

***Practical Software Measurement***

# ***Practical Software Measurement***

***A foundation for objective project management***



***PSM Users' Group  
Conference  
Vail, Colorado***

***July 19 - 23, 1999***



***Practical Software Measurement***

***Enhanced Communication  
Through Measurement***

***Practical Software Measurement***

# ***1999 PSM Users' Group Conference***

***Sponsored by the PSM Support Center  
and the International Council on  
Systems Engineering***

***in cooperation with ASQ Software  
Division***





***Practical Software Measurement***

***Conference Welcome  
and Introductions***

## ***Practical Software Measurement***

# ***Objectives***

- ***Conference Participants***
  - ***User perspectives - share lessons learned***
  - ***Review of PSM 4.x***
  - ***New products (Insight 3.0, CBT)***
  - ***Information on related initiatives***
- ***PSM Project Expectations***
  - ***Review of PSM 4.x - Technical Inputs***
  - ***Future directions***
  - ***Interaction with users - experiences using PSM***

## ***Practical Software Measurement***

# ***Logistics***

- ***Meals***
  - ***Continental Breakfast Daily***
  - ***Lunch - Tues/Thur - Bridger A***
  - ***Dinner - Tues - Bridger A***
    - ***6:30pm - Cash Bar***
    - ***7:00pm - Dinner***
- ***Registration/Logistics***
  - ***East Passage Alcove***
  - ***Executive Board Room***

## ***Practical Software Measurement***

### ***Logistics***

- ***Dress - Summer Casual***
- ***Messages***
  - ***970-476-5000 - ask for PSM Conference***
- ***Group Picture***
  - ***Wednesday morning - wear shirts***

## ***Practical Software Measurement***

# ***PSM Version 4.x - Rationale***

- ***Incorporate Systems Engineering Guidance***
- ***Incorporate Product Engineering Guidance***
- ***Reduce Redundancies***
- ***Harmonization with ISO/IEC Standards - 15939, 12207, 15288, 15504***
- ***Modify Terminology for a Wider Audience***
- ***Emphasize All User Perspectives***



