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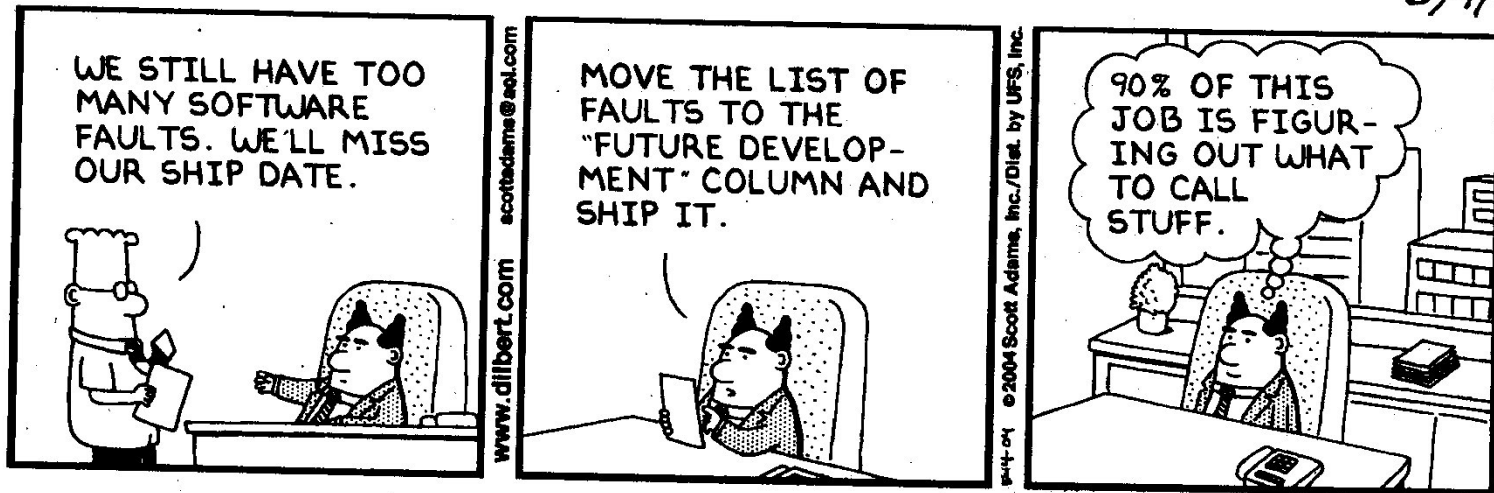
# 2d National Software Summit (NSS2)

Introduction and Overview

Dr. Alan B. Salisbury

# Why Are We Here?

**DILBERT** By SCOTT ADAMS



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# NSS2 Theme:

“Software:  
The Critical Infrastructure *Within*  
the Critical Infrastructures!”



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# Historical Perspective

- 1940's: First (Military) Computers
- 1970's: DoD First Attacks the Software "Problem"
- 1980's: \$30B Software "Crisis"  
DoD Creates SEI
- 2000's: The "Crisis" Continues...



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# Additional Perspective

- We have made GREAT progress in technology and process. *BUT...*
- The *Pervasiveness* and *Complexity* of Software have Outrun that Progress! *AND...*
- Software Engineering is Still an *Immature* Discipline!



