



**CABA Connected Home Council (CHC)  
Draft Meeting Minutes**  
Thursday, December 2, 2021  
12 NOON – 1:30 PM (ET) via Webinar

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**CHC Executive:**

CHC Chair, Eric Harper (Snap One)  
CHC Vice-Chair, Jim Hunter (Delos Living LLC)  
CHC Vice-Chair, Byron BeMiller (Semtech Corporation)  
CHC Vice-Chair, Charles Hume (Southwire Company, LLC)

**Present:**

AI Shading, Catherine Chow  
AKM Semiconductor, Inc., Carl Bengtsson  
Arrowhead School District, Kevin Lipscomb  
BC Hydro, Michael Li  
Bedrock Learning, Inc., Helen Heneveld  
BitStream Communications, Charles Baldwin  
CABA, Greg Walker  
CABA, Marta Klopotoska  
Cardinal Peak, Patrick French  
CEDIA, Walt Zerbe  
CMG Consulting LLC, Andres Carvallo  
CommScope, Inc., Jane Bradshaw  
CSA Group, Parag Phalak  
EnergyPal, Sfirloaga Ovidiu  
ERG Energy Efficiency, Michael Dabbene  
Frost & Sullivan, Maurice Okawaki  
FulTech Solutions, Inc., Dan Fulmer  
Grundfos Holding A/S, Vinay Varne  
Honeywell International Inc., Sathish Nanjappa  
Horizon Technologies Inc., Ludo Bertsch  
International Corporate Expansion (ICE) / XME.digital, David LaMarche  
Johnson Controls Inc., Arun Veda  
Ken Wacks Associates, Kenneth Wacks  
Legrand North America, Pete Horton  
Multi-Tech Systems, Inc., Dan Quant  
National Research Council Canada (NRC), Cal Koskovich  
Parks Associates, Elizabeth Parks  
Siemens Industry, Inc., William Vargo

## **CHC Meeting AGENDA**

### **1. Agenda** - Greg Walker (CABA)

Greg Walker (CABA) thanked everyone for attending, outlined the agenda and alerted everyone that the meeting was being recorded and will be made available to the industry.

### **2. White Paper Sub-Committee Update** - Ken Wacks (Ken Wacks Associates)

An overview was given of the CHC White Paper review process, completed CHC White Papers and papers in progress. CHC 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 CHC White Paper Sub-Committee (WPSC), they must have significant technical material of relevance to CHC members - they must not contain marketing material or promote an agenda. Any CABA member can and is encouraged to complete the new one (1) page White Paper proposal template and submit it to [klopotowska@caba.org](mailto:klopotowska@caba.org).

Published CABA White Papers are shared via the CABA Public Library, Members Library, CABA NewsBrief, CABA Twitter Feed, CABA LinkedIn Group and promoted at industry events. To view the CHC White Paper terms of reference, previous CHC White Papers and additional information, please go to: [www.caba.org/chc](http://www.caba.org/chc). All papers — completed and in-progress — can be found at: [www.caba.org/whitepapers](http://www.caba.org/whitepapers).

If you or someone that you know would like to join one (1) or more of the following White Paper Working Groups or recommend a new White Paper, please contact Marta Klopotowska (CABA) at [klopotowska@caba.org](mailto:klopotowska@caba.org).

### **CHC White Paper Sub-Committee (WPSC)**

- Ken Wacks Associates, Kenneth Wacks (CABA Whitepaper Chair)
- Frost & Sullivan, Konkana Khaund
- LumenCache, Inc., Derek Cowburn
- National Research Council Canada (NRC), Heather Knudsen

## 2.1 Recently Completed:

### **“Benefits of Advanced Lighting Systems on the Human Experience: Human Centric Lighting and Controls”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and listed the organizations who were part of the working group.

- exp. US Services, Inc.
- Ken Wacks Associates
- Snap One LLC
- Springs Window Fashions/Mecho

### **“The Commercialization of LiFi”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and highlighted those in the Working Group.

- Wharton County Junior College (Chair)
- BKS Digital Connectivity Solutions
- Control4
- CRANTEC
- sinilux
- Du
- GETAC
- Ken Wacks Associates
- Li-Fi LED CI
- National Electrical Manufacturers Association (NEMA)
- Nav Wireless Technologies Pvt. Ltd.
- Nokia
- Orange
- PureLiFi
- Quantum-Resistant Crypto (QRCrypto SA)
- Telecommunications Industry Association (TIA)
- University of Strathclyde

## 2.2 In Progress:

### **“Part 2: Power over Ethernet (PoE) & Digital Electricity (DE) in Commercial and Multiple Dwelling Residential Buildings”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and outlined the Working Group:

- Sinclair Digital Holdings (Chair)
- Axis Lighting
- Contemporary Controls Systems, Inc.
- Ken Wacks Associates
- LumenCache, Inc.
- National Electrical Manufacturers Association (NEMA)
- National Research Council Canada (NRC)
- Public Services and Procurement Canada
- Renesas Electronics America Inc.
- Somfy Systems, Inc.
- Southwire Company, LLC

- Telecommunications Industry Association (TIA)
- UL LLC

### **“Connected Home Cybersecurity Regulations”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper and the organizations within the Working Group

- P.A.ID Strategies (Chair)
- AgeLight LLC
- BC Hydro
- exp. US Services, Inc.
- LonMark International
- Mission Critical Global Alliance (MCGA)
- National Research Council Canada (NRC)
- Smart Buildings SuperCluster (SBSC)
- Sustainable Resources Management Inc.
- TwelveDot Inc.
- UL LLC

### **3. Call to Order, Welcome and Introduction, about the CHC – Eric Harper (Snap One)**

Eric Harper (Snap One) welcomed everyone and introduced: CHC Vice-Chair, Jim Hunter (Delos Living LLC), CHC Vice-Chair, Byron BeMiller (Semtech Corporation), CHC White Paper Sub-Committee Chair Ken Wacks (Ken Wacks Associates). Eric also outlined the role of the CHC.

### **4. Administrative – Eric Harper (Snap One)**

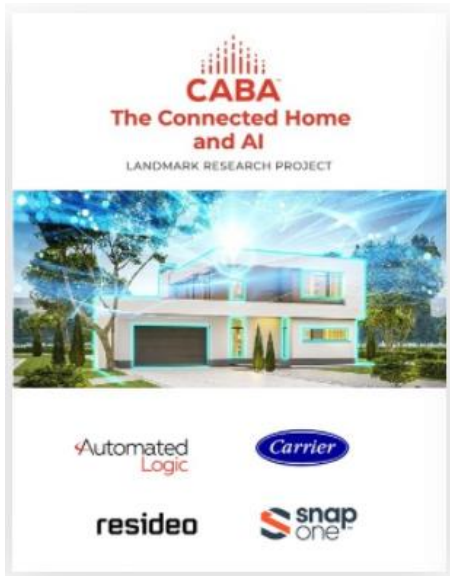
#### **4.1 Motion to approve Past CHC Minutes**

Eric Harper (Snap One) informed everyone that the September 30 CHC meeting minutes were circulated and posted on the CABA Web site in the CHC section: [CLICK HERE](#). In addition, the CHC terms of reference, members and recorded presentations are also found [HERE](#).

Motion to approve the September 30, 2021, CHC minutes was moved by Arun Veda (Johnson Controls Inc.) and the motion was seconded by Jim Hunter (Delos Living LLC). Unopposed motion carried.

5. **Research Update** – Greg Walker (CABA)

**“The Connected Home and AI” 2021 CHC Landmark Research**



Greg Walker (CABA) gave a brief overview of how the CABA Board selected the 2021 CHC Landmark Research Project, “The Connected Home and AI”. With this project, only the funders will receive the full \$60,000 of research but the Executive Summary will be made available to CABA Members. Greg mentioned that the CHC is actively seeking funders for this research and outlined the funding levels (starting at \$5,000).

Five (5) CABA member Funders (One (1) silent funder), have already joined this research project:



## 6. **New Business** – Eric Harper (Snap One)

### 6.1 Other new CHC business

Eric Harper (Snap One) made a call for new business related to future CHC Guest/Keynote presentation topics and speakers, new CHC White Papers, new research projects and meeting ideas, etc.

## 7. **CHC Webinar**

Prior to the scheduled webinar, Ken Wacks (Ken Wacks Associates), gave a brief overview of his work with the CTA (Consumer Technology Association) and their cybersecurity for the connected home initiatives. Ken also answered questions on the topics discussed.

**“Cybersecurity for the Smart Home – Using CTA Cybersecurity White Paper and Online Tool” (30 min)** – Jim Hunter (Delos Living LLC) (Moderator), Dan Fulmer (Fultech Solutions, Inc.)



Dan Fulmer  
CEO & Founder



**Description:** Dan Fulmer presents the cybersecurity white paper/checklist/online tool developed during his tenure as vice-chair of the CTA’s Smart Home Division and now used by industry members worldwide. It might just save your clients from malicious hackers...and even potentially some liability.

### **Contact Information:**

Dan Fulmer [dfulmer@fultechsolutions.com](mailto:dfulmer@fultechsolutions.com)

### **Source Links:**

[“Home Security Checklist Online Tool”](#) & [“Connected Home Security Whitepaper”](#)

**8. Announcements** – Eric Harper (Snap One)

**8.1 Past Events Overview**

[Greenbuild](#) - September 21-23 | San Diego, CA USA

[LightFair](#) - October 25-29, 2021 | New York, NY USA

**8.2 Current Events**

[The Buildings Show](#) - December 1-3, 2021 | Toronto, ON Canada

**8.3 Upcoming Events**

[CES 2022](#) | January 5-8, 2022 | Las Vegas, NV USA

[CONNECTIONS Summit at CES 2022](#) | January 5, 2022 | Las Vegas, NV USA

**9. Adjournment** (1:30 PM ET) – Eric Harper (Snap One)

Next CHC Meeting will be mid-February 2022, the exact date will be announced shortly.

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CABA CHC meetings are open to CABA Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the CHC, past minutes, participants, and terms of reference. Any CABA Member that attended as a guest will be added to the CHC unless they notify the CABA office by December 13, 2021 that their name should not be added. Non-CABA members that attended this meeting as a guest, should contact Marta Klopotoska at [klopotoska@caba.org](mailto:klopotoska@caba.org), to indicate if they wish to join the CHC or CABA. [CLICK HERE](#) for more information on the CABA Benefits.

Regards,

Greg Walker, CAE

CEO

Continental Automated Buildings Association (CABA)

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