

# **COTS Technology Road Mapping Meeting**

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**Post IEEE RAMS Conference - Silver Legacy, Reno  
Grande Exposition Hall: Gold**

**1/26/18 (8am-Noon)**



# **Welcome to Reno Post Conference Meeting**

**Special thanks to:  
Harald Schone – Chief Technologist,  
SNL, and our University Partners:  
ASU  
UCLA  
VU**

# Goals and Objectives

- To provide a forum that allows open discussions between our attendees related to our collaborative efforts and synergistic activities
- To evaluate the various modeling tool developments
- To understand the potential for exchanging data between the tools
- To review the high-level diagram (Slide 6) and assess if the information flow is correct
  - What is the final product of each tool?
  - What are the implications of how each tool is used?



# Agenda

- Modeling tools - the “Big Picture” (see slide 6)
- How do the various systems integrate?
- Handshake between IRIS and SEAM
- Key inputs and outputs
  - Owners and responsibilities
- Tool development milestones (Roadmap)

# Modeling Tools

*(Notional)*

Abstraction	Domain	Domain Specific Tools	CrossCut Tools					
H	System/Requirements	SysML	P Y T H O N	M a t l a b				
	Functional	Orchestra (SNL) SysC						
	Behavioral	IBIS			D a k o t a	Q u e s t a	I M P A C T	M R E D
	Circuit	Xyce (SNL) Gateway X-SPICE Cadence						
L	TCAD	Charon (SNL) Atlas (Silvaco) RIOS (SNL) Sentaurus (Synopsis)						
			SNL	VU	ASU	VU		

# Modeling Tool Integration (Proposed)

