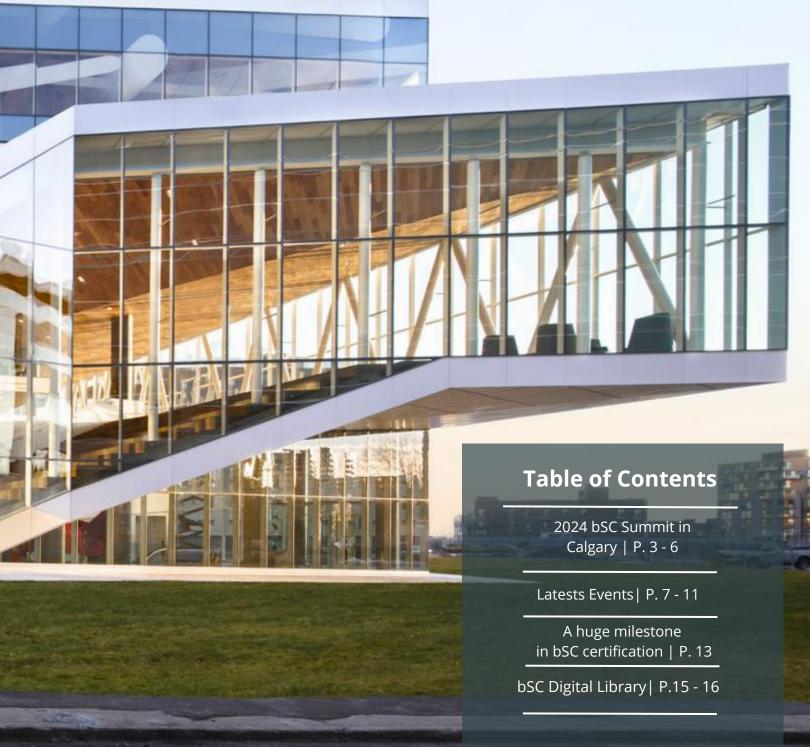
buildingSMART CANADA **NEWSLETTER**





Remarks by the President

Dear buildingSMART Canada Members,

I want to commend the remarkable number of foundation certifications awarded this year. This milestone reflects our collective commitment to excellence and our dedication to advancing industry standards. Your hard work and pursuit of knowledge have set a high benchmark for others to follow, and it is truly inspiring. This certification is internationally recognized and verifies your foundational knowledge of both openBIM and ISO 19650.

We are pleased with the enthusiasm to innovate in the area of BIM and GIS interoperability. The synergy between these domains is opening new frontiers in data management and spatial analysis, paving the way for smarter, more sustainable cities and healthier cities for us all. Which is why we will be holding our annual National Summit with Geomatics Expo – bringing specialists in these domains together to learn from one another.



Claudia Cozzitorto

President, buildingSMART Canada

Our community has seen tremendous growth and progress this year, and I could not be prouder of what we have accomplished together. I am thrilled to see the growing interest in openBIM and the recognition of its importance in our industry. We continue to engage with all levels of government and all sectors of the industry to spread awareness and increase our collective knowledge, but we can't do it alone. Please help us advocate for openBIM and participate actively within the community.

People and community are at the heart of this organization all working toward a unified goal. Thank you for your support and dedication.

Sincerely,

Claudia Cozzitorto
President, buildingSMART Canada

2024 bSC National Summit

buildingSMART Canada (bSC) is pleased to announce its partnership with GoGeomatics Canada to host the bSC Annual Summit during Canada's National Geomatics Expo, taking place from October 28th to 30th in Calgary, Alberta.

This year's summit will bring together professionals from the architecture, engineering, construction, and operation (AECO) industries, as well as leaders in geomatics, to explore the integration of building information modeling (BIM) and geospatial technologies. The collaboration highlights a shared commitment to advancing digital transformation and innovation across related sectors. Importantly bSC continues to engage the wider geomatics sector to raise the awareness of BIM and GIS interoperability and the future of digital twins. Being held in western Canada for the first time the bSC Annual Summit acts as a catalyst for growth, innovation, and collaboration in Canada's AEC industry, helping to drive the adoption and sophisticated use of BIM technologies across the sector.

