SimWORKS, A Hybrid Java/C++ Simulation Platform

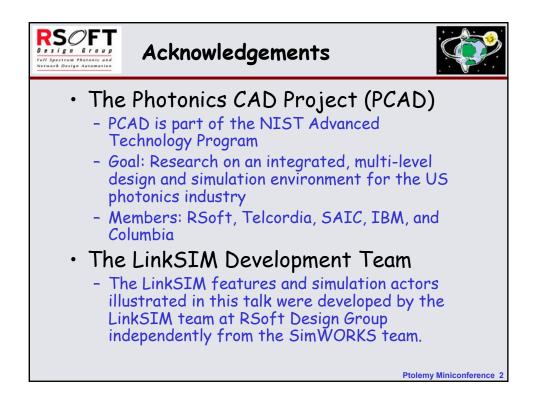
N. Stoffel, D. Richards, K. Thangaiah, H. Korada, R. Scarmozzino, B. Whitlock

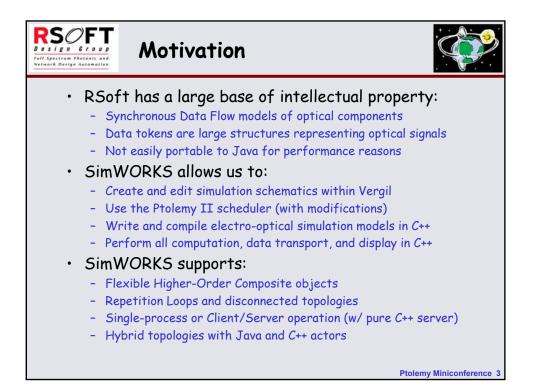
RSoft Design Group, Inc.

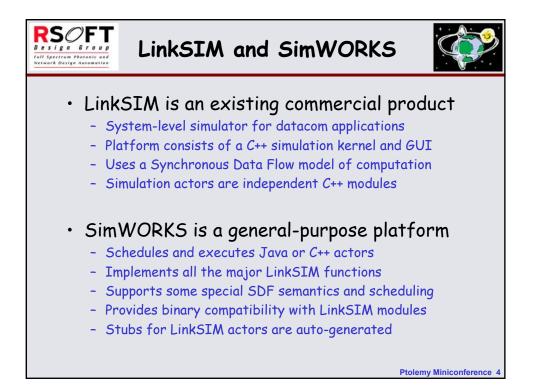
Work supported in part by the NIST Advanced Technology Program

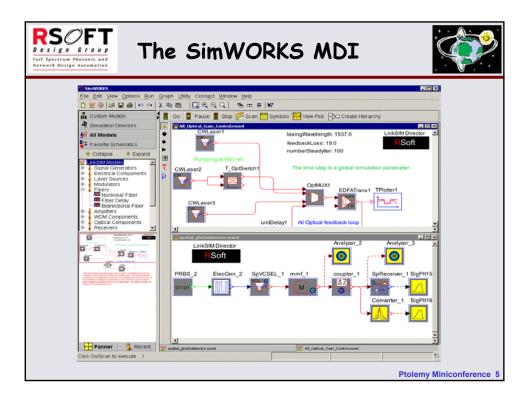
5th Biennial Ptolemy Miniconference Berkeley, CA, May 9, 2003

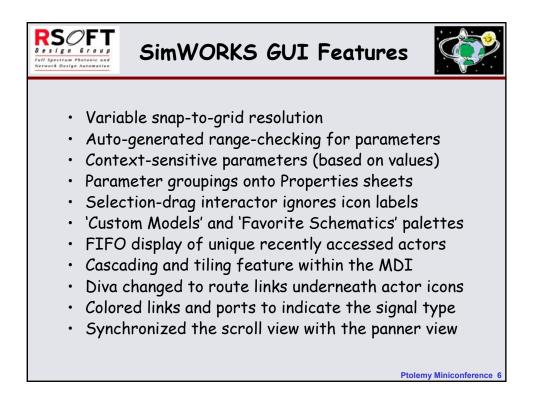




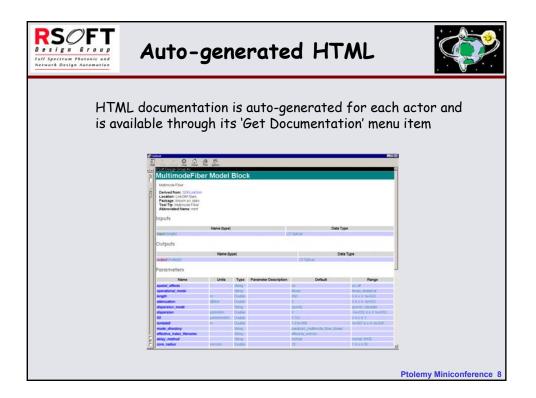


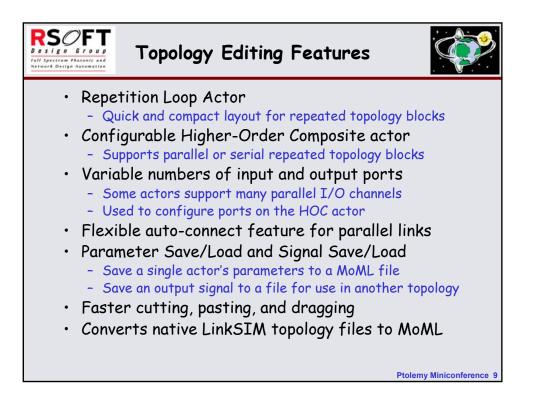


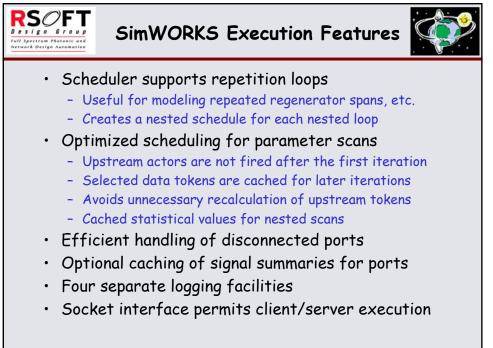




uration for DM Laser							
eneral Numerical	eral Numerical Optical Electrical Test Ports Naming						
DM Laser							
Parameter	Value	Std. Dev.	Distribution	Min	Max	Units	
Rd	5.0	0.0	None	0	1e+032	ohm	
Von	2.0	0.0	None	0	1e+032	V	
Drive_Scheme	"direct_drive"						
Rs	50.0	0.0	None	0	1e+032	ohm	
Bias_Value	"lo"						
lo	lo	0.0	None	0	1e+032	A	
Po	0.0	0.0	None	0	1e+032	W	
Parasitics	"on"						
Lb	0.3e-9	0.0	None	0	1e+032	Н	
Ср	2e-12	0.0	None	0	1e+032	F	









Repetition Loop Actor



Repetition Loops may be nested to arbitrary levels.

The Loop Icon displays the value of the NumReps expression, which controls the number of repetitions.

Loops implement an implicit delay to break apparent circular dependencies.

The scheduler throws an exception if it detects branching into or out of the loop body.

