



# FREE MAN

## COMBAT TRAINER

**VSS CAN DESIGN AND CREATE CUSTOM SOLUTIONS FOR ANY TRAINING REQUIREMENT**

### MAIN FEATURES

- True 6DOF large area tracking
- 8+ soldiers with 2 weapons each
- High definition VSS Low Profile HMDs for immersive training
- Any type of replica weaponry at any level of fidelity
- FreeMan wireless backpack - weighs under 5kg, up to 10 hours runtime
- Supports current and future high-spec COTS GPU and CPU
- VBS2 integration by the series founder, support for integration of other engines

Virtual Simulation Systems (VSS) presents the **FreeMan Combat Trainer**, a revolution in Man-wearable/ Dismountable Soldier training. With complete freedom of movement over a large area, FreeMan expands solo or team-based synthetic training to unprecedented levels.

FreeMan utilizes 6 Degree of Freedom tracking in combination with VSS TrackMan tracking management software to deliver a virtual reality environment that supports 8+ trainees with two items of tracked weaponry each (e.g. rifle and sidearm). Several FreeMan systems can also be linked for larger operations.

**VSS High Definition (1280 x 1024 resolution) Helmet Mounted Displays** deliver an immersive virtual environment to trainees, with low profile flip-up action for comfort and utility. Mount adapters can be created for most types of service helmet and rail, or one-size-fits all training helmets can be provided in the FreeMan kit.



FreeMan trainees are rendered completely untethered by wearing a FreeMan wireless backpack, containing a mixture of COTS and custom components for easy replacement and upgradability. There are no buttons to press to walk, duck or go prone - simply walk, duck or go prone naturally and your position's viewpoint will be realistically replicated within the virtual world.

FreeMan also supports use of NVG, Thermal and Scopes.

