



31st Annual NDIA Symposium

“The Future of T&E: Maintaining the Defense Technology Edge”

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DASD(DT&E)

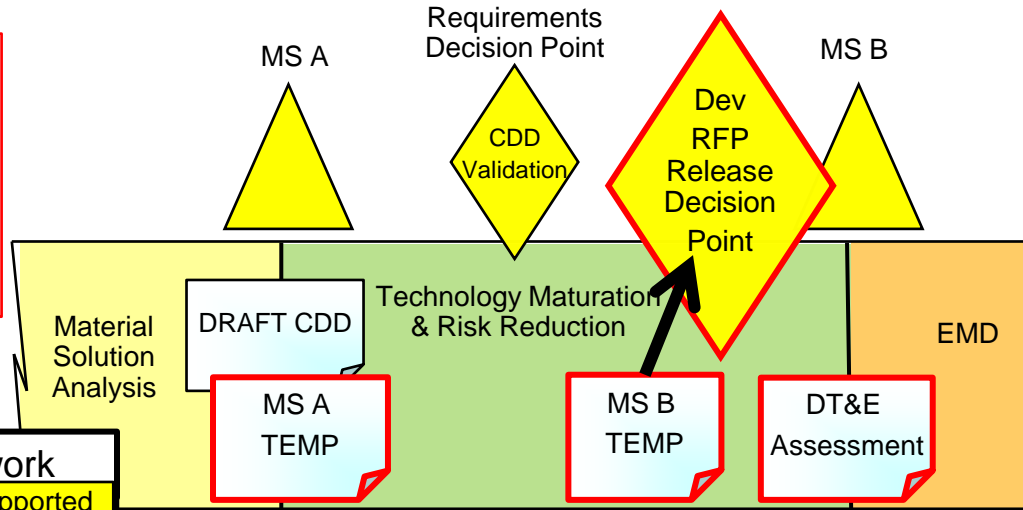
Director, Test Resource Management Center
Waterford at Springfield
March 3, 2015



T&E Planning Initiatives

Developmental Evaluation Framework

What knowledge is needed
When is it needed
How do we get it



Developmental Evaluation Framework						
		Decisions Supported				
Developmental Evaluation Objectives	System Requirements and T&E Measures		Decision #1		Decision #2	
			DSQ #1	DSQ #2	DSQ #3	DSQ #4
Functional evaluation areas	Technical Reqs	Document Reference	Description			
System capability categories	Description		Identify major decision points for which testing and evaluation phases, activity and evaluation cells contain description of data source to be used for evaluation information, for example: 1) Test event or phase (e.g. CDT1...) 2) M&S event or scenario 3) Description of data needed to support decision 4) Other logical data source description			
Performance						
Performance Capability #1	3.xx.5		M&S#1	M&S#2		
	3.xx.6				DT#3	
Performance Capability #2	3.xx.7	Technical Measure #3			DT#3	
	3.xx.8	Technical Measure #4			M&S#4	
Interoperability						
Interoperability Capability #4	3.xx.4	Technical Measure #4	IT#2		DT#3	
Cybersecurity						
SW/System Assurance	PPP 3.xx	SW Assurance Measure #1			SW Dev Assess	SW Dev Assess
RMF		RMF Control Measure #1	Cont Assess		Cont Assess	Cont Assess
Vulnerability Assess		Vul Assess Measure #1			Blue Team	
Interop/Exploitable Vuln.		Vul Assess Measure #2			Red Team	
Reliability						
Reliability Cap #1	4.xx.1	Technical Measure #11		M-demo#1		
	4.xx.2	Technical Measure #12		M-demo#1		
	4.xx.3	Technical Measure #13			M-demo#2	
Reliability Cap #2	4.xx.4	Technical Measure #14			M-demo#2	

A foundation of Shift Left is the Developmental Evaluation Framework





T&E Gov't – Industry Relationship



- **Forum was requested by OEMs during TRMC Infrastructure Study**
- **Defense Industry Forum (DIF) in process now**
- **Future of the DIF**



Thank You

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Qualified Chief Developmental Testers



- Addison, Christopher
- Ahmed, Latheef
- Christiansen, Todd
- Coil, Johnston
- Contratto, Michael
- Deckert, James
- Jones, Daniel
- Lanphere, Craig
- McGrady, Karen
- Morgenstern, Shawn
- Mullen, Wil
- Rathgeber, David
- Said, Michael
- Svendsen, Keith
- Swauger, Ernest
- Vitali, Juan
- White, Charles