventory: | 85 |
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| Number of run-time/curriculum hours: | 2,150 |
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| Number of learning objectives covered: | 2,850 |
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| Number of countries using a VSD CBT: | 14 plus NATO |
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### Major Areas of Expertise

- Combat Systems (communications, weapons, sensors)
- Engineering & Auxiliary (main propulsion, electrical, auxiliaries)
- Operations (navigation, ship handling, watchstanding, ancillary collateral duties)

## CBT Training Solutions

VSD develops stand-alone, Web-based, and SCORM-compliant Learning Management System (LMS) courses. We have a full complement of curriculum designers, technologists, chief instructors and subject matter experts (SME) to perform all phases of the military-standard instructional systems design (ISD) model known as "Analyze, Design, Develop, Implement, and Evaluate" (ADDIE).

To aid in the quick delivery of CBT projects, we have an extensive in-house multimedia capability. We can create state-of-the-art video, sound, animations, images, 3D models, Web content, and 3D environments. These can be used for various purposes such as training, presentation, and gaming.

When VSD's multimedia is fused with our proven ISD capabilities, the result is an outstanding training product that meets or exceeds our clients' learning requirements and measures the learner's retention of the curricula.

We provide our clients with solutions in the following defense and homeland security areas:

- National defense
- Coastal/border security
- Anti-piracy security
- Anti-terrorism security
- Disaster/emergency response
- Relief/recovery
- Commercial shipping protection
- Port facility protection
- Maritime resource protection

The VSD team is highly experienced in providing instructional systems design and training software development services for our clients.

## VSD | Navy & Coast Guard | Computer-based Training Solutions

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Our company's continued success is a result of our focus on client satisfaction, commitment to quality, and emphasis on cost-effective services and support. We maintain and comply with proven work procedures that detail all necessary steps and specify all documentation appropriate for accomplishing assigned tasks.

To support these efforts, we employ qualified personnel who utilize proven work procedures and quality control processes embedded in our development environment Vilo ensuring all projects complete within budget.

## SCORM-Compliant E-Learning (CBT) Library

VSD maintains a vast library of products that have been used by our clients to provide quality training and education opportunities to their workforce, including:

### • Engineering & Auxiliary

- 2K gallon-per-day High-Purity Reverse Osmosis Unit
- 5 gallon-per-minute Oily Water Separator Membrane Polishing System
- 12 gallon-per-day Reverse Osmosis Desalination Plant
- Advanced Engineering Control Station Local Area Network
- Advanced Maritime Refrigeration System Technician
- Auxiliary Propulsion System
- Colt-Pielstick 12PA6 B Ships Service Diesel Generator Control Unit
- DDG-91 through DDG-1000 Zonal Electrical Distribution System Plant Configuration
- Dry Filter Units
- Freshwater Treatment Systems
- Introduction to Maritime Refrigeration System Technician
- L-3 Communications Static Automatic Bus Transfer Switch Operation and Maintenance
- 12K gallon-per-day Reverse Osmosis Desalination Plant
- 6.8K gallon-per-day Reverse Osmosis Desalination Plant
- Reverse Osmosis Desalination Theory

- LM2500 Digital Fuel Control
- LM2500+ Gas Turbine Engine
- LSD 41/49 All Electric Conversion Overview
- MHC-51 Class Vacuum Collection, Holding and Transfer System
- Mixed Oxidant Electrolytic Disinfectant Generator
- Plastics Waste Processor Operation and Maintenance
- Naval Reverse Osmosis Theory
- Propulsion Load Management Unit Familiarization
- Reverse Osmosis Demineralizer
- Ships Service Diesel Lube Oil Polishing System
- Small Packaged Hermetic Unit Operation and Maintenance
- TeamTec GSA500CSW MKII Incinerator
- VEGAFLEX 67 Time Domain Reflectometer
- VEGAPULS 66 Radar Tank Level Indicator
- Diesel Oil Purifier Preventative Maintenance
- OSV Familiarization

### • Combat Systems

- SPA-25H Indicator Group Maintenance Training
- AN-SPQ-14(M) Advanced Sensor Distribution System Operation and Maintenance
- Merchant Marine Force Protection Level III

### • Chemical, Biological, and Radiological

- CBR and HAZMAT Identification, Protective Equipment and Measures
- Chemical and Biological Warfare Agent Detectors
- Chemical Warfare Direction Detector AN KAS-1 1A
- Improved Chemical Agent Point Detection System – Life Cycle Replacement
- Joint Biological Point Detection System
- CBR-D Indoctrination
- Naval Shipboard Collective Protection System
- Naval Shipboard Selective Area Collective Protection System
- Shore-Based Automatic Chemical Agent Detection System

### • Environmental and Hazardous Material

- HAZMINCEN Management
- LSD-41 Class Oil Spill Prevention Systems Level Training
- LSD-49 Class Oil Spill Prevention Systems Level Training
- Oil Spill Prevention
- Oil Spill Prevention Situational Awareness Apprentice
- Oil Spill Prevention Situational Awareness Journeyman
- Oil Spill Prevention Situational Awareness Master
- Shipboard Oil and Hazardous Material Spill Response Kits

### • Leadership, Management and Safety

- U.S. Marine Corps – Developing Leaders Course
- On-site Installation Program Manager
- Warehouse Safety



[www.vsdonline.com](http://www.vsdonline.com)

**North America, Europe, Middle East,  
Asia & Pacific**

For more information on VSD's capabilities, please contact us at any of the numbers listed below.

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The contents, descriptions, and information contained herein are subject to change without notice.