

Si8000m / Si9000e / Speedstack 2015 Projects feature

Richard Attrill / John Lee

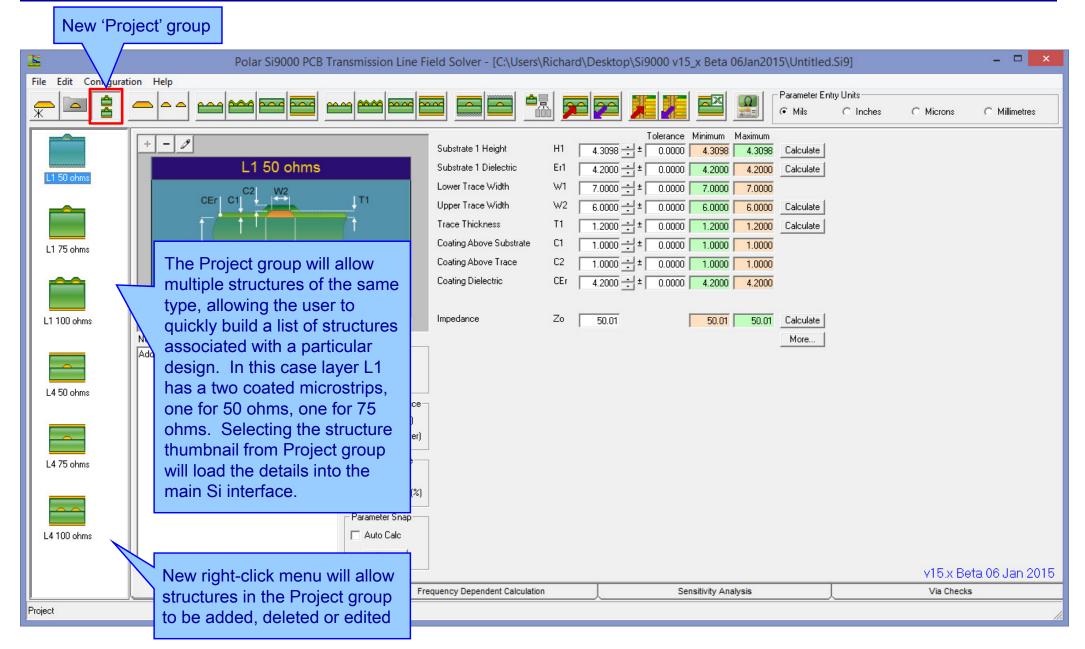




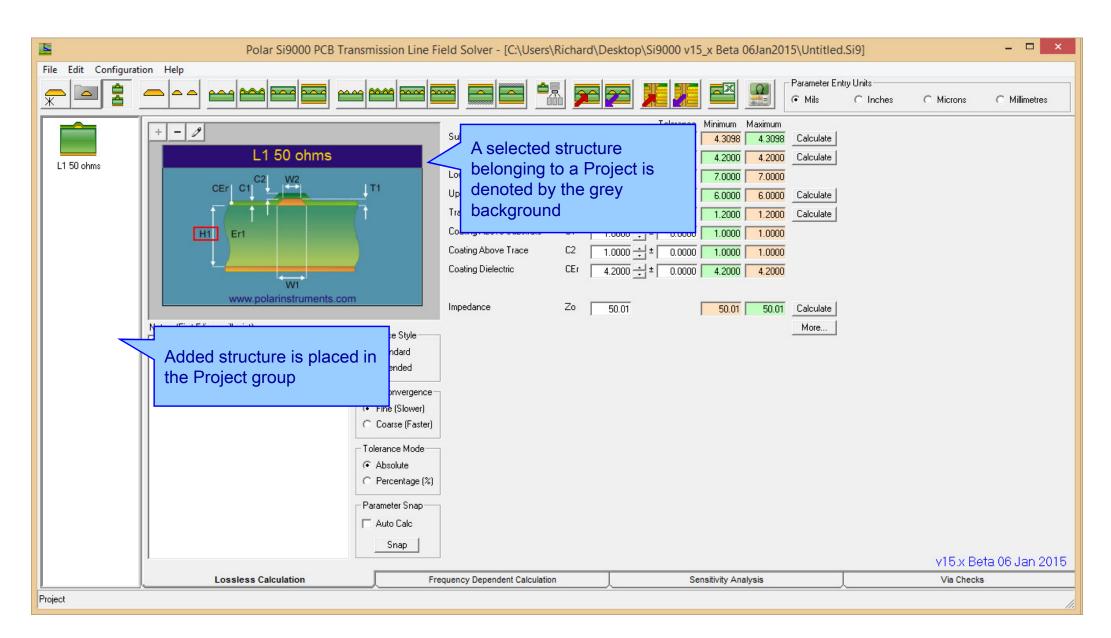
Introducing the Si8000m / Si9000e & Speedstack Projects feature Key benefits:

- Group together a set of related structures for a particular design
- Multiple instances of the same structure type with different parameter values
- Maintain simplicity of operation
- Existing functionality remains, enhanced with project functions
- Import a complete set of Speedstack structures in a single step
- Available for both Si8000m and Si9000e

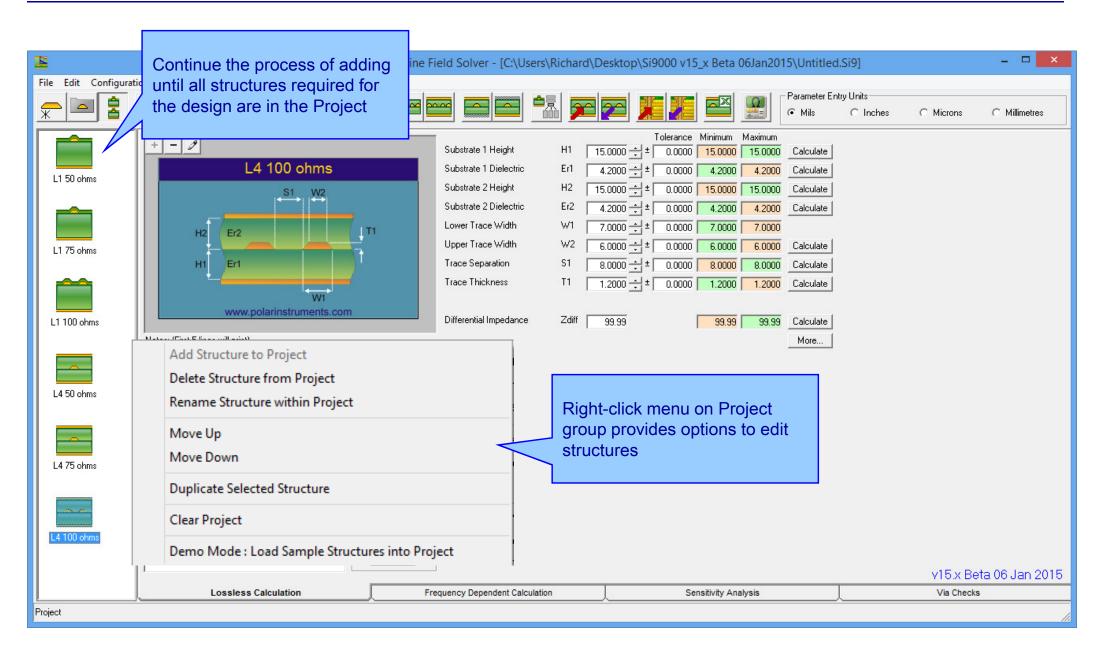






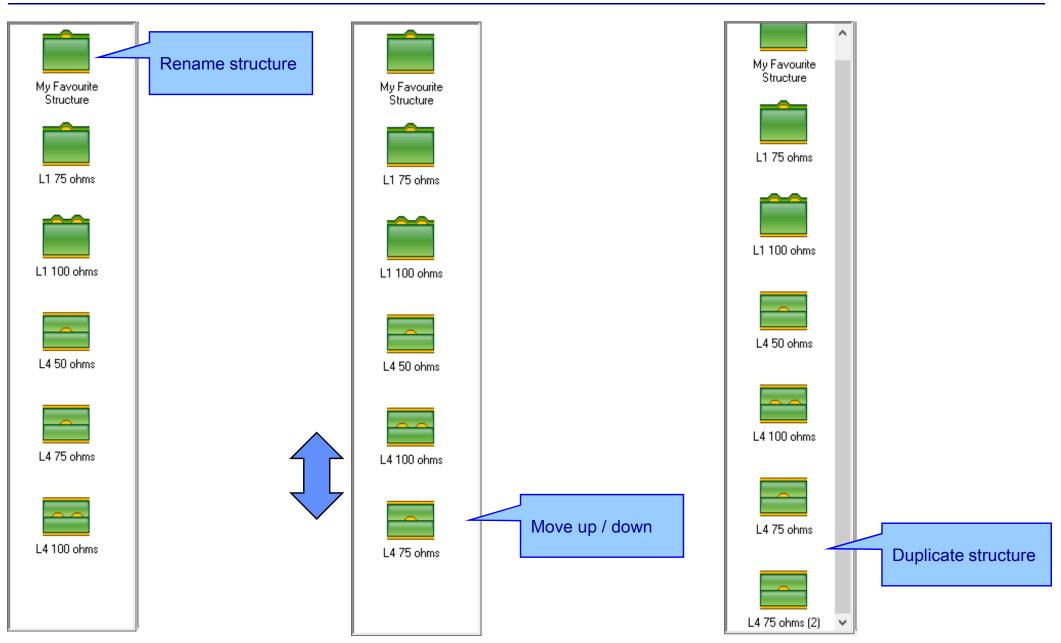








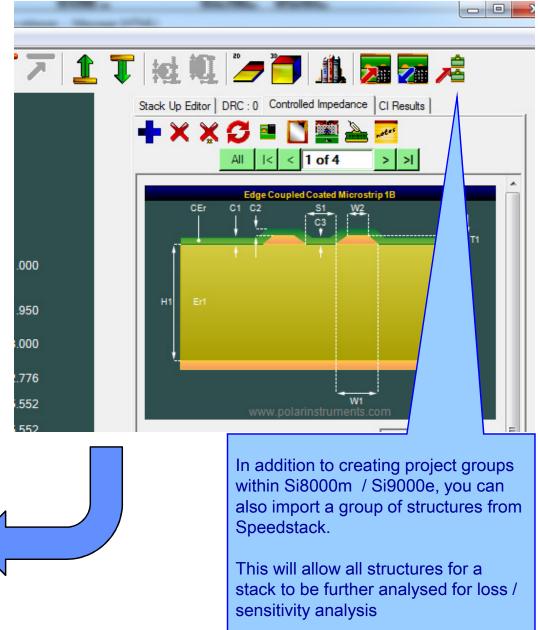




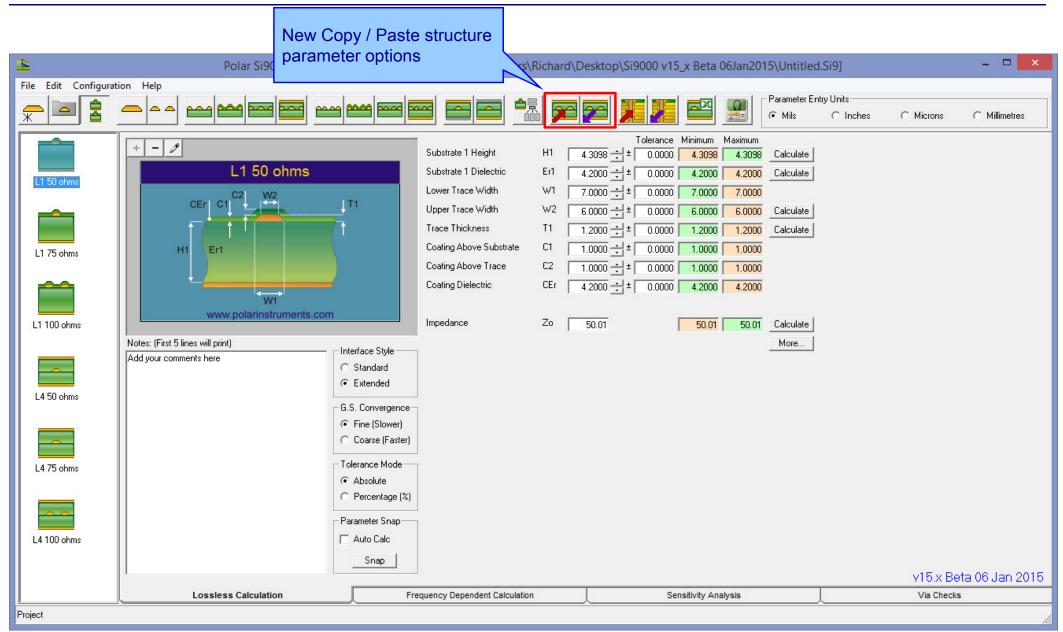




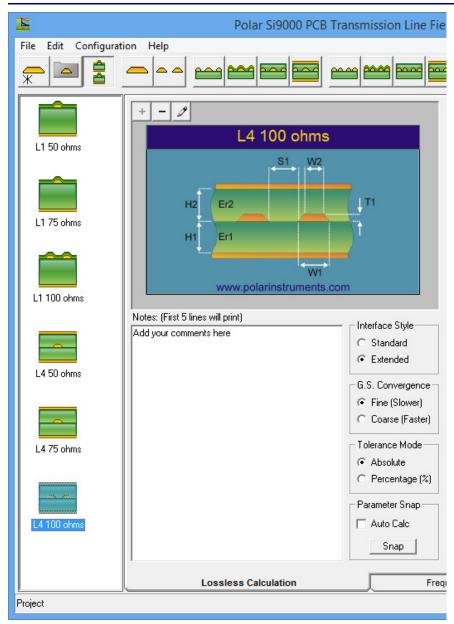


