



**ASHB**

Intelligent Buildings Council

**ASHB Intelligent Buildings Council (IBC)  
Draft Meeting Minutes**

Thursday, February 27, 2025

12 NOON - 1:30 PM (ET) via Webinar

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**IBC Executive:**

IBC Chair, Bob Allan (NAVCO, Inc.)

IBC Vice-Chair, Chris Larry (Exp US Services Inc.)

IBC Vice-Chair, Harsha Chandrashekar (Honeywell International Inc.)

IBC Vice-Chair, Robert Lane (Robert H. Lane & Associates Inc.)

**Present:**

ABB, Inc., Julie Petrone

Adaptive Networks, Inc., Michael Propp

AEP CONSULTING, Fadwa Sougrati

Aircuity, Inc., Dan Diehl

Albireo Energy, Dennis Kapulka

Albireo Energy, Lisa Hawkins

AMI Services Inc., Krzysztof regula

Basepoint, Colin Stong

Basepoint Building Automations, Mark Barbeau

Basepoint Building Automations, Jeff Levine

Basepoint Building Automations, Devon Nachtman

Basepoint Building Automations, Drew Vanderheiden

Basepoint Building Automations, Jacob Weathermon

Basepoint Building Automations, Joshua Maker

BCM Controls Corporation, Steve Feinberg

Belimo Americas, Randi Ross

BIG - Building Intelligence Group, Ben Disney

BOMA Canada, Jacques-Yves Bouchard

Building Commissioning Association (BCA), Andrew Gledhill

Centennial College, Arun Hor

Centennial College, Kolarith Khieu

Centennial College, Keyvan Ghazaie Alamdari

Centennial College, Ali Moradkhani

Cochrane Supply & Engineering, Brian Oswald

Contemporary Controls Systems, Inc., Bennet Levine

Control Services, Inc., Tyler Glesne

Control Services, Inc., Marvin Burbach

Daikin Applied Americas Inc., Dave Gaebel

Daikin Applied Americas Inc., John Marden

Daikin Applied Americas Inc., John Nelson  
Daikin Applied Americas Inc., Luis Duarte  
Daikin Applied Americas Inc., Michael Lyga  
Daikin Applied Americas Inc., Mindi Jimenez  
Daikin Applied Americas Inc., Brian Hesse  
Delta Intelligent Building Technologies Inc., Kurt Graves  
Delta Intelligent Building Technologies Inc., Dave Stephen  
DesignLights Consortium, Levin Nock  
DesignLights Consortium, Stuart Berjansky  
Distech Controls Inc., An Acuity Brands company, Efren Marquez  
Eaton Corporation, Thomas Domitrovich  
Electro-Federation Canada, Maryna Kalnoochenko  
ENE Systems, Michael Saracco  
ENE Systems, Dennis Tague  
Environmental Systems Co. (ESC), Chris Synakowski  
Environmental Systems Co. (ESC), Jeremy Lewos  
Environmental Systems Co. (ESC), Mitch Zawacki  
Euromonitor International, Sara Rovai  
Functional devices , Matt Long  
Functional Devices, Inc., Matthew Long  
Google, Thang N  
Grand Valley Automation, Josh Lubbers  
Honeywell International, Inc., Brad Hill  
Honeywell International, Inc., Scott Lang  
inControl, Inc., Rob Spinella  
International Facility Management Association (IFMA), Angie Dyson  
Ken Wacks Associates, Kenneth Wacks  
Legrand North America, Shana Longo  
MCMI, Brian Reetz  
MCMI, Michael Simpson  
National Research Council Canada (NRC), Farid Bahiraei  
NEXTIVITY, Brian Ensign  
Nextivity, Brian Ensign  
NIST (National Institute of Standards & Technology), Amanda Pertzborn  
OZZ Electric, Inc., Stewart Paterson  
Precision Controls, Aaron Still  
Schneider Electric, Brad Bonfiglio  
Schneider Electric, Christina Tang  
Schneider Electric, Keith Waters  
Schneider Electric, Virginia Tanning  
Schneider Electric, Wayne Stoppelmoor  
Schneider Electric, Greg Vlassopoulos  
Schneider Electric, Manny Bonilla  
Schneider Electric, Gregory Coates  
Schneider Electric, Jeremiah Cope  
Schneider Electric, Duane Keenan

Schneider Electric, greg peterson  
Schneider Electric, Lisa Scholl  
Schneider Electric, Marlene Stone  
Schneider Electric, Carissa Thompson-Snow  
Schneider Electric, Nelida Areias  
Schneider Electric, Stacy Kimbell  
Schneider Electric, Marcus Lewis  
Schneider Electric, KC Onyejeli  
Schneider Electric, Frank Yoder  
SDi Fire, Rick Heffernan  
Seneca Polytechnic , Filimon Tsionas  
Siemens Industry, Inc., Bonnie Brook  
Siemens Industry, Inc., James Burroughs  
Siemens Industry, Inc., Michael Brook  
Siemens Industry, Inc., Paul Pelczynski  
Siemens Industry, Inc., Richard Rivera  
Siemens Industry, Inc., Joe McCormack  
Signify, Piotr Polak  
SNE Building Systems, Byron Bailey  
Streamside Solutions, Dwight Stewart  
Sustainable Resources Management Inc., David Katz  
The Baker Group Automation, Russell Zimmerman  
The Chicago Faucet Company/Geberit Group, Greg Hunt  
The Chicago Faucet Company/Geberit Group, Richard Nortier  
Trane Technologies, Eric Facy  
Tridium, Inc., Nicole Love  
Veridify Security, Inc., Harry Ostaffe  
Watts Water Technologies Inc., Jay Vath  
Watts Water Technologies Inc., Scott Olsen  
Wharton County Junior College, JB Groves III  
WiredScore, Will Brouwer

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1. **Agenda** – Marta Klopotoska (ASHB)

Marta Klopotoska thanked everyone for attending, outlined the agenda, and alerted everyone that the meeting was being recorded and would be made available to the industry.

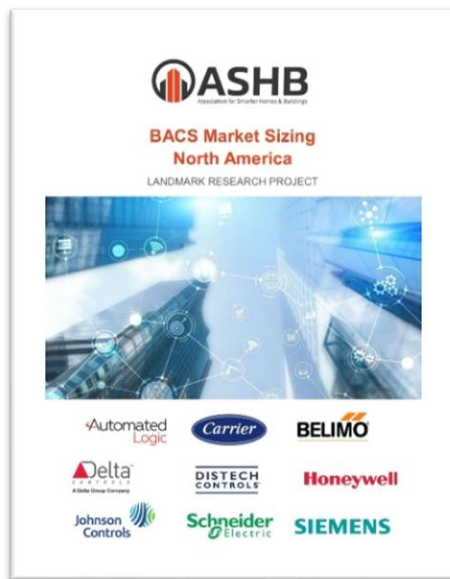
2. **Call to Order, Welcome, and Introduction** – Bob Allan (NAVCO)

Bob Allan (IBC Chair) welcomed all attendees, provided an overview of the IBC, and introduced the IBC Vice-Chairs: Harsha Chandrashekar (Honeywell International, Inc.), Robert Lane (Robert H. Lane and Associates, Inc.), and Christopher Larry (Exp US Services Inc.).

3. **Administrative** – Bob Allan (NAVCO)

Bob Allan informed everyone that the November 7, 2024 IBC meeting minutes were circulated and posted on the ASHB Website in the IBC section: [CLICK HERE](#).

4. **Research Update** – Harsha Chandrashekar (Honeywell International Inc.) & Greg Walker (ASHB)



**2025 IBC Landmark Research – Smart Building Trends & Technology Adoption**

Harsha Chandrashekar (Honeywell International Inc.) gave a brief overview of Landmark Research Project titled Smart Building Trends & Technology Adoption. This project has garnered support from 13 funders thus far, and ASHB expresses sincere gratitude for their invaluable support and guidance. An RFP went out to ASHB member research firms early this year leading to the selection of Harbor Research. The research will survey 300 Building Owner Operators in Canada and USA and will cover key topics/opportunities to gain an annual perspective of operator needs/outlook. It is essential to note that these projects, collectively valued at approximately \$80K USD, will have an exclusive release to the project's funders.

There are two distinct funding tiers: Bronze, priced at \$5K, which grants access to the research findings, and Silver, priced at \$10K, enabling participation in the Steering Committee and shaping of the project's direction. For those interested in joining this initiative, please do not hesitate to reach out to us at [admin@ashb.com](mailto:admin@ashb.com).



**Annual BACS Market Sizing North America**

Greg Walker gave a brief overview of this annual, invitation-only, market sizing study focusing on building automation control systems. The project continues in 2025 and has expanded to additional field devices. Nine (9) ASHB members have agreed to fund and participate in this research project:

5. **Keynote: Cybersecurity Best Practices, Safeguarding Your Network and Building Systems** – Robert Lane (Robert H. Lane & Associates Inc.) & Brad Bonfiglio (Schneider Electric)



**Description:** Cybersecurity breaches in building control systems or sensitive data can result in significant regulatory penalties, disrupt core operations, and damage business reputations, eroding consumer, employee, and investor trust. To harness the full potential of Smart Building technologies while mitigating cybersecurity risks, it is essential for building owners, operators, and occupants to adopt a new approach to designing and managing intelligent building control systems.

Brad Bonfiglio, National Director, Consultant Solution Architects at Schneider Electric, explores a practical, standardized framework to secure both existing and new building control systems, empowering IoT-connected Smart Buildings to thrive in a secure environment.

Keynote Contact: Brad Bonfiglio, [brad.bonfiglio@se.com](mailto:brad.bonfiglio@se.com)

6. **ASHB Podcast** – Chris Larry (Exp US Services Inc.)

Chris Larry outlined ASHB's Podcast series on [Spotify](#) and [Apple Podcasts](#). ASHB's most recent recordings released focused on AI's impact on smart buildings, the evolution of fire safety technologies, and collaborative efforts in solar energy. Contact ASHB to learn how to participate as a guest or host on a future episode [admin@ashb.com](mailto:admin@ashb.com).

7. **ASHB Whitepapers & Members Library** – Ken Wacks (Ken Wacks Associates)

An overview was given of the IBC White Paper review process, completed IBC White Papers and papers in progress. IBC White Papers are secondary literature review articles that are approximately 10-20 pages in length. These papers are written and distributed free of charge to inform the industry. For the papers to be approved by the IBC White Paper Sub-Committee (WPSC), they must have significant technical material of relevance to IBC members. They must not contain marketing material or promote an agenda. Any ASHB member can and is encouraged to complete the [white paper proposal](#) on the ASHB website.

All completed and approved ASHB White Papers are placed in the ASHB Public Library, Members Library, ASHB NewsBrief, ASHB Twitter Feed, and ASHB LinkedIn Group and promoted at industry events. To view the IBC White Paper terms of reference, previous

IBC White Papers, and additional information, please go to: [www.ashb.com/whitepapers](http://www.ashb.com/whitepapers).

IBC White Paper Sub-Committee:

- Ken Wacks Associates, Kenneth Wacks
- Consultant, Steve Samson
- Frost & Sullivan, Dilip Sarangan
- National Research Council Canada (NRC), Heather Knudsen
- Sustainable Resources Management Inc., David Katz

The ASHB Research Library is a valuable resource offering in-depth insights into the latest trends, technologies, and best practices in smarter homes and buildings. Members gain exclusive access to industry-leading research, whitepapers, and reports covering topics like IoT, AI, cybersecurity, energy management, and more. Non-members can explore select content. This library serves as a knowledge hub for professionals looking to stay ahead in the rapidly evolving smart building and home automation industries. To learn more visit [www.ashb.com/ashb-library/](http://www.ashb.com/ashb-library/).

**8. ASHB Journal - Ken Wacks (Ken Wacks Associates)**

Ken Wacks presented the ASHB Journal and urged all attendees to contribute their articles for consideration. If you're interested in submitting a proposal or an article, you can reach out to [admin@ashb.com](mailto:admin@ashb.com) or [kenn@alum.mit.edu](mailto:kenn@alum.mit.edu).

**9. Other Business – Bob Allan (NAVCO)**

Bob Allan called for new business related to future IBC Guest/Keynote presentation topics and speakers, new IBC White Papers, new research projects and meeting ideas, etc.

David Katz (Sustainable Resource Management) provided an update from the recent AHR Expo, highlighting the strong presence of building automation and informative educational sessions, including some featuring ASHB. He suggested revisiting the topic of indoor air quality (IAQ) in light of ASHRAE Standard 241, which focuses on IAQ testing and improving building health. With more employees returning to workplaces, a severe flu season, and ongoing COVID concerns, there is an opportunity to explore how ASHB and ASHRAE can support members in addressing IAQ challenges. David noted that ASHRAE Standard 241 is now available for purchase and encouraged further discussion on its scope and potential applications.

**10. Announcements – Harsha Chandrashekar (Honeywell International Inc.)**  
**Upcoming Events**

[IFMA World Workplace](#) - March 12-13 | Netherlands

[DISTRIBUTECH - March 24-27 | Dallas, TX](#)

[ISC West](#) - March 31-April 4 | Las Vegas, NV - ASHB is attending

[LightFair](#) - May 4-8 | Las Vegas, NV - ASHB is attending and has a booth at the show.

[Haystack Connect](#) - May 6-8 | Washington, DC - ASHB is attending and has a booth at the show.

[Controls-Con](#) - May 8-9 | Detroit, MI - ASHB is attending and has a booth at the show.

[Realcomm IBcon](#) - June 20-21 | Tampa, FL - ASHB is attending and has a booth at the show.

**11. Adjournment** (1:30 PM ET) – Bob Allan (NAVCO)

The next IBC Meeting will be held in May 2025.

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ASHB IBC meetings are open to ASHB Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the IBC, past minutes, participants, and terms of reference. Any ASHB Member that attended as a guest will be added to the IBC unless they notify the ASHB office by March 10, 2025, that their name should not be added. Non-ASHB members that attended this meeting as a guest, should contact ASHB at [admin@ashb.com](mailto:admin@ashb.com), to indicate if they wish to join the IBC or ASHB. [CLICK HERE](#) for more information on the ASHB Benefits and please circulate them to others in your organization.

Regards,

Greg Walker, CAE

CEO

Association for Smarter Homes & Buildings (ASHB)

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Phone: 613.518.6742

Web site: [www.ashb.com](http://www.ashb.com)

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