CABA Connected Home Council (CHC)
Draft Meeting Minutes
Friday, Oct 26, 2018
12 NOON – 1:30 PM (ET) via Webinar

CHC Executive:
CHC Chair, Jay McLellan (Leviton Manufacturing Co., Inc.)
CHC Vice-Chair, Obiorah Ike (ABB Inc.)
CHC Vice-Chair, Roy Perry (Alarm.com)

Present:
ABB, Inc., Obiorah Ike
Adaptive Networks, Inc., Michael Propp
Alarm.com, Inc., Roy Perry
Armstrong Fluid Technology, Margaret Logan
BC Hydro, Tommy Yim
Belimo Americas, Christoph Graf
Belimo Americas, Michael Knipple
Brainwave Research Corp., Rene Pardo
CABA Andrew Glennie
CABA, Greg Walker
CABA, Rawlson King
CABA, Ron Zimmer
CBRE, Inc., James Becker
CEDIA, Walt Zerbe
Clevertect UBA Hitecno, Eduardo Schmidberg
Cyber Power Systems, Inc., Daniel Niewirowicz
Dankook University, Sehee Han
Ei Electronics US, Inc., Barry Donahoe
Electronic Systems Professional Alliance (ESPA), Jeff Gardner
Electronics Technicians Association (ETA), David Weaver
eMcRey, Marc Lacroix
Florida Power & Light Company (FPL), Dan Haywood
Geberit International AG, Ronn Jefferson
GGI Solutions, Sylvie Lafreniere
Howard W. Campbell Consultant Corp., Howard Campbell
Hydro One Networks Inc., George Katsuras
Intermatic Inc., Jeanne Stark
Ken