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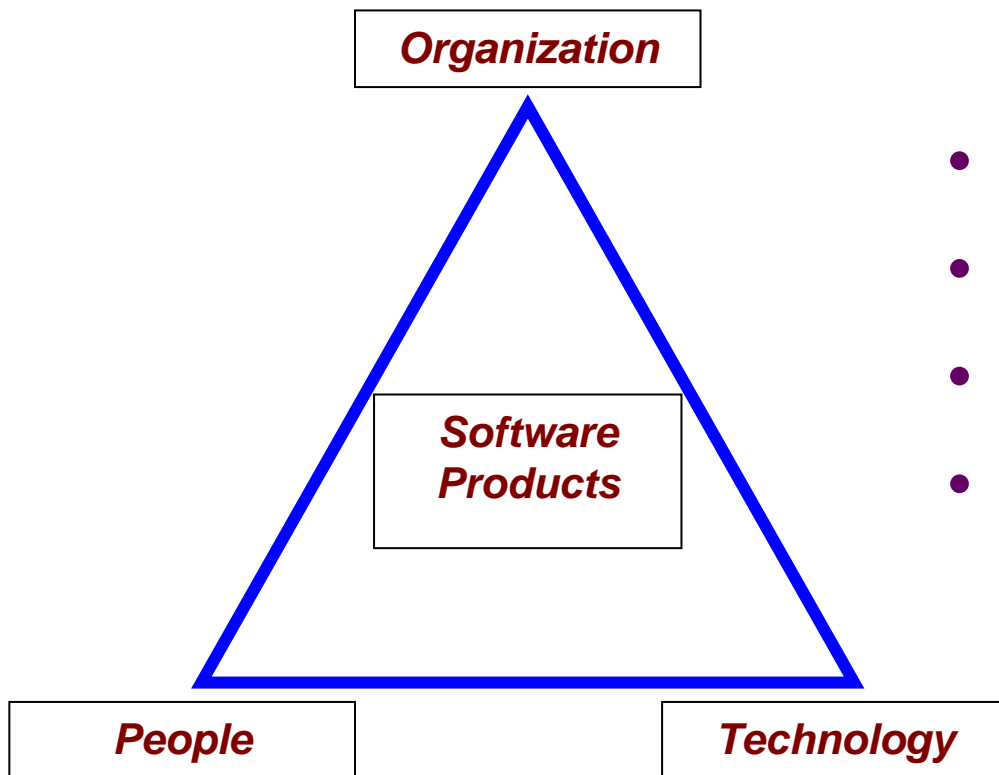
# NSS2 Objectives

- Identify Critical Issues
- Prepare Appropriate Findings & Recommendations
- *Develop an Implementation Strategy and Action Plan*



