

Practical Software and Systems Measurement

A foundation for objective project management



**Practical Software
Assurance and Security
Measurement**

July 17th, 2008

Joe Jarzombek & Nadya Bartol

PSM Users Group Conference

14-18 July 2008

Mystic, Connecticut

Workshop Participants

- **Joe Jarzombek (DHS-NCSD)**
- **John Murdoch (University of York)**
- **Jim McCurley (SEI)**
- **Carlos Shaeffers (DCMA)**
- **Tom Conrad (Navy)**
- **Denis Ahern (Northrop Grumman)**
- **Dan Ferens (DACCS)**
- **Mike Denny (DAU)**
- **Nadya Bartol (Booz Allen Hamilton)**

Summary

- Reviewed Draft V.91 ***Practical Measurement Framework for Software Assurance and Information Security***
 - Harmonized with PSM, CMMI, NIST SP 800-55, and ISO/IEC 27004
 - Provides example information needs and measures
 - Supports CMMI Assurance Focus Area and ISO/IEC 15026, ***System and Software Assurance***
- Incorporated substantive recommendations from participants

Conclusions, Recommendations, and Results

- ***Recommend the document to revised and published by PSM and DHS SwA Measurement WG***
- ***Continued collaboration between PSM and DHS SwA Program to develop more detailed SwA measurement products***

Next Steps/Action Items

- ***SwA Measurement WG Review July 22***
- ***Continued inputs from PSM welcome by July 25th***
- ***Update draft before the end of July based on comments from PSM and SwA***
- ***Publish draft Version .92 for PSM and SwA community comment due back by September 2***
- ***Work with PSM to ensure PSM and SwA documents are mutually referenced***
- ***Publish Version 1 in time for SwA Forum October 15***