

Virtual Battlespace 3 (VBS<sup>®</sup>3) is a comprehensive desktop training package based on commercial video game technology. VBS<sup>®</sup>3 is used by defense and security organizations worldwide for tactical training, experimentation and mission rehearsal.

### At a Glance

VBS3 provides a virtual training environment for land, air and sea training and mission rehearsal applications. It combines a massive content library, scenario development tools, and after action review capability that immerses trainees in a high-fidelity virtual environment. VBS3 comes ready for immediate use. Simply load onto a PC and use the supplied tools and models to set up a scenario and start training.

Shaped and refined by over 15 years of customer feedback, VBS3 is the de facto standard in game-based military simulation and meets hundreds of training use cases. To allow further customization, BISim has a large, experienced internal development team available and the VBS Simulation SDK allows third party developers and sophisticated users to do their own customizations.

### Benefits

**Effective:** VBS3 presents cognitive training in a situational context, resulting in faster assimilation of content, increased retention, and integration of key training objectives.

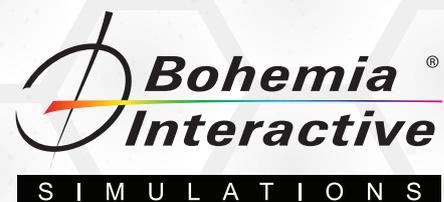
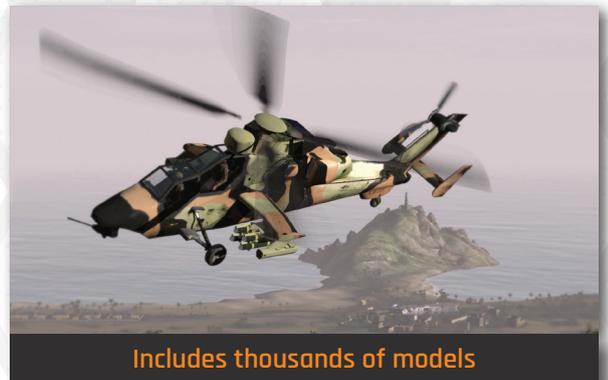
**Standards Based:** Interoperates with legacy simulations, protecting and extending existing investments in live, virtual and constructive training technologies and also new standards such as Open Source Virtual Reality (OSVR).

**Cost-Efficient:** With over 18,000 accurate models of military and civilian vehicles, weapons, and characters, VBS3 reduces development and deployment costs associated with deploying training solutions.

**Proven:** Hundreds of thousands of defense personnel in over 50 countries train on VBS3 every year, making VBS3 the most widely used simulation software among militaries.

**Trusted:** VBS3 has been fully vetted by Information Assurance experts and has received certificates of worthiness from U.S. Department of Defense organizations.

**Constant Enhancement:** Enhancements paid for by customers, new middleware integrations and significant internal investments drive continued performance, robustness and capability improvements in the VBS3 baseline.



## Features

- Over 18,000 models in the content library
- Terrain generation and modeling tools
- 2,000+ documented scripting commands
- Real-time and offline scenario creation and editing tools
- After Action Review (AAR) with timeline and editing capabilities
- An HLA/DIS/CIGI gateway for interoperability

### VBS Gateway (included with VBS3)

VBS Gateway is a user-friendly application included with VBS3 that allows for interoperability with external HLA/DIS networks and host computers that use the CIGI protocol. VBS Gateway features tools for editing entity states and enumerations, and for making live updates while scenarios are running.

### VBS3 Radio (included with VBS3)

VBS Radio enables voice communications between remote users participating in training exercises. It supports filtered voice playback for after action reviews and is DIS-enabled for networked exercises. VBS Radio offers user-friendly setup of global, side, group and direct speech communication channels. VBS Radio comes standard with VBS3. A Pro version with unlimited and customizable channels and distance-based degradation is available as an option.

### VBS3 Chalkboard (included with VBS3)

VBS Chalkboard provides a versatile mission planning and rehearsal capability for VBS3. With VBS Chalkboard, users can create annotations in the Offline Mission Editor and can link VBS3 to existing mission planning tools in use by NATO countries.

### VBS Simulation SDK (separate purchase required)

VBS Simulation SDK allows developers to customize and extend VBS3 by providing a framework and suite of tools. It includes a library of APIs and source code allowing developers to customize VBS3 and produce custom applications. In addition to providing a comprehensive set of APIs, the SDK includes VBS Control Editor for editing AI behaviors.

## Support

BISim offers support packages that entitle license holders to upgrades, essential support services, and access to the BISim Support Portal which provides knowledgebase articles, downloads, and access to our global network of customer support staff. We employ a large, experienced development and program management capability to support enterprise customers.

