

The U.S. Department of Defense Selects NETWARS for DICE Simulations

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The Department of Defense (DoD) Interoperability Communications Exercise (DICE) is a major initiative to assess and certify the interoperability of defense communication systems and equipment. The initiative also provides an excellent forum for testing emerging DoD technologies, allied communications initiatives, and realistic joint military communications training.

NETWARS, the de-facto standard for military communication systems modeling, is used to model and analyze the real-world networks that currently support various ongoing US operations globally.

Each participating organization in the DICE forum used NETWARS to construct exercise topologies of their network segment. The NETWARS environment enabled efficient collaboration during the iterative network design process among the geographically-dispersed users. The resulting network model was valuable in the pre-exercise validation process, to demonstrate that there was adequate network capacity to handle the expected load.

“We rapidly built a representation of the DICE ‘06 architecture in NETWARS to analyze ‘what if’ scenarios and adjust the network architecture accordingly. NETWARS empowers us to predict the impact of network changes in the most expeditious way.”

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