



OSATE Support Strategy

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Problem: What does support includes

Tool Maintenance (bug correction – improvements)

- OSATE itself
 - Modeling Language (compilation to intermediate representation)
 - Common Analysis Execution

AADL Evolution

- Standardization of new versions of AADL
- Develop reference implementation of the OSATE tool supporting it

Modeling Knowhow

- How to model different types of systems
- How to model aspects of a system to analyze specific property types (e.g. scheduling, security, safety)

New Specialized Analysis

- Analysis theory
- OSATE plugin development



OSATE Support proposal (1)

1. Modeling Support License

- Knowhow
 - how to model systems in AADL
 - how to create AADL models in OSATE
 - How, workarounds, prioritize bug fixes
- Tool maintenance
 - Fix prioritize bug
 - Backlog of bug fixes / improvements
- Specialized Analyses
 - Knowhow modeling for specific properties

Target Customers

- Program Offices
- Contractors
- DoD Labs
- Industry



OSATE Support proposal (2)

2. Specialized Analyses

- New Analysis required by DoD
- Research
 - SEI Internal – Line funding
 - DoD PWPs
- Transition
 - DoD PWPs
- Opportunistically



AADL Language Evolution

TBD