The summit will feature keynote speeches, panel discussions, and workshops led by industry experts. It aims to provide insights into the latest trends and technologies influencing both the geomatics and AECO sectors. Jonathan Murphy, Director of GoGeomatics Canada, commented, "This partnership with buildingSMART Canada underscores our dedication to enhancing collaboration within the geomatics community and beyond. We look forward to welcoming the BIM community to Canada's national geomatics expo, enriching the experience for all attendees."

The event is expected to draw a diverse audience, including academics, policymakers, technologists, stakeholders, who are keen to explore the convergence of these critical industries and advance their impact on Canada's infrastructure and environment.



October 28th to 30th, 2024



Big Four Roadhouse1801 Big **Four Trail SE** Calgary, Canada





Organizers:





The theme of the 2024 summit is the **Digital Transformation of the Built Environment**. This summit will highlight our commitment to integrating advanced Building Information Modeling (BIM) with geospatial technologies, driving innovation and efficiency across the industry. We are proud to collaborate with Canada's National Geomatics Expo to bring you this pivotal event, offering invaluable insights and networking opportunities.

Our mission for the summit is to unite the diverse BIM and geospatial communities, fostering a dynamic environment of learning, networking, and idea exchange. This year, we have curated an array of programs that cater to the wide-ranging interests within our sector, including:

- buildingSMART Canada Annual BIM Summit
- Geomatics for the Public Good
- Geospatial Al
- Hydrospatial Advances
- The Canada Maps Program
- Reality Capture & Digital Twins
- Remotely Piloted Aircraft Systems (RPAS)
- Subsurface Utility Engineering Advances
- Surveying & Precision Measurement
- Earth Observation

We are also proud to announce that the summit will include a spotlight on Indigenous engagement initiatives in government infrastructure projects. This focus ensures that knowledge sharing and mentorship are inclusive, promoting diversity and cultural understanding within the industry's evolving landscape.

Call for speakers and workshops

Are you an expert or do you have valuable knowledge to share? The GoGeomatics Expo and buildingSMART Canada provide the perfect platform! Whether you specialize in BIM technology, geomatics, AI, or any other program we offer, this is your chance to contribute. Simply fill out the form below to apply as a speaker or workshop leader. Please return the completed form to JonathanMurphy@gogeo.ca with your logo and headshot.

Download the speaker form









As a member of buildingSMART Canada, you are entitled to discounted tickets for attendance and exhibiting at the summit. Additionally, we have prepared a special bSC exhibitor and sponsorship package for you to review, offering excellent opportunities to showcase your contributions to the BIM community.

Our mission for the summit is to unite the diverse BIM and geospatial communities, fostering a dynamic environment of learning, networking, and idea exchange. This year, we have curated an array of programs that cater to the wide-ranging interests within our sector, including: buildingSMART Canada Annual BIM Summit Geomatics for the Public Good Geospatial Al Hydrospatial Advances The Canada Maps Program Reality Capture & Digital Twins Remotely Piloted Aircraft Systems (RPAS) Subsurface Utility Engineering Advances Surveying & Precision Measurement Earth Observation.

We are committed to providing our exhibitors and sponsors with exceptional value and opportunities to engage with the BIM community. Join us at the National Geomatics Expo 2024 to be part of this exciting journey and contribute to the advancement of our industry.

For more details and to review the bSC exhibitor and sponsorship package, please visit our website or contact our team directly.



buildingSMART Canada Booth Packages

The Exhibitor Package includes a broad range of opportunities to allow participants to help facilitate business-to-business (B2B) and business-to-government (B2G) connections, as well as governmentto-government (G2G) interactions. Participants will be able to expand their networks, generate sales, increase services exposure, recruit new talent, expand the reach of their brand, and connect with decision-makers. The conference's agenda is curated by an advisory committee of government, business, and geospatial innovation leaders to ensure our event is endorsed by the most relevant organizations in the location technology sector.

Prices increase August 1st, 2024

Regular Booth | 10' X 10'

\$2,800 CAD* \$2,100 USD**
Returning exhibitors

\$3,400 CAD* \$2,500 USD** New exhibitors

Included:

- 1 power drop
- 8' high back wall
- 3' high side walls
- 6' skirted table with vinyl top
- 2 padded chairs
- Booth ID foam core sign 7" x 24"
- 2 Staff Exhibitor passes

Double Booth | 10' X 20'

\$4,000 CAD* \$2,950 USD**
Returning exhibitors

\$4,800 CAD* \$3,500 USD** New exhibitors

IIncluded:

- 1 power drop
- 8' high back wall
- 3' high side walls
- 2 6' skirted table with vinyl top
- 4 padded chairs
- Booth ID foam core sign 7" x 24"
- 4 Staff Exhibitor passes

Island Booth | 20' X 20 '

\$8,000 CAD* \$5,850 USD**

Included:

- •1 power drop
- 4 6' skirted table with vinyl top
- 8 padded chairs
- Waste basket
- Booth ID foam core sign 7" x 24"
- 6 Staff Exhibitor passes

Career Booth | 10' X 10'

\$2,800 CAD* \$2,100 USD**

Included:

- 1 power drop
- 8' high back wall
- 3' high side walls
- 6' skirted table with vinyl top
- 2 padded chairs
- Booth ID sign 7" x 24" on foam core
- 2 Staff Exhibitor passes

LEARN MORE >>>

Custom & Vehicle Booths

The event services team will work with you to create a custom installation for your booth. All options are on offer to make your booth the best it can be.

If you are hiring a third-party contractor to design & build your booth, make sure to contact us as soon as possible.

Please contact JonathanMurphy@gogeo.ca to discuss pricing.

Design your own booth!

With our flexible package, you have the freedom to be as imaginative and creative as you wish. This package allows you to start from scratch, offering a blank canvas for your unique vision. Our dedicated event services team is available to provide any extra services you may require.

For comparison, here are the rates for similar international events:

 Geo Week Denver: \$70 per square foot • InterGeo Germany: \$51 per square foot

A Glimpse of Recent Events

buildingSMART International - Asia Summit 2024

buildingSMART Hong Kong, China hosted the inaugural buildingSMART International Asia Summit from June 17-18, 2024. Developed in collaboration with the buildingSMART China Chapter, the event welcomed numerous Chapters from various economies, along with local attendees and participants from neighbouring countries, all focused on the topic of openBIM.

Accelerating openBIM Adoption for Smart Cities and Sustainability

The event's theme, "Accelerating openBIM Adoption for Smart Cities and Sustainability," featured a diverse range of topics, including "Why IFC," "Smart Cities and Sustainability," "Next Gen Thinking," and a "Government Symposium." Through a mix of keynotes, panels, and open discussions, the summit highlighted the value and benefits of openBIM. Speakers and attendees concurred that recent advancements in standards and services are significantly impacting and enhancing the industry.



Announcements from the Summit

- It was announced that Information Delivery Specification (IDS) v1.0 has reached final standard status. This approval marks a significant milestone in how openBIM workflows are defined and implemented and reflects a growing demand for more accurate and reliable data exchanges. <u>Learn more here.</u>
- Launch of new IDS and bSDD webpages to improve consistency and overall user experience.
- bSI announced that China Railway BIM Alliance (CRBIM) have committed to providing funding and support for the Strategic Project "Professional Certification". This important milestone will help to accelerate the development and provision of enhanced international training and certification for personnel working with openBIM standards and services.

buildingSMART Canada was present at the buildingSMART International Asia summit 2024 followed by the bSI Annual Industry Council Meeting and then the Chapter Council Conference. In this summit, Claudia Cozzitorto, president of buildingSMART Canada, shared **why openBIM is Integral to the Conversation in Canada**

buildingSMART Canada and the National Research Council of Canada explored successful international case studies and implementation of openBIM but the bSI community. This talk shares what has motivated the implementation of openBIM and why is it integral to the advancements within the built asset industry. This research has provided insights into how these global practices can inform and influence the Canadian roadmap for digital transformation in the built environment, highlighting benefits which include enhanced collaboration, interoperability, and efficiency across diverse project stakeholders. To do so an important step is to clearly articulate the strategic importance of integrating openBIM within the Canadian context to foster innovation, streamline project delivery, meet evolving industry demands, and move towards a more connected and efficient future.







International Council Conference and Chapter Leaders Conference 2024

This year the International Council Conference and Chapter Leaders Conference was a 3-day event following the 2 day Asia Summit in Hong Kong. buildingSMART International provided many updates, the chapters welcomed the new members of the board and new members of the nominations committee. We received updates on certification, standards, and many other projects currently underway. bSI will be releasing their Annual Report shortly which will be shared on our website.

The Chapter Leaders Conference is an annual event where the bSI Chapter leaders from around the world meet in person, with some attending virtually, to share insights, experiences, and best practices. The two days are active roundtable sessions fostering collaboration among international chapters addressing regional and challenges. discussed ways to enhance member engagement, improve knowledge dissemination, and promote the adoption of openBIM standards globally. The event provided a valuable opportunity for networking and aligning goals to drive the digital transformation of the built environment. bSC obtained valuable feedback and ideas we hope to implement soon.







Geolgnite 2024 | Ottawa

This past May, Geolgnite 2024 was held in Ottawa, a premier conference that spanned from May 13th to 15th, bringing together leaders and trailblazers from the geospatial sector. Geolgnite has established itself as a groundbreaking event, going beyond the traditional scope of Canadian geospatial conferences showcase the future to landscape and emerging location technologies.

The 2024 program was particularly notable for its focus on digital transformations on a global scale. Participants had opportunity to gain valuable updates on the technologies, innovations. latest disruptive enterprises shaping the industry. bSC members shared their insights on both openBIM and geospatial technologies, offering a comprehensive overview of current trends and future directions.





On the second day of the event, bSC leaders and directors presented and discussed their insightful findings about the integration of BIM and GIS, as well as new technologies for a digital future.

Claudia Cozzitorto, President of bSC, presented on "The Synergies of BIM and GIS," exploring how these two technologies can work together to enhance project outcomes. Cozzitorto emphasized the importance of integrating spatial and building information to improve decision-making processes and project efficiencies. Her presentation delved into case studies showcasing successful implementations and the benefits realized from such integrations.

Patrik Lalonde's presentation, "Advancing Drones in Construction," highlighted the transformative role of drone technology in the construction industry. Lalonde discussed the advancements in drone capabilities, including improved data capture, real-time monitoring, and enhanced safety protocols. He also provided examples of how drones are being used to streamline construction workflows, reduce costs, and improve project accuracy and timelines.

Erik Poirier's talk on "Enabling Information Continuity across BIM-GIS Domains: a bSI-OGC Strategic Roadmap" focused on the strategic roadmap developed by buildingSMART International (bSI) and the Open Geospatial Consortium (OGC) to ensure seamless information continuity between BIM and GIS domains. Poirier discussed the technical and organizational challenges that need to be addressed to achieve this goal and outlined the steps being taken to foster better collaboration and data integration across these fields.



Professional Certification

The rapid global adoption of Building Information Modeling (BIM) presents obstacles related to terminology, competency, and consistency. To address these challenges, buildingSMART Canada champions buildingSMART International (bSI) openBIM® standards and provides the bSI Professional Certification program as a benchmark for BIM proficiency. This program benefits professionals, employers, and client organizations within the built asset industry by fostering transparency and maintaining consistency.

The Professional Certification Program supports the standardization of openBIM® training, advocates for international best practices, and raises awareness about buildingSMART and its innovative solutions.



Learn more about professional certifications



The Entry level introduces open standards and openBIM concepts in a simple, clear and straightforward matter. It is aimed at working professionals and students in the built asset industry who have little or no experience with BIM. This program offers free online educational resources (self-paced training) and a free 5-question online exam managed on this website. This exam will be launched in 2024.



The Foundation level addresses the needs of individuals operating at a basic level. The training helps building owners, designers, consultants, builders and project managers understand the opportunities collaboration within a virtual, openBIM environment offers.



Management level is aimed at industry professionals involved in the management of digitally empowered projects. It provides fundamental knowledge and insight at strategic and operative levels, without descending into technical detail.

Upon successful completion of the training, the participant can undertake the online exam to become buildingSMART certified.

A huge milestone in bSC Foundation Certification!

bSC has already conducted three exams, resulting in 100 individuals achieving Foundation certification.

We are very proud of the 100 Canadians who have achieved this milestone. Your dedication to advancing BIM and openBIM in the industry sets you apart as leaders and pioneers.

This certification is not just a personal achievement but a leap forward for the built asset industry in Canada. Congratulations to the first 100 certified individuals in Canada! Here's to leading the way in shaping the future of our industry. You are now part of an elite global community driving innovation and sustainability in the built environment.

Join the buildingSMART Professional Certification Program and stand out as a certified expert in the field of openBIM.

If you're interested in learning more about certification program

Learn More

If you're interested in participating in a course led by certified providers from bSC, kindly fill out the course waitlist form.

Book Training

Welcome i7 as the first bSC Professional Certification provider

We are pleased to welcome Innovation Seven - T.I.7 Inc. as the first bSC Professional Certification Provider in Canada! Innovation Seven - T.I.7 Inc. is leading the way in the AEC sector by offering the courses for Professional Certification - Foundation level. This marks a significant milestone as they are the first provider in Canada to offer these important training resources.

Unlock the potential of openBIM with comprehensive training that supports standardization, promotes best practices, and raises awareness about innovative solutions in the built asset industry.



Learn more

Benefits for Training Providers Offering bSI Certification Courses:

- 1. Global Visibility: Highlighting your courses to a worldwide audience and increasing your global reach.
- 2. Worldwide Client Access: Benefit from the influx of clients from all over the world, as anyone can register for training in Canada following bSI rules.
- 3. Seamless Implementation: Implement an easily adaptable program built on the standardized building SMART framework curriculum.
- 4. Quality Recognition: Gain accreditation for your openBIM courses, meeting the rigorous quality standards set by buildingSMART International.
- 5. Online Exam Platform: Utilize the international online platform for streamlined and convenient examinations.
- 6. Efficient Certification: Upon successful verification, receive automated issuance of internationally recognized buildingSMART certificates.
- 7. Credibility: Promote your course as "buildingSMART listed/recognized," enhancing its credibility and appeal to learners.

If you wish to become a Provider, please complete Provider Registration Form Here

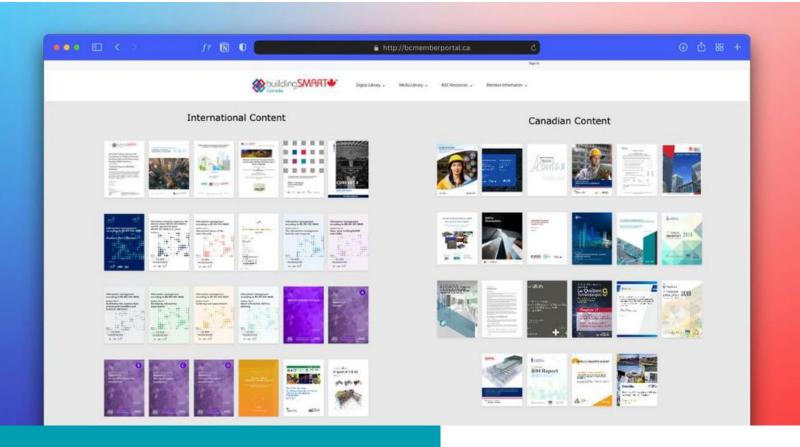
buildingSMART Canada's Digital Library is Here!

buildingSMART Canada (bSC) has actively listened to its members' calls for more accessible information and resources. In our commitment to meet this need, we've closely examined successful strategies from other buildingSMART International (bSI) chapters. Inspired by these insights, we are excited to announce the launch of the bSC Digital Library.

This exclusive platform is a gateway to a vast array of digital resources. Members will have access to the latest publications, essential documents and certifications, insightful videos, newsletters, and engaging podcasts tailored specifically for our community.

By becoming a member, you gain access to a wealth of information right at your fingertips. Our Digital Library is designed to enhance your knowledge, support your professional development, and keep you informed about the latest industry trends and standards.

Join bSC today, log in to the Digital Library, and explore, discover, and share the comprehensive resources available to you. Embrace this opportunity to stay ahead in the ever-evolving world of building information modeling (BIM) and digital construction.



More Multimedia contents!

Digital Media page offers an expansive collection of videos and podcasts, covering a wide range of topics from BIM and openBIM to International standards and beyond.

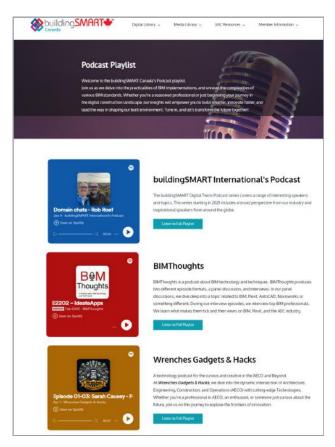
The MultiMedia page is your go-to source for a diverse array of informative and engaging content. It features a comprehensive collection of videos and podcasts that delve into a wide range of topics, including BIM, openBIM, and international standards, among others.

Free Digital Toolkits and Manuals

Unlock exclusive access to a variety of documents that were previously available for purchase but are now free for all members through our Digital Library. This includes essential toolkits, comprehensive Canadian manuals for BIM, and contract language documents.

With our Digital Library, you can now access a wealth of valuable resources at no additional cost. These documents, which were once behind a paywall, are now freely available to all members, reflecting our commitment to providing accessible information and resources to our community.

Among the offerings, you'll find essential toolkits designed to streamline your workflows and enhance your BIM practices. The comprehensive Canadian manuals for BIM provide in-depth guidance and best practices tailored to the specific needs of the Canadian market. Additionally, our contract language documents are crucial for ensuring clear and effective communication in your projects, helping you navigate the legal and contractual aspects of BIM implementation with confidence.





Become a member

buildingSMART Canada's memberships are separated into six tiers: **Partnerships, Strategic, Industry Council, Initiative, Individual, and Volunteers**. By joining, all membership tiers will receive 25% off for store purchases and have access to all online documents.



Partnerships are an ongoing opportunity where the relationship is connected to achieve mutually beneficial goals outlined in a memorandum of understanding between the organizations.



Strategic Members are organizations interested in supporting the objectives of bSC to drive the adoption of BIM and openBIM standards. They will be assigned to the bSC Board of Directors liaison and may suggest resource development opportunities to the Board of Directors for consideration.



Industry Members are Government, Associations, and Industry stakeholders interested in driving the adoption of BIM through real-world project collaboration; they will receive opportunities to propose projects and research efforts within the National Infrastructure Council (NIC) and serve on a national organization of BIM industry professionals.



Initiative Members are companies and organizations supporting the adoption of BIM in the digitalization of the Canadian built asset industry, where they will receive company logo recognition on the bSC website, advanced access to bSC events, and BIM networking opportunities.



Individual Members are those interested in the development of BIM and participating in a professional association to gain knowledge on BIM domain expertise. Benefits of this category include gaining membership credentials and advanced access to bSC events.

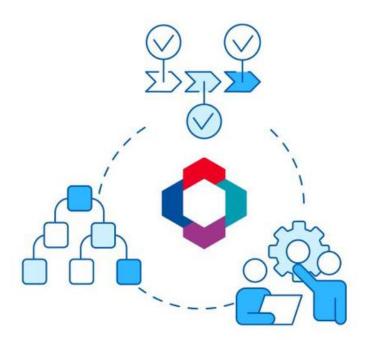


Volunteers are those who wish to contribute their time and support to serving on operational boards within bSC on an annual basis.

For more information, visit: buildingsmartcanada.ca/members.

Information Delivery Specification (IDS) v1.0 is Approved as a Final Standard

buildingSMART International is pleased to announce that Information Delivery Specification (IDS) v1.0 has reached final standard status. This approval marks a significant milestone in how openBIM workflows are defined and implemented and reflects a growing demand for more accurate and reliable data exchanges.



DS is a standard for defining information requirements in a way that is easily read by humans and interpreted by computers. It allows for automation for end-users and creates clarity, confidence and consistency. With this standard, you can specify what data must be included in a BIM dataset and subsequently validate if it is delivered. It is designed as a free, lightweight, standardised approach to delivery specification and subsequent checking as intended in ISO 19650. Traditionally, information requirements are shared in ways that are not computer-interpretable, such as spreadsheets or PDFs – and it is very difficult for the right people to access the data relevant to them for a particular situation or work item.

IDS is an important component in the strategic and technical roadmaps of buildingSMART. IDS helps all stakeholders in our industry to clearly specify the information needs without ambiguity, so the checking procedures can be automated.

buildingSMART International Summit – Morocco 2024 (Oct 1 to Oct 3)

Join us at our first-ever African summit – a groundbreaking moment in digital transformation!

<u>Click to Register</u>



The next buildingSMART International Summit will take place in Marrakesh, Morocco, from 1st – 3rd October, 2024. This will be the first summit in Africa, connecting global professionals with experts in Morocco and neighbouring countries – a unique event that is the only one of its kind dedicated to openBIM! Join the buildingSMART community and discover how standards and services such as IFC 4.3, IDS, Validation Service, and bSDD are making a real difference to how the built environment can thrive.

With the formal approval and publishing of standards and services in 2024, such as IFC 4.3 and IDS, the industry has evolved, providing access to a wealth of openBIM workflows. These advancements bring tangible benefits to end users, fostering clarity, confidence, and consistency. They also demonstrate how openBIM is instrumental in achieving sustainability goals and enhancing productivity in the sector. This summit is a prime opportunity to delve into the practical applications of the latest standards and services, reaffirming the importance of openBIM.

In another first, the buildingSMART International Summit will be organized and take place in conjunction with CIB W78 – a long standing commission of CIB (International Council for Research and Innovation in Building and Construction) with a focus on IT in Construction.

buildingSMART International openBIM Awards 2024

The openBIM Awards are an opportunity for organizations to showcase their application of buildingSMART open standards and solutions to benefit the delivery of their project, along with the improvements this is leading to in the performance and sustainability of their business, across asset delivery or operations

Industry experts from Canada will join the jury panel and evaluate the following award categories worldwide:

- Design for Buildings
- Design for Infrastructure
- Construction for Buildings
- Construction for Infrastructure
- Handover
- Facilities Management
- Asset Management
- Research excellence (Professional and Student)
- Technology Solution

Click here to learn more



The Future of Construction: Automation, Offsite & Field Technology II (August 13-14, 2024) - Hyatt Regency Downtown, Toronto (ON)





View Full Agenda

Register Here



We are excited to announce that buildingSMART Canada will be prominently featured at the upcoming conference. Join us as we lead several key sessions that present the latest advancements in openBIM and its impact on digital transformation. Our experts will be on hand to share insights and innovations, making our sessions an essential part of the conference.

bSC will be present in the following sessions:

- Session 1 The Global and National Impact of openBIM
- Session 2 openBIM A Technical Overview
- Session 3 Panel: The Impact of Standards and National Mandate

Don't miss this opportunity to connect with bSC and gain valuable knowledge that will drive your projects forward.

Call for Participation

Nominations Committee Member



The bSC Nominations Committee is seeking one (1) active bSC member to join the committee for the 2024 selection process.

The committee is charged with collecting, vetting and recommending nominees to the Board of Directors. The list of recommended nominees must be aligned with vacancy, selection, and special criteria established by the Board.

The committee meets online periodically as needed leading up to the Annual General Meeting (AGM) where a call to vote takes place with the bSC membership at large.

if you are interested in participating on the Nominations

Committee, please contact

nominations@buildingsmartcanada.ca

no later than Friday, July 12, 2024.

Call for Papers

Empowering Digitalization in the Canadian Built Asset Industry



buildingSMART Canada is now offering an opportunity for its members and the broader community to contribute their expertise, knowledge, and experiences of their implementation of openBIM standards on Canadian projects. We invite insights and case studies by bSC members to showcase openBIM's implementation in their organization, its impact on workflows, and its role in advancing industrial practices. We are a community that is learning from each other, driving the adoption and implementation of openBIM requires a group effort.

To participate download the openBIM whitepaper template and submit your case study here

Let's collaboratively shape the future of the Canadian built asset industry. Your insights and expertise can help drive innovation and efficiency in our digital workflow.

We look forward to your valuable contributions!

Affiliates

buildingSMART Canada's affiliate program connects local and regional BIM communities from across the country. United by their goal to build and strengthen the Canadian community for a better built environment, the affiliates help support innovative project delivery practices based on openBIM standards.



Don't forget to engage with your local Affiliate

Thank-you to our supporting Members



IBI GROUP























PROCTOR GLOBAL DESIGN























Public Services and Procurement Canada Services publics et Approvisionnement Canada





Défense nationale National Defence

NEWSLETTER SUMMER

Want to stay up to date with bSC?

Sign up for our newsletter

