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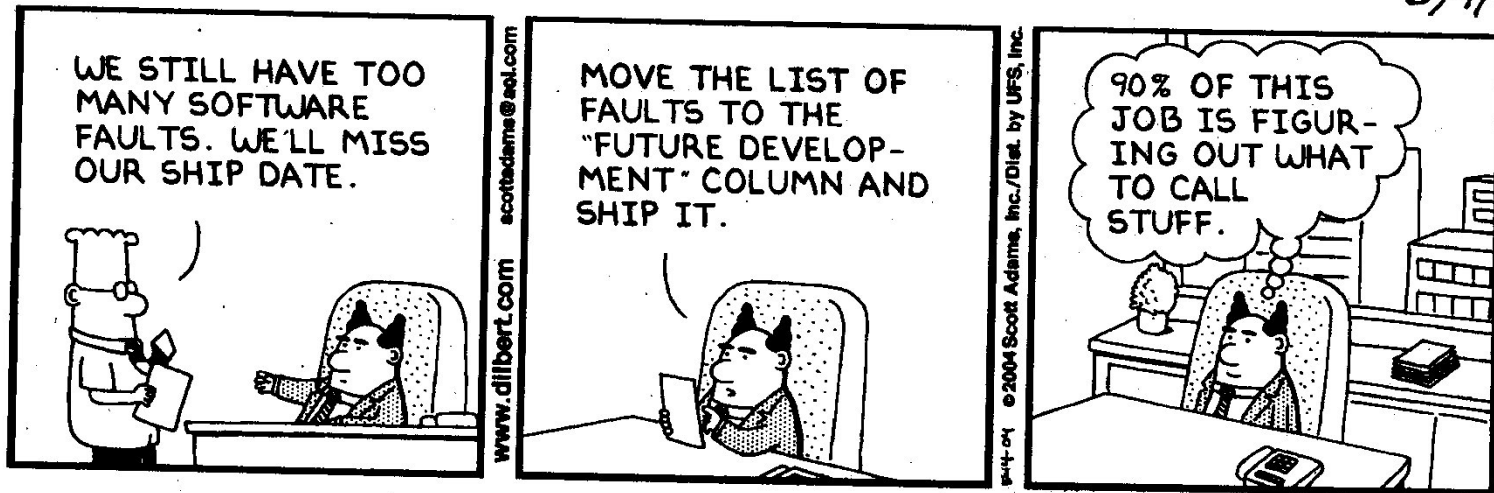
2d National Software Summit (NSS2)

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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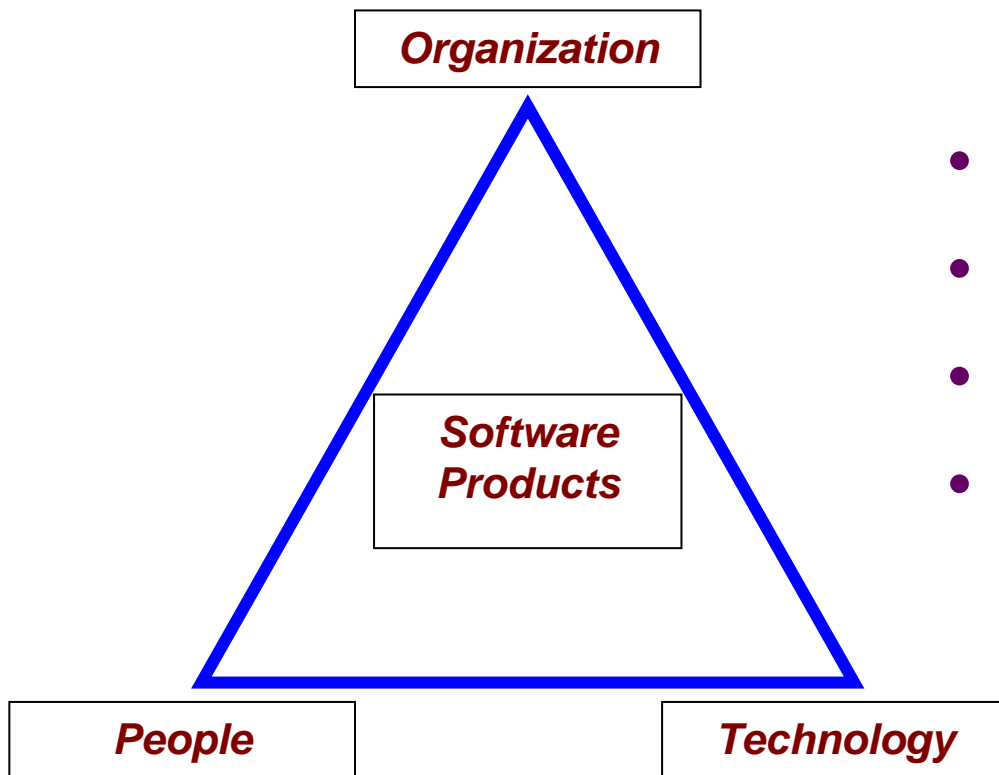
NSS2 Objectives