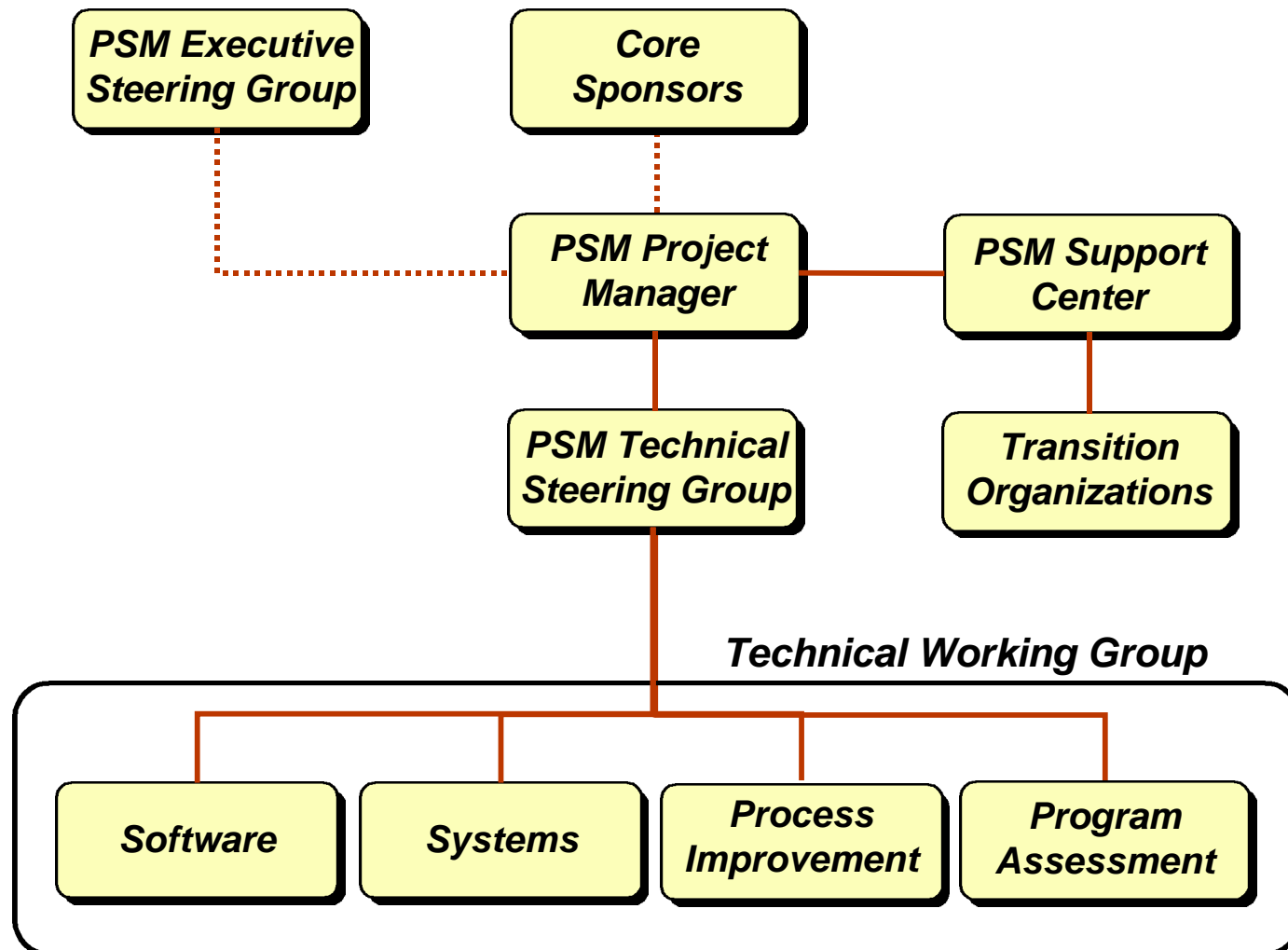
## ***Practical Software Measurement***

# ***PSM Version 4.x - Key Changes***

- ***Enhanced the Process Measurement - Added Evaluation***
- ***New Issue - Category - Measure Table***
- ***Additional Indicators***
- ***Vocabulary Changes***
- ***Graphics Updated***
- ***New Commercial, Systems Engineering Case Study***
- ***Overall Update and Revision***

# *Practical Software Measurement*

## *PSM Organization Structure*



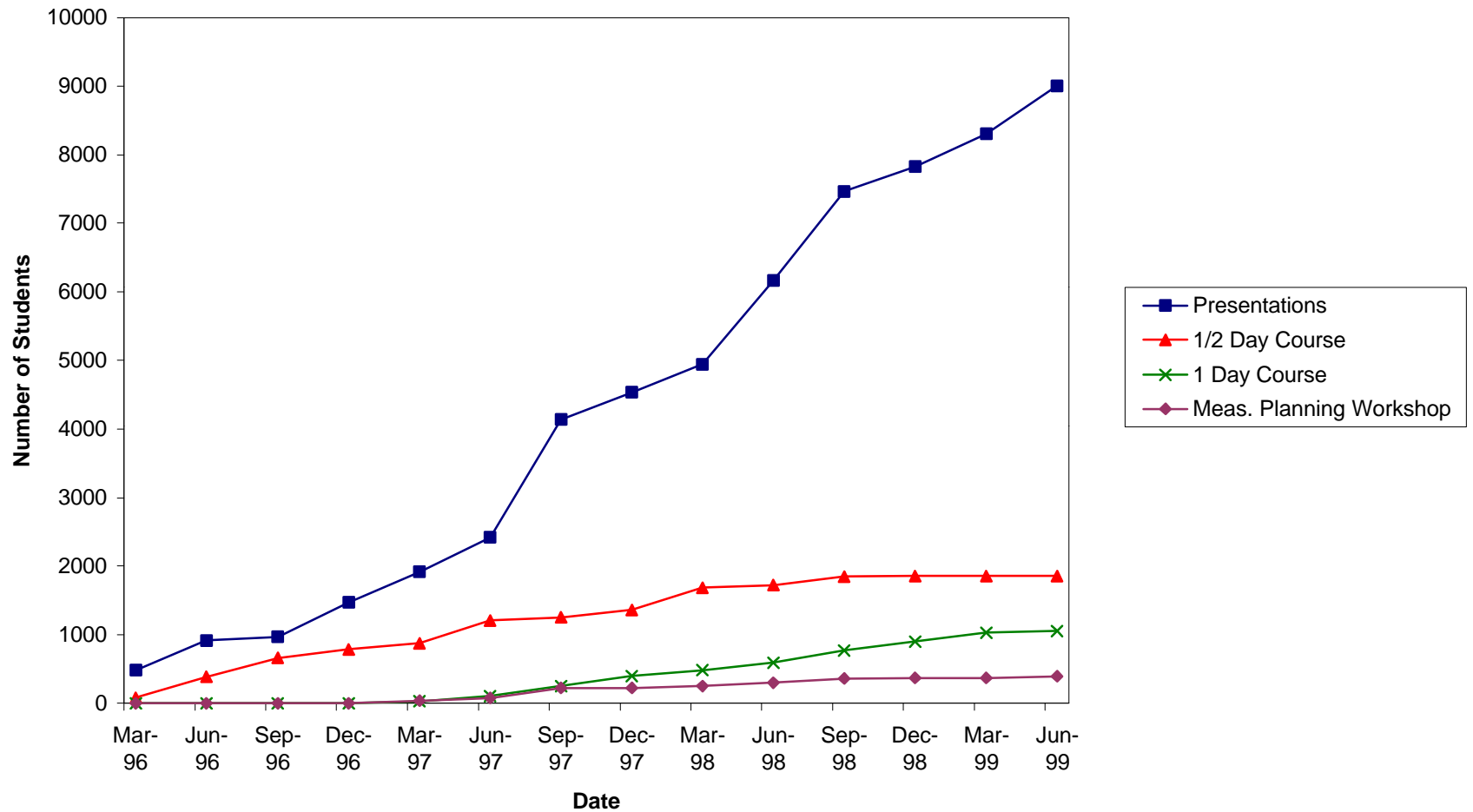
## ***Practical Software Measurement***

# ***Accomplishments This Year***

- ***Congressional Recognition of the Need for Measurement Across Software-Intensive Programs***
- ***PSM Systems Engineering, Product Engineering, and Software Technical Groups Are Integrated Into a Single Team***
- ***Solid Group of PSM Transition Organizations***
- ***Insight Has Matured Into a Production Quality Measurement Tool***
- ***PSM Recognized as a Primary DoD Software Initiative***

# Practical Software Measurement

## PSM Performance Management (Cumulative as of Jun 99)



# Practical Software Measurement

## PSM Web Site Downloads (Cumulative as of Jun 99)

