



---

**Precision Digital Video Audio System  
for U.S. Air Force F-15/ F-16 Flight Simulators**

---

**The Background:**

Lockheed Martin is the largest defense contractor in United States. They needed a Digital Video Audio System (DVAS) for the development for their flight simulator system for U.S. Air Force F-16 Mission Training Center program.

**The Challenge:**

Maximize the quality of after action reviews used in training F-15 and F-16 crews by accurately recording and reproducing the simulated flying of multiple ships with the highest precision in timing synchronization.

**The InfoValue Solution:**

With InfoValue SimulcastTV™ After Action Review (AAR) solution, the content of the critical instrumentation and cameras in the cockpits, captured and encoded into DVD-quality videos, are broadcast in real-time for live monitoring and simultaneously recorded for interactive, on-demand playback during after action reviews. The playback of multiple videos that take place at the same time are guaranteed to be precisely synchronized, within a split of a second timing skew between any two videos.

InfoValue SimulcastTV™, the first DVD-quality DVAS system in the world, features QuickVideo servers, InfoValue's award winning and performance leading streaming platform, and a comprehensive set of highly precision control mechanisms tailored specifically for flight simulators systems.

**The Epilogue:**

Since 2000 Lockheed Martin has been incorporating the InfoValue SimulcastTV™ AAR Solution in their delivery of F-16 and F-15 flight simulation systems to U.S. Air Force bases worldwide.