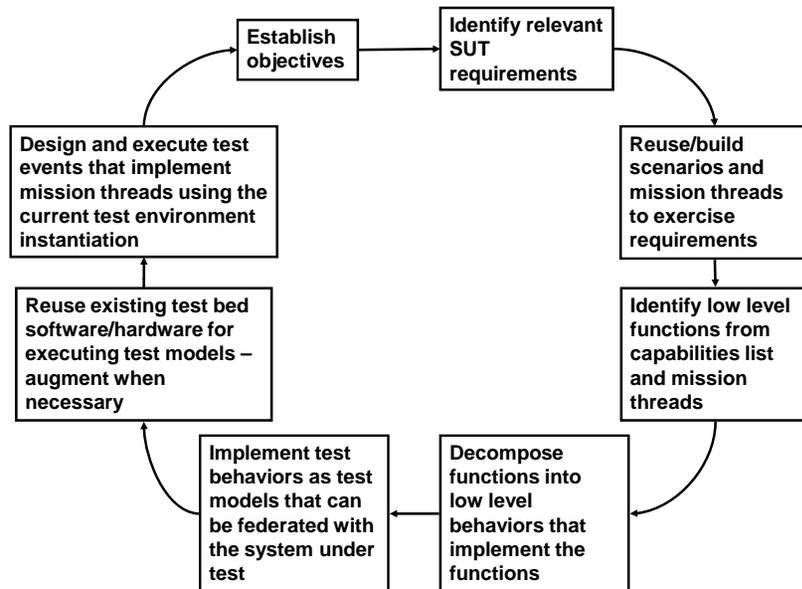


Model-based Testing of Command & Control Systems

Modeling & Simulation Group

System specific & individual event planning cycle



Problem Statement:

A modern command & control system interacts with large numbers of data sources & other C2 subsystems. Meaningful certification of these systems with manual test procedures is infeasible; automation is necessary to effectively & independently evaluate C2 systems prior to deployment.

Technical Approach:

MSG, the Arizona Center for Integrative Modeling & Simulation, and RTSync are working to develop methodologies & support tools that will help the Joint Interoperability Test Command automate & modernize their testing, evaluation, & certification processes.

Benefit:

The technologies that MSG is developing will bring the benefits of simulation based testing to the Joint Interoperability Test Command, thereby allowing them to improve throughput, thoroughness, & quality.

Simulation based test beds