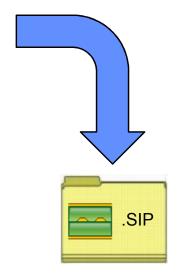






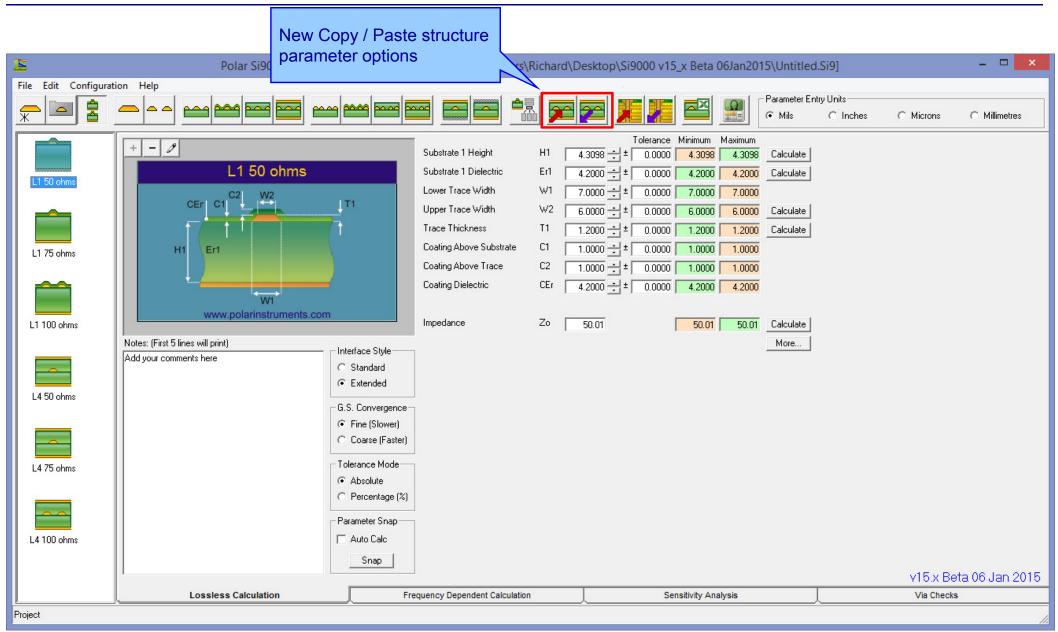






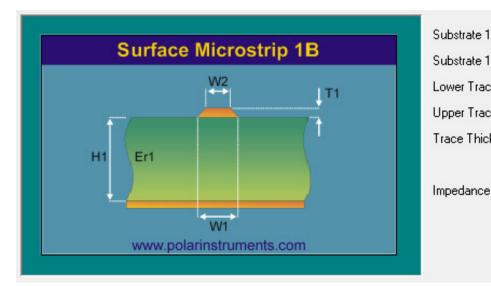
A new Si Project file format (.SIP) contains all the info in the Project group. New options to Open and Save the Project group have been created and placed on the File menu.











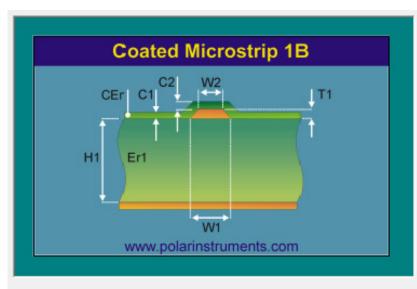
Tolerance Minimum Maximum	
8.5000 ± ± 0.0000 8.5000 8.5000	Calculate
4.2000 ± ± 0.0000 4.2000 4.2000	Calculate
6.0000 ± ± 0.0000 6.0000 6.0000	
5.0000 ± ± 0.0000 5.0000 5.0000	Calculate
1.2000 ± ± 0.0000 1.2000 1.2000	Calculate
	8.5000 ± ± 0.0000 8.5000 8.5000 4.2000 ± ± 0.0000 4.2000 4.2000 6.0000 ± ± 0.0000 6.0000 6.0000 5.0000 ± 0.0000 5.0000 5.0000

80.03

80.03



Often it is useful to pass parameters between structures. In this case the parameters will be copied from Surface Microstrip 1B



ĺ			Tolerance Minimum Maximum	
l	Substrate 1 Height	H1	8.5000 ± ± 0.0000 8.5000 8.5000 (Calculate
l	Substrate 1 Dielectric	Er1	4.2000 ± ± 0.0000 4.2000 4.2000	Calculate
	Lower Trace Width	W1	6.0000 ± ± 0.0000 6.0000 6.0000	
	Upper Trace Width	W2	5.0000 ± ± 0.0000 5.0000 5.0000	Calculate
	Trace Thickness	T1	1.2000 ± ± 0.0000 1.2000 1.2000	Calculate
	Coating Above Substrate	C1	1.0000 ± ± 0.0000 1.0000 1.0000	
l	Coating Above Trace	C2	,	and
l	Coating Dielectric	CEr	4.2000 0.0000 4.2000 4.2000	Coated
	less design	7-	r	This sho need to
	Impedance	Zo	75.28 75.28 75.28	parar
				a a fara

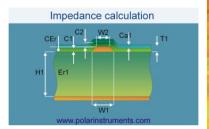
80.03

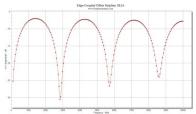


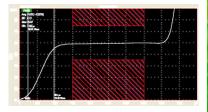
... and then pasted to Coated Microstrip 1B. This should reduce the need to note down the parameter values before keying them in on the new structure

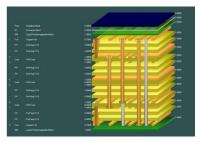
Zo

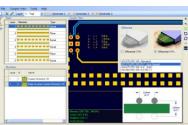


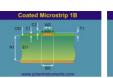




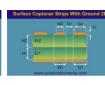


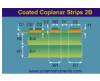


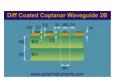


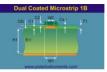


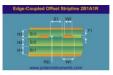








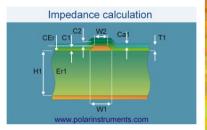


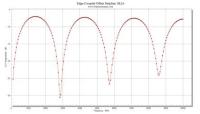


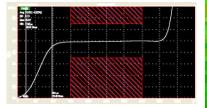
Thank you

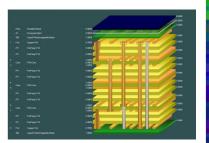


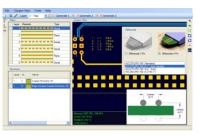


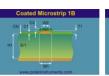


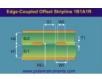


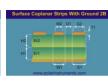


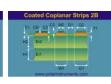




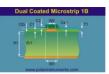


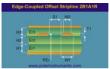












For more information:

Contact Polar now: Phone

USA / Canada / Mexico

Ken Taylor (503) 356 5270

Asia / Pacific

Terence Chew +65 6873 7470

UK / Europe

Neil Chamberlain +44 23 9226 9113

Germany / Austria / Switzerland

<u>Hermann Reischer</u> +43 7666 20041-0

polarinstruments.com