



# 25<sup>th</sup> Annual Test & Evaluation National Conference

Session D

Resources, Instrumentation, and  
Targets Summary

# Brief #1

## TENA

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- Test & Training Enabling Architecture (TENA) provides a standardized software interface for interfacing range instrumentation data outputs.
- Version 6.0 is scheduled for release soon.
  - Many new improvements
  - New middleware capability
  - Metamodel and model improvements
  - New event management
  - Usability Improvements

# Brief #1

## TENA (cont...)

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- InterTEC – New CTEIP program to develop more tools for Joint Mission Environment Test Capability (JMETC).
- Interface Verification Tool
  - Used to verify and validate the new tools being developed for use with TENA and JMETC.

# Brief #2

## JMETC

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- Joint Mission Environment Test Capability
- New means for linking distributed facilities
  - TENA is a part of JMETC
  - Allow joint mission environment testing

# Brief #3

## Evolving Threats – How They Impact T&E Testing & Infrastructure

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- Outlined a study conducted by AFFTC's 412<sup>th</sup> Electronic Warfare Group.
  - Focused on new Evolving Threats and existing threats and how they may potentially impact T&E infrastructure and test capabilities.
  - Also looked at the potential impact to T&E facility security, disaster preparedness.
- Appeared to cover quite a bit of what DTRMC listed as focus areas for their strategic plan for T&E MRTFB ranges.
  - Directed Energy
  - Chem/Bio
  - Nuclear EMP Effects
  - IED and counter IED

# Brief #4

## Threat/Target Simulation for Live Fire

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- Provided a comprehensive overview of NAWCWD's threat and target simulation capabilities
  - Types of targets available
    - Land/Air/Sea
  - Types of threat simulators (systems) available
    - Land/Air/Sea
      - Mockups (visual only)
      - Mockups (visual) with real RF emitters.
      - RF emitters only