

MILITARY KEYNOTE ADDRESS

THE NEXUS OF SIMULATION WITH COMMAND AND CONTROL: WHAT EACH COMMUNITY CAN OFFER THE OTHER

W.H. (Dell) Lunceford, Jr.

Army Model and Simulation Office
1111 Jefferson Davis Highway
Crystal Gateway North, Suite 503
Arlington, VA 22202, U.S.A.



ABSTRACT

Along with the expansion of core simulation technology over the past few years there has also been an expansion in both the number of people in non-simulation oriented communities that are “simulation aware” and the ability of this technology to support new fields of endeavor beyond the well recognized ones of training and requirements analysis. During this same period, the command and control world has been exploring ways to address functionality requirements—such as automated decision support—for

their next generation systems. The situation we are in now is that both communities have people, technology and innovation that can be shared with the other. Unfortunately, the cultural phenomenon of organizational stovepiping, combined with the fact that—especially within the command and control world—the operational requirements are not well understood, has made it difficult to merge the simulation and command and control communities.

The purpose of this talk is to address how each community could help the other achieve their respective next-generation operational goals with the hope of starting a common dialog that will allow cross-fertilization of ideas.

AUTHOR BIOGRAPHY

W.H. (DELL) LUNCEFORD has been with the U.S. Government for 25 years, during which he has been assigned to program management, engineering and R&D projects for some of the Department of Defense’s largest simulation-based programs. He is currently the Technical Director for the Army Model and Simulation Office (AMSO), which is responsible for shaping and guiding the Army’s use of simulation technology. Mr. Lunceford came to this position after serving as the Defense Advanced Research Projects Agency’s (DARPA) Program Manager for Advanced Simulation Technology and prior to that was both the Technical Director for DARPA’s Synthetic Theater of War program which focused on the use of distributed simulation for very large scale theater-level training exercises and was the Chief Engineer for the Army’s next-generation combined arms distributed training system. Mr. Lunceford is a graduate of Florida Technological University and although residing in the Northern Virginia area is actually employed by the Army’s Simulation, Instrumentation and Training Command (STRICOM) located in Orlando, Florida.