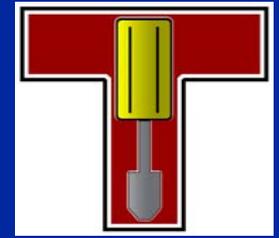




Turbo Tool



Navy Modeling and Simulation Management Office (NAVMSMO)

Verification, Validation & Accreditation (VV&A)

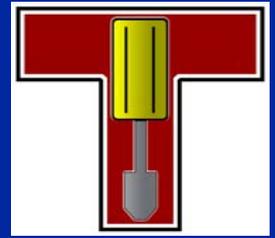
Technical Working Group #10

Presented by
SPAWAR Systems Center-Charleston

Excellence Through Teamwork



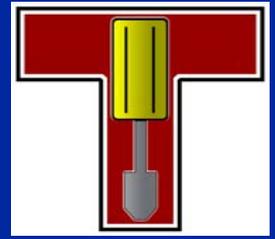
Agenda



- **Description**
- **Turbo Tool Concept**
- **Current Features**
- **Future Enhancements**
- **Joint VV&A Efforts**
- **Benefits**
- **Demo**



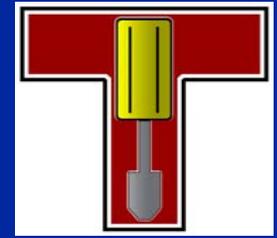
Description



*Turbo Tool is intended to automate,
to the extent possible,
the creation of all Navy modeling and simulation (M&S)
verification, validation and accreditation (VV&A)
documents.*

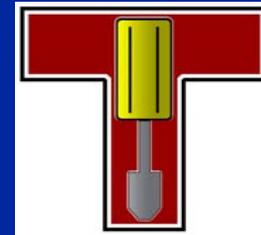


Current Features



- Turbo Tool functionality includes:
 - Queries the user for information required to produce Navy VV&A documents.
 - User friendly front end
 - Follows the Navy VV&A Handbook process.
 - Beta Release includes a VV&A example using NETWARS Promina Device Model with Help system.
 - Generates the following documents in Microsoft Word format:
 - Accreditation Plan
 - Verification / Validation Plan
 - Validation Report
 - Accreditation Package
 - Accreditation Report
 - Accreditation Decision Letter

Future Enhancements



Current Turbo Tool 1.0

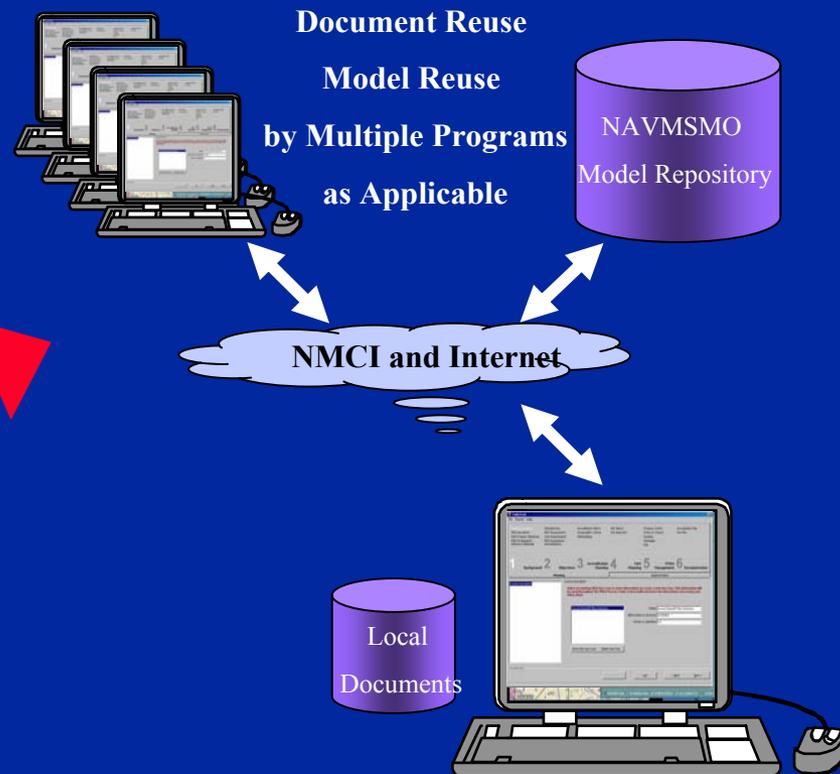


Next Release Turbo Tool 2.0

- Risk Assessment and Funding
- Embed and View Diagrams
 - XML Based
- Investigate Posting Data to Repository



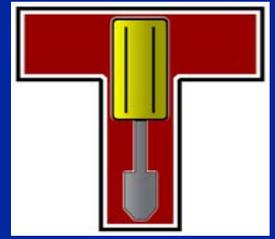
Future Release Turbo Tool



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Joint VV&A Efforts



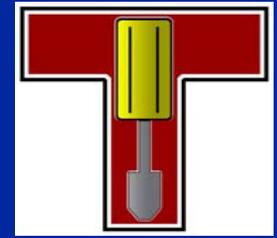
- DMSO interested in Turbo Tool as a DoD VV&A documentation support tool.

- Turbo Tool demonstration scheduled for next DMSO VV&A TWG

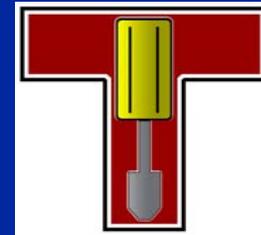
- Army and Navy looking to share resources:
 - Cost Module
 - Documentation support
 - Assessment tool to assess the strength of evidence to support the model as part of International Test and Operations Performance (ITOP)



Benefits



- Automated
- Organized
- Easy to use
- Prints reports in MS Word
- Promotes Model and Simulation reuse
- Supports the Navy VV&A Handbook



Turbo Tool DEMO

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