The Sensor Video Recording System (SVRS), developed by Link Simulation & Training, provides recording and review of all instruments, sensors, video and audio produced by a trainer. Currently being incorporated on major fixed and rotary wing programs, the SVRS uses state-of-the-art industry standard video compression technology to support audio and video recording, playback and distribution.

**SVRS Advantages:**

- Simultaneous video and audio record, monitor and playback
- Integrates multiple simulators in a scalable multi-channel training environment
- Long distance real-time monitoring and debrief to multiple locations
- Enhances exercise training value with more effective monitoring and debrief

Commercial-off-the-shelf (COTS) hardware and Link proprietary software combine to form a system that delivers streaming video and audio from any trainer to any brief/debrief or monitoring system on demand.
Sensor Video Recording System

To enhance training effectiveness, the SVRS has been optimized to provide accelerated and slow-motion playback without degradation of video quality.

As simulation evolves from single cockpit trainers to integrated multiple cockpit configurations, the need to provide real-time exercise monitoring and debrief capabilities becomes critical to a complete training environment. The SVRS exploits the current state-of-the-art in video compression and storage to solve problems related to monitoring ongoing training activities in real-time and simultaneously providing playback capabilities for debrief. The SVRS is a proven technology currently in use on the AVCATT-A helicopter training system and F/A-22 Pilot Training Device program.

**Product Features**

- Synchronized/simultaneous multi-channel
  - Record and live monitor
  - Playback: speed control 1/4 to 10x
    - Instant random access
- Multi-session recording
- Upgradable with evolving compression technologies
- Standard network infrastructure
  - 100/1000bT
  - Local and long haul connectivity
- Simplified remote communications and protocol
- COTS hardware/Link software
- Adaptable architecture to suit distributed training requirements
- Integrated video solution linking non-homogeneous simulation systems

**Product Successes**

U.S. Army AVCATT-A program

- 18 video sources
- 12 simultaneous displays supporting After Action Review (AAR) and Battle Master Control (BMC)
- Simultaneous recording and monitoring while debriefing previous exercises
- Over 288 hours of high quality digital video instantly available

U.S. Air Force F/A-22 Data Transfer Mass Memory Video Recorder (DMVR) simulation

- 9 video and 1 audio channel per simulator
- Secure system
- Multi-ship debrief capability
- Real-time multi-channel software debrief system