

Practical Software and Systems Measurement

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A foundation for objective project management



***PSM Additional
Implementation Guidance
Workshop
PSM Users Group Conference***

***Department of Defense
U.S. Army***

Practical Software and Systems Measurement

Workshop Title

- ***PSM Additional Implementation Guidance***
- ***Workshop Facilitator***
 - ***Tom Majewski, Distributive Software***
 - ***Tom@distributed.com***

Objectives of the Workshop

- ***Share PSM experience and knowledge***
 - ***Implementation of a measurement process***
- ***Review/Discuss***
 - ***PSM Guide Comments Pt 6: Implementation***
 - ***Distributive Software 3-Phase Implementation Plan***
 - ***Participant Implementation-related Questions and Problems***

Workshop Format

- ***Agenda - Review/Discuss***
 - ***PSM Guide Comments Pt 6: Implementation***
 - ***Distributive Software 3-Phase Implementation Plan***
 - ***Participant Implementation-related Questions and Problems***
- ***Techniques that will be used***
 - ***Knowledge Management***
 - ***Enterprise Resource Planning***

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Workshop Background

- ***PSM history in this area***
- ***Industry/Government history in this area***
- ***Where we're heading***
- ***Issues, questions, and topics***
 - ***Answers***
 - ***Effective solutions***
 - ***Results***

Focus on what we can do now

Intended Output

- ***White Paper***
 - ***Measurement Process Implementation***
 - ***Best Practices and Lessons Learned***
- ***PSM Implementation Plan***
 - ***Template***
 - ***Guidance***

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Workshop Participants

- ***Margaret Adcock, USN Acq. Reform***
- ***Wael Amin, IT Worx***
- ***Tom Davis, HQ USAF Air Mobility Cmd.***
- ***David Magidson, TACOM/ARDEC***
- ***Andre Marcotte, Lockheed Martin Canada***
- ***Kevin Richards, USAF/STSC***
- ***Aaron Silver, Raytheon***

Restatement of Objectives

- ***Share PSM experience and knowledge***
 - ***Implementation of a measurement process***
- ***Review/Discuss***
 - ***PSM Guide Comments Pt 6: Implementation***
 - ***Distributive Software 3-Phase Implementation Plan***
 - ***Participant Implementation-related Questions and Problems***

Summary

- ***Overview of 3-Phase Implementation Approach***
- ***Integrated Master Schedule***
 - ***Plan of Action and Milestones***
 - ***Phase (1,2,3) Definition & Tasks***
 - ***Work Products and Reviews***
- ***Enterprise Integration***
 - ***Enterprise Architecture***

Conclusions, Recommendations, and Results

- ***Valuable Complement to PSM Knowledge gained at Conference***
- ***Consensus that Implementation Planning is Integral to Overall Measurement Process Planning***
- ***3-phase Approach***
 - ***Consistent with Other PSM Experiences***
 - ***Possible Subset of Measurement Planning Template Under Consideration***

Next Steps/Action Items

- ***Tom Majewski submit Implementation White Paper to PSM for Consideration***
- ***NLT 30 SEPT 01***



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Backup Slides

Enterprise Architecture

- ***Operational Architecture (OA)*** is the total aggregation of missions, functions, tasks, information requirements, and business rules
- ***Technical Architecture*** is the “building codes” upon which systems are based
- ***Systems Architecture*** is the physical implementation of the OA, the layout and relationship of systems and communications