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# Taxonomy for NSS2

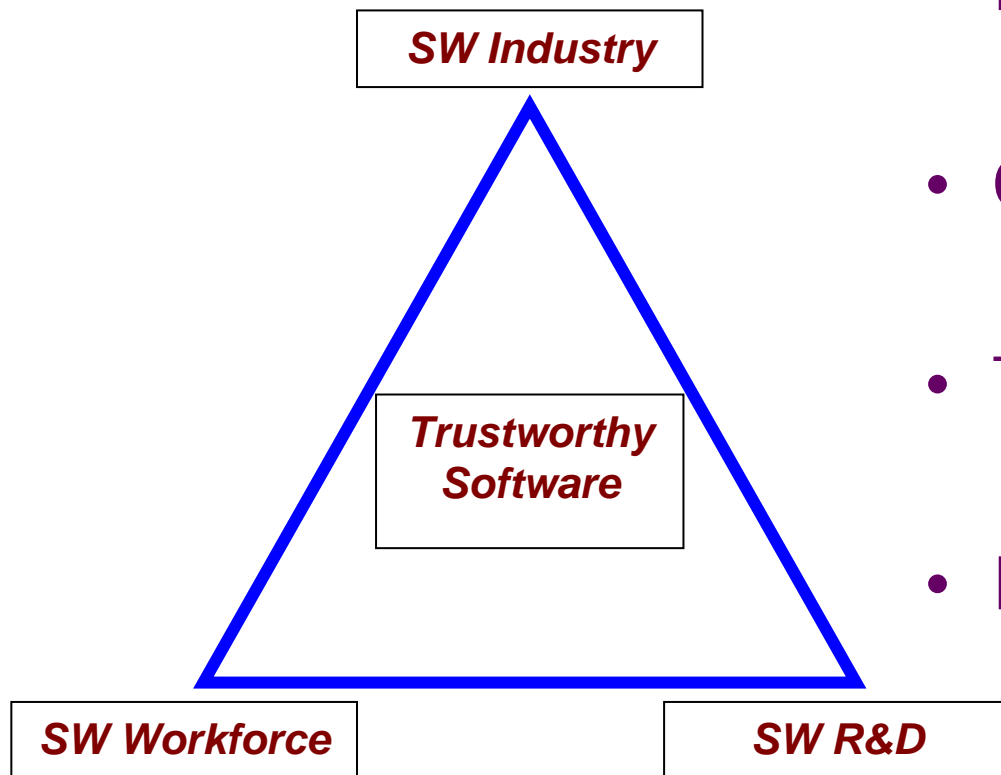


- People
- Organization
- Technology
- Products



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# Pre-NSS2 Workshops



- People
  - Software Workforce
- Organization
  - Software Industry
- Technology
  - Software R&D
- Products
  - Trustworthy Software



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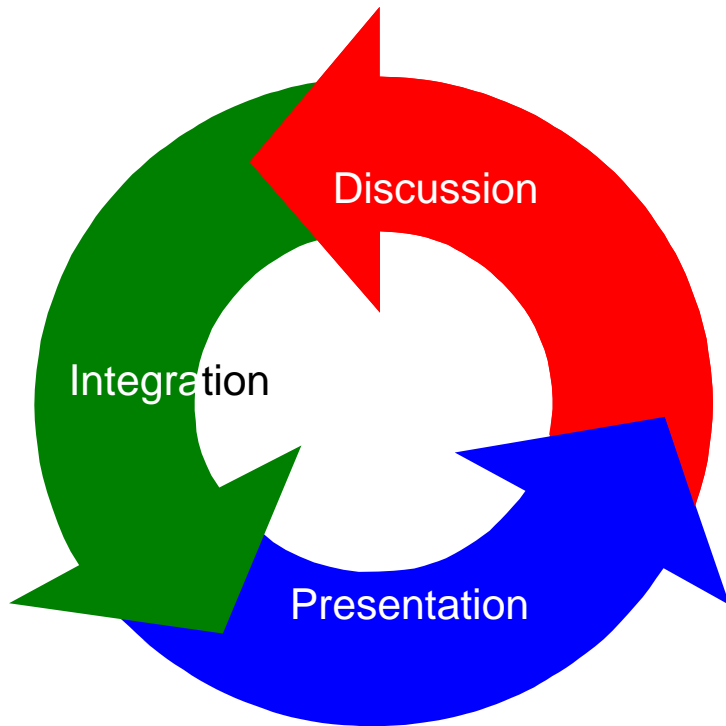
# NSS2 Structure & Format

- Keynote Addresses:
  - Industry, Government, Academia
- Four Primary Issue Sessions
- Omnibus Session-Other Issues...
- Plenary Sessions
  - Findings & Recommendations
  - Action Plan



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# NSS2 is *Interactive!*



- *Presentations* to Prime the Pump
- *Discussion* to Expand & Amplify
- *Integration* with Other Issues



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# Participant Input

2d National Software Summit (NSS2) Participant Input	
NAME: _____	AFFILIATION: _____
ISSUE AREA: The Software Industry	
CONCLUSIONS:	
_____	
_____	
RECOMMENDATIONS:	Priority
_____	_____
COMMENTS:	
_____	
_____	
ISSUE AREA: Trustworthy Software	
CONCLUSIONS:	
_____	
_____	
RECOMMENDATIONS:	Priority
_____	_____
COMMENTS:	
_____	
_____	
ISSUE AREA: The Software Workforce	
CONCLUSIONS:	
_____	
_____	

***Please....Complete the Participant Input form in your notebook and drop it in the box provided before you leave the summit meeting on Wednesday (or whenever you leave) !***

***Thank you.***



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# NSS2 Contributing Sponsors

- Sybase
- Mitertek Systems
- Learning Tree International
- Federal Aviation Administration
- Pragmatics
- VisiSoft
- Cigital
- Mercury Computer Systems



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