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### Linking Advanced Distributed Simulations with Flight Testing

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**Abstract:** The test and evaluation community is relatively new to Advanced Distributed Simulation Technology (ADS). Each facility participating in the JADS program has [Email This Abstract](#)

independently developed a method for testing specific aspects of various **weapons** systems. The MISILAB, which organizationally is part of the OWEF, but is located in a separate facility, has supported AMRAAM simulations and characterizations over the past decade. The CCF has supported real-time mission control, and monitoring functions providing pre and post-flight analysis in the DOD community for the past 40 years. The PRIMES Test Facility has been involved in the ground testing of munitions systems, Electronic Warfare (EW), and **Electromagnetic** Interference (EMI)/**Electromagnetic** Compatibility Testing (EMC) for the past 17 years. The challenge was to develop a network architecture which would interface to the legacy systems in each test facility in a real-time distributed environment.

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