

Navy Standardized After-action Review Framework Integration (NSTAR-X)



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Virtual, Constructive (LVC), Fleet
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Review (AAR)

THE CHALLENGE

Rapid and actionable After-Action Reviews (AAR) technologies and methodologies for use in FST and LVC training events.

THE INNOVATION

Development of a methodology that allows for quantitative and qualitative assessments of unit performance. The assessment is based on relationships among disparate data sources, event objectives, scenario context, and doctrinal standards. NSTAR-X connects unit-level performance subtasks with NMETs or NTAs in the context of a mission set and the Find, Fix, Track, Target, Engage, Assess (F2T2EA) kill-chain. It also provides programmers with the Trigger Library which is a catalog of events and context that create the conditions for measuring subtasks.

THE NAVY BENEFIT

An integrated database that collects performance data for rapid post exercise after-action review generation and would include metrics and after-action review (AAR) capabilities to support integrated Live, Virtual, and Constructive (LVC) training exercises. Fleet users and support staff will also be able to access contributions via JAAR (N72 Training Plans/Resources, US Fleet Forces) and NGTS ART (PMA-205 and OPNAV N98).

THE FUTURE

Development of a standalone database that informs developer efforts and produces desired AAR reports for the end-user. Expand the process to implement the qualitative and quantitative measures into additional Navy-supported after-action review capabilities including Joint After-Action Review (JAAR) and Data Collection and Debrief (DCD). Primary interest is in supporting the application of NSTAR-X methodology to Carrier Strike Group (CSG) integration, including training environments such as the Joint Simulation Environment (JSE), Joint FST (FST-J), and Composite Training Unit Exercise (COMPTUEX). This growth will provide an AAR standard with metrics that support Live, Virtual, Constructive (LVC) event debrief and trend analysis in alignment with Technical Candidates such as Distributed Open Ocean Mission Rehearsal (DOOMR) and Risk Effectiveness Assessment for Distributed Environments (READ-E).

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