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



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Taxonomy for NSS2

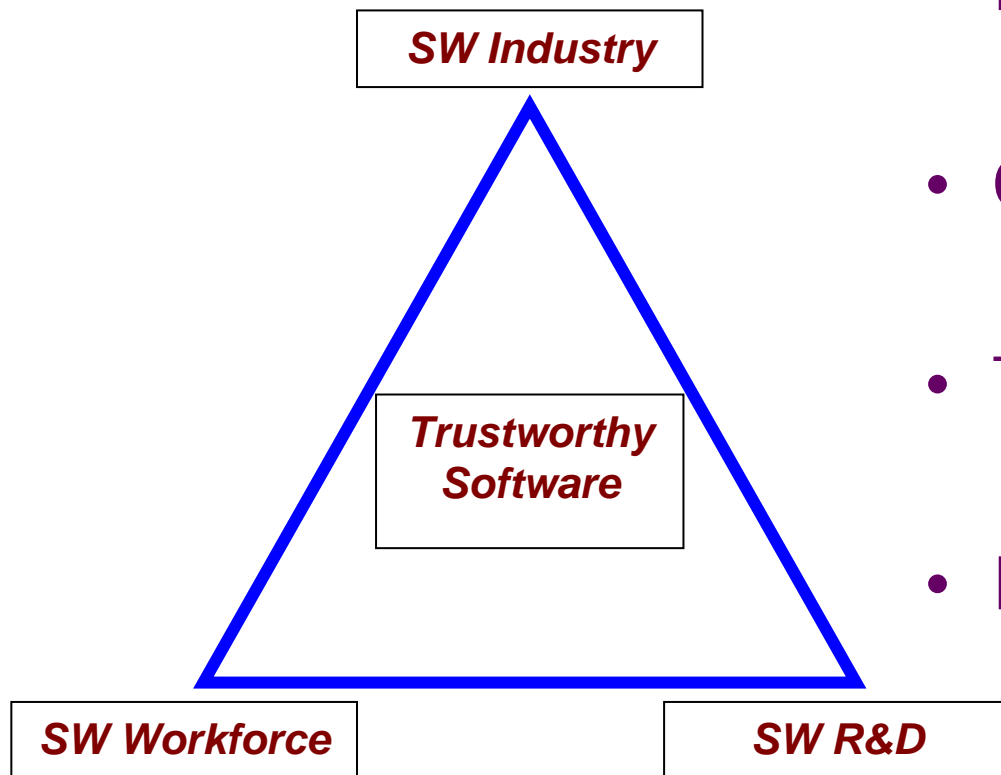


- People
- Organization
- Technology
- Products



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Pre-NSS2 Workshops



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



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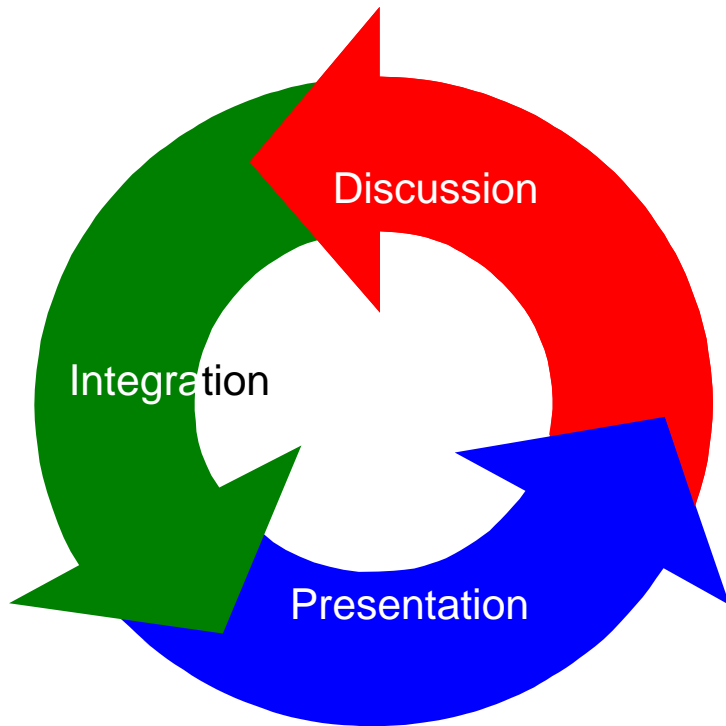
NSS2 Structure & Format

- 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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