

bS-USA Solutions Providers Group (SPG) BIM for Bridges and Structures Unit Test Support Forum #13 & SPG General Meeting

25 September 2024

Agenda

Updates on TPF-5(372) and 5(523) BIM for Bridges and Structures (Phases I & II) and TPF-5(480) BIM for Infrastructure

bSI's openBIM® Standards today

Upcoming international and chapter events

openBIM® Showcase update

AOB

General Notes

Meeting is being recorded. Recording will be made available on the bS-USA website

Any documentation resulting from BIM4Bridges discussions will be included on GitHub repository Readme.md and/or repository wiki

Speak up. Silence is NOT golden in this case. Active participation helps us all. If you see something, say something. We are flexible to form the optimal process and get the best results. When in doubt, ask. There are no dumb questions.

Meeting Schedule

Back to bi-weekly. Same day of week, same time.

Tentative 2024 Dates & *Tentative SPG 2024 Dates:

~~14 FEB~~

~~28 FEB~~

~~13 MAR~~

~~27 MAR~~

~~10 APR*~~

~~24 APR*~~

~~08 MAY cancelled~~

~~22 MAY~~

~~05 JUN*~~

~~19 JUN~~

~~03 JUL~~

~~17 JUL~~

~~31 JUL~~

~~14 AUG*~~

~~28 AUG~~

11 SEP

25 SEP*

09 OCT

23 OCT*

06 NOV

20 NOV*

04 DEC

18 DEC*

BIM for Bridges and Structures

TPF-5(372) – “Phase I” & TPF-5(523) – “Phase II”

TPF-5(372) “Phase I”

Continued Unit Test Suite Support – Continued Work/Challenges

- AbV Base MVD Feedback/Coordination with bSI
- Update Test instructions
- Update IDS and post to GitHub
- Waiting for Vendor Submissions

TPF-5(523) “Phase II”

Scope:

Develop 3 more data exchanges for Bridges

Work to Date:

Methodology Development and Report

Exchange Prioritization and Report

Coordination / feedback with bSI Technical

Next Steps:

Development of “Advanced Detailing” data exchange

BIM for Infrastructure

TPF-5(480)

openBIM[®] Standards

What do things look like today?

Event Schedule

Spreading the Word and Getting Involved

Online Event Schedules

bSUSA Webinars - <https://www.buildingsmartusa.org/us-activities/webinars/bs-usa/>

bSUSA Events - <https://www.buildingsmartusa.org/us-activities/calendar/>

bSI Summits - <https://www.buildingsmart.org/international-summits/>

bSI GAI - <https://www.buildingsmart.org/general-assembly-of-implementers/>

bSI General Events Calendar - <https://www.buildingsmart.org/events/>

2024-2025 Events

Follow the Sun

2nd Annual BIM SMART Summit

openBIM Workflows: Learn from the Experts

bSI General Assembly of Implementers – Denver, CO

bSI Standards and Solutions Summit – Fall 2024 – Marrakesh, Morocco

bSUSA Webinar - From Virtual to Reality (Airport Committee)

openBIM Transportation Summit 2024

bSUSA Webinar – AI and Data Governance

NIBS Digital Twins 2024

21 March 2024

11 April 2024

27 August 2024

28-29 August 2024

01-03 October 2024

09 October 2024

13 November 2024

11 December 2024

09 December 2024

2024-2025 Events

2nd Annual Follow the Sun

March 2025

3rd Annual BIM SMART Summit

April 2025

bSI General Assembly of Implementers - Budapest

05-06 February 2025

bSI Standards and Solutions Summit – Spring 2025 – Singapore

18-20 March 2025

bSI General Assembly of Implementers – Redlands, CA (ESRI)

20-21 August 2025

Learn from the Experts

<https://www.buildingsmartusa.org/us-activities/openbim-usa-events/buildingsmart-usa-openbim-workflows-learn-from-the-experts/>

buildingSMART USA openBIM® Workflows: Learn from the Experts
August 27, 2024 | All Day
Trimble Corporate Headquarters @Westminster, Colorado

A one-day **hybrid** event with visiting experts, discover the latest in openBIM® workflows and learn from industry experts at our exclusive event hosted by Trimble. This is a unique opportunity to meet speakers from the US, Asia, and Europe, deepen your understanding of IFC and other buildingSMART standards, participate in interactive demos, and network with professionals in the field.

Highlights include:

- Insightful presentations and demos on IFC and openBIM®
- Real-time sessions to navigate IFC models
- Live demos to define requirements using IDS and bSDD, and checking IFC models
- Interactive discussions on digital as-builts and validation services
- Networking opportunities with top industry experts

Whether you're a designer, project manager, or BIM enthusiast, this event is tailored to enhance your knowledge and skills in openBIM® workflows.

Don't miss out on this chance to stay ahead in the industry. Register and join us for a day of learning, collaboration, and innovation!

Many thanks to Trimble Inc. for hosting this event at their Corporate Headquarters!

- In-person \$250 / person
- Virtual \$125 / person
- Virtual (Public Agency) \$0 / person
- Student \$30

Space is limited, register now!



The poster features the buildingSMART USA logo at the top. Below it, the text reads: "one-day hybrid event with visiting experts", "buildingSMART USA openBIM® Workflows: Learn from the Experts", and "rare opportunity to meet speakers from the US and Europe". The date "Tuesday, August 27, 2024" is prominently displayed. A central diagram shows a four-step process: "Require" (Define your project information requirements, with IDS logo), "Produce" (Create the dataset, with bSDD and IFC logos), "Check" (Check your data against the requirements, with BCF logo), and "Deliver" (Share data and/or issues, with openCDE logo). At the bottom, it states "sponsored & hosted by" followed by the logos for buildingSMART International and Trimble, with the address "Trimble Corporate Headquarters, Westminster, Colorado" below.

buildingSMART[®]
USA

one-day hybrid event with visiting experts

**buildingSMART USA openBIM® Workflows:
Learn from the Experts**

rare opportunity to meet speakers from the US and Europe

Tuesday, August 27, 2024

Require
Define your project information requirements
IDS

Produce
Create the dataset
bSDD IFC

Check
Check your data against the requirements
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buildingSMART[®]
International

Trimble

Trimble Corporate Headquarters
Westminster, Colorado

bSI General Assembly Meeting

<https://www.buildingsmart.org/event/general-assembly-of-implementers-westminster-usa/>



bSI GA Agenda

General Assembly of Implementers Agenda - August 2024

Location: Trimble HQ, Westminster (Denver), CO, USA

Recommended Hotel: Drury Plaza Hotel Denver Westminster

Wed 28 August	Time (MDT)	Duration (mins)	Topic	Speaker(s)
Session 1: IDS, IFC, bSDD	09:00 - 10:30	15	Welcome and introduction from Trimble	Chris Peppler, Mark Schwartz
		30	Status update of standards and services	Léon van Berlo
		45	User experiences and feedback	Richard Brice (Washington State DOT)
	11:00 - 12:30	15	IDS updates	Léon / Artur
		60	bSDD updates	Artur Tomczak
		15	IFC 4.3 & Implementer Forum update	Evandro Alfieri
Lunch	12:30 - 13:30		Lunch & Group Photo	
Session 2: IFC Validation & Certification	13:30 - 15:00	90	IFC Validation Service	Evandro / Scott Lecher
	15:30 - 17:00	90	Software Certification	Evandro / Léon
Evening			Dinner hosted by Trimble	
Thu 29 August			Topic	Speaker(s)
Session 3: IFC 5	09:00 - 10:30	90	IFC 5 Principles and considerations	Greg / Léon
	11:00 - 12:30	70	IFC 5 experiments / demos	Greg / Tom / Thomas / David
		20	ISO Compatibility Policy for IFC	Léon
Lunch	12:30 - 13:30		Lunch	
Session 4: Open house & onsite tour	13:30 - 15:00	30	Wrap up: decisions and lessons learned	All
			open House submit your proposal to technical@buildingsmart.org	
	15:30 - 17:00		Tour Trimble Campus	
			End of meeting	

openBIM[®] Showcase

Demonstrating Today's Software Capabilities

AOB

Thank you for your time