

Training

Training that Delivers When and Where it's Needed

VT Group has an international reputation for delivering smart training. We're used to meeting exacting requirements from our customers with one of our key training partnerships requiring us to train more than 10,000 military and civilian personnel every year.

We are a premier provider of training system design, development and maintenance, including, but not limited to, platform training, Interactive Multimedia Instruction (IMI), computer-based training (CBT), computer-aided Instruction (CAI), ground-based training equipment (GBTE), including simulators and desktop training devices, and training management information systems (TMIS). For more than 15 years, VT Group has developed aviation training courseware, classroom training, qualification and courseware training, multimedia computer-based instruction, simulation training, simulator scenario, proficiency training, training curriculum analysis and administrative and audio-visual support for the U.S. Army Program Executive Office for Aviation.

Our wide-ranging and highly diverse client base includes the U.S. Army, Navy and Congress, multiple defense and federal agencies, NATO, the United Nations and several state and local governments.

Training Media Analysis:

- Determine the best method to present the training, such as formal instructor-led or computer-based, self-paced instruction
- Identify optimal training media to enhance student subject matter cognition

Design and Development of Training Plans:

- Identify target audiences and their sizes
- Determine training courses and the required number of iterations
- Determine training locations (unit, institutional or contractor/vendor locations)
- Identify training resource requirements
- Conduct training analysis
- Perform cost comparison and analyses of training plans, methods and strategies

Courseware Design:

- Determine testing methods for evaluating training effectiveness
- Ensure sequential and progressive training
- Identify course structure
- Determine proper training sequences and course lengths
- Identify course graduation and certification requirements
- Analyze examinations and critiques to identify and correct courseware deficiencies



Training Devices and Simulators:

- Monitor the development and construction of training devices and simulators
- Develop detailed performance specifications
- Develop fault lists, acceptance plans, critical individual task lists and fidelity matrices
- Ensure training devices/simulators support the target audience and cover critical training tasks
- Research, write and provide information for technical support publications, special tools, Test Measurement and Diagnostic Equipment (TMDE) and training development efforts
- Ensure simulation modifications and software upgrades match fielded system
- Perform quality assurance inspections and physical configuration audits
- Conduct hands-on validation of associated technical data
- Conduct acceptance testing
- Perform training site and facilities surveys
- Ensure interoperability between training systems/simulators and fielded systems
- Multimedia instruction and computer-based instruction
- Perform software analysis related to production and development of Interactive Multimedia Instruction (IMI) and training
- Provide technical expertise for developing, designing and distributing IMI and other courseware directly to the field
- Provide analyses, market surveys and white papers and conduct fact finding missions
- Provide validation of multimedia training, such as interactive CD-ROM and Computer-aided Instruction (CAI)

Lifecycle Training:

- Determine if new training is required or if an off-the-shelf or non-training solution is appropriate
- Determine optimal training solutions to support target audience needs
- Identify critical training tasks
- Determine task performance requirements (i.e., action, condition and standard)

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