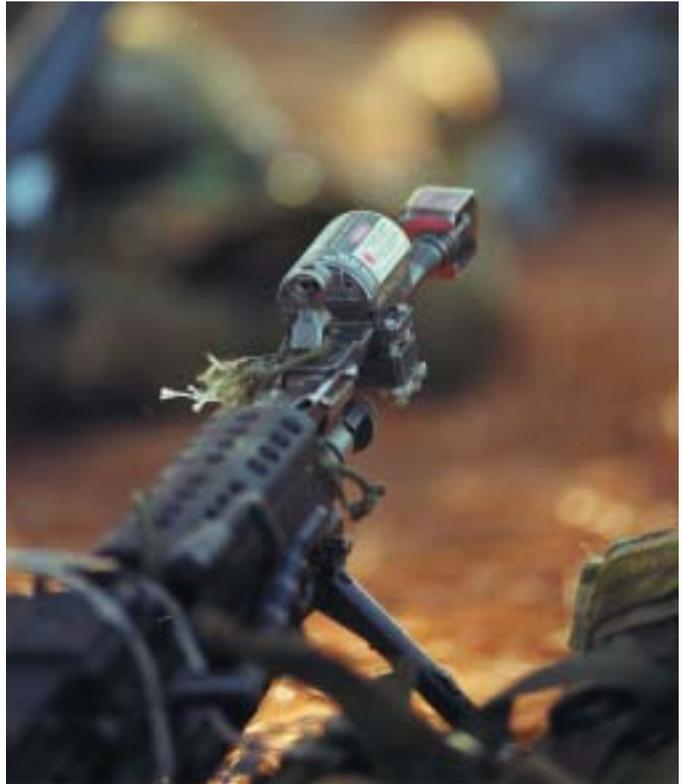


The Small Arms Transmitter (SAT) is the laser transmitter that is attached to rifles, light machine guns, and heavy machine guns. The SAT is attached to the weapon (usually to the barrel) with an adapter that is designed uniquely for that particular weapon. This adapter is key to the SAT's accuracy and alignment retention. The SAT is aligned to the weapon sights by using the MILES 2000 Automatic Small Arms Alignment Fixture and does not require the soldier to zero his weapon prior to training or to make any adjustments to his weapon. Once aligned, the SAT retains alignment for extended periods of time even under the harshest of training conditions.

The SAT is designed to accommodate both optical sights and night vision devices. Through communication with the Manworn Detection System, the SAT is programmed with the shooters Player ID Code which is then transmitted on the laser beam any time the SAT is fired. This also ensures that only 'live' soldiers can fire a weapon, thereby increasing the realism of the training exercise.





FEATURES:

- Accurately Replicates Weapon Performance
- Once Secured and Aligned Retains Alignment until Removed
- SAT Automatically Disabled if Player “Killed”
- Prevents Cheating by Requiring Both Flash and Bang to Trigger Laser
- Visible LED Indicates Firing
- Laser Focus and Power Maintained Over Temperature Within $\pm 20\%$
- Rapidly Aligned Using the Automatic Small Arms Alignment Fixture (ASAAF)
- Player ID Embedded in Laser Code Enhances After Action Reviews
- Backward Compatible with Existing MILES
- Dry Fire Mode Supports Maintenance and Alignment