A G E N D A

Tuesday, October 14

7:00-8:30 pm	Registration Opens Reception: Cocktails and Hors d'oeuvres (Conference Area Lobby)

Wednesday, October 15

8:00-9:00	Breakfast		
9:00-9:15	Welcome and Introduction, *Linda Lokay, VP Marketing & Business Development*		
9:15-10:00	Keynote Session *Stay tuned for presenter details*		
10:00-10:30	Reaching New Heights *Jean-Marc Guillard, Chief Executive Officer*		
10:30-10:45	Break		
10:45-11:30	Top 10 Reasons to Embrace R25/R2015x *Vivekan Iyengar, VP Engineering*		
11:30-12:15	Success Within the Spatial Community Customer Videos/Demos		
12:15-1:15	Lunch		
	PARALLEL SESSIONS		
1:15-2:15	Interop R25/R2015xB1: Innovation Simplified. Migrate. Enhance. Deliver., *Karthick Chilaka*	CGM: Cutting-Edge Technology in the Multi-CAD World *Brendan Doerstling / Julian Vargese*	One-on-One Meetings
2:15-3:15	What's New in ACIS R25 *Brian Tomas* *Sriprasadh R*	Introducing HPS: Next Gen Desktop & Mobile Visualization *Brad Flubacher*	
3:15-3:30	Break		
3:30-4:30	Enabling Model-Based Engineering (MBE) With 3D InterOp *Steve Adams*	Multiprocessing: Overcoming Barriers to Success *Jeff Happoldt*	One-on-One Meetings
4:30-5:30	3D InterOp – Access what you want when you want it *James Gay*	Get the Most Out of HOOPS. Advanced HOOPS Techniques *Brad Flubacher*	
6:00-9:00	Cocktails, Dinner, and Entertainment		

3D Insiders' Summit 2014
Experience matters. Get hands on.

October 15-16, Broomfield, Colorado

A G E N D A

Thursday, October 16

8:00-9:00	Breakfast		
9:00-9:15	Welcome and Introduction, *Linda Lokay, VP Marketing & Business Development*		
9:15-10:00	R2016: What's on the Horizon, *Vivekan Iyengar, VP Engineering*		
PARALLEL SESSIONS			
10:00-11:00	What's next for 3D? Harness the Power of Hybrid Modeling, *Adam Chacon, Sanjeev Padmanabhan*	Multiprocessing: Overcoming Barriers to Success, *Jeff Happoldt*	Technology Exchange Fair
11:00-12:00	CGM: Cutting-Edge Technology in the Multi-CAD World, *Brendan Doerstling, Julian Vargese*	Develop Robust ACIS Applications, *Sriprasadh R Eric Zenk*	One-on-One Meetings
12:00-1:00	Lunch		
1:00-2:00	Interop R25/R2015xB1: Innovation Simplified. Migrate. Enhance. Deliver, *Karthick Chilaka*	Experience 2D/3D Constraint Solver [CDS] – Enhancing Your Design *Ramon Ocon*	Technology Exchange Fair
2:00-3:00	What's New in ACIS R25 *Brian Tomas Sriprasadh R*	Use HOOPS. Make Life Easier, *Brad Flubacher*	One-on-One Meetings
3:00-4:00	User Feedback Session Q & A / Enhancement Requests / Roadmap Feedback		
4:00-5:00	Technical support individual sessions and 1:1 meetings		

*Subject to change

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ABSTRACTS

3D InterOp – Access What You Want When You Want it
James Gay

Models continue to get bigger and more complicated. Imagine your user interacting with the model while BREP loads in the background. What if you could provide more feedback to the user about broken assemblies, improve performance, or extend your solution to the cloud? Join us to see how you can enhance your user's interoperability experience.

CGM: Cutting-Edge Technology in the Multi-CAD World
Brendan Doerstling, Julian Vargese

Imagine creating a new breed of applications by harnessing the power of CGM. Join us to see first-hand how volumetric sweeping simulates manufacturing processes to generate precise Brep models. Learn about CGM's ability to recover features on imported data for workflows such as defeaturing and model classification. Discover how easy it is to implement direct editing in your application. These are just some of the reasons to choose CGM to power your next-generation application.

Develop Robust ACIS Applications
Sriprasadh R, Eric Zenk

You push a button, the operation fails, so what do you do next? This session focuses on how to develop robust and maintainable ACIS applications. APIs preserve model integrity and provide information when problems occur, enabling you and your customers to get back on track.

Enabling Model-Based Engineering (MBE) With 3D InterOp
Steven Adams

Model-based engineering is the holy grail of 21st century knowledge management. Spatial's 3D InterOp supports your quest. Supplementary information is converted in all its formats, representations, and associations. Special interests are captured, and distractions can be hidden. Hear from one of our customers how they are using these capabilities.

Experience CDS, the 2D/3D Constraint Solver
Ramón Ocón

Do you need to implement constraints on your sketcher, assemblies, perhaps simulations? CDS provides a powerful constraint solver for these 2D and 3D scenarios. This session will describe and demonstrate the CDS interface and its latest capabilities.

Get the Most Out of HOOPS. Advanced HOOPS Techniques
Brad Flubacher

You are already maintaining focus on your core capabilities by relying on HOOPS for complex visualization. But how do you get the most out of this powerful toolkit? In this thrilling session, you will learn how to leverage the power of HOOPS more completely, what the common pitfalls are, and how to avoid them.

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InterOp R25/R2015xB1: Innovation Simplified - Migrate. Enhance. Deliver
Karthick Chilaka
InterOp provides powerful new interfaces and capabilities. This session will address key changes to the InterOp Product, share tips to ease migration, and introduce new functionality that customers can leverage.

Introducing HPS: Next Gen Desktop & Mobile Visualization
Brad Flubacher
HPS is a new object oriented interface to HOOPS that allows you to deploy applications to the desktop, the cloud, and mobile devices. Join us in this session to learn how to use this new API for programming complex graphics scenes, and gain the confidence to embrace this evolution in high performance visualization technology.

Multiprocessing: Overcoming Barriers to Success
Jeff Happoldt
This presentation will focus on some of the more common challenges encountered while adding multiprocessing capabilities to end-user applications. We will discuss how to effectively utilize resources, improve performance, ensure correctness and determinism, as well as how to overcome code complexities and maintenance issues. We will examine real world scenarios, best practices, and ways to get you started in your own environments. Additionally, we will look at the latest multiprocessing enhancements in ACIS and CGM and will discuss potential future improvements.

Use HOOPS. Make Life Easier.
Brad Flubacher
Spend time on the things that differentiate your product from the others. Adopt HOOPS for your 3D visualization. In this session, you will learn how to quickly leverage many of the advanced out-of-the-box display capabilities seen in modern applications.

What's New in ACIS R25
Brian Tomas, Sriprasadh R
Update your tools to update your app. In this talk, we give an overview of new and improved interfaces in ACIS R25. First, high level, plug and play interfaces for rapid development of 3D workflows: construction, modification, and queries. Second, low level, nuts & bolts interfaces which enable experts to experiment, discover, and invent their own 3D workflows.

What's Next for 3D? Harness the Power of Hybrid Modeling
Adam Chacon, Sanjeev Padmanabhan
3D application developers are looking to overcome the limitations of traditional B-Rep geometry. Hybrid modeling is a powerful addition to Spatial's components. In this session we will focus on the benefits of using a common interface for exact and non-exact geometries. We will also demonstrate how hybrid modeling can take real world applications like 3D printing, mold making, and clash detection in robotics to the next level.

*Subject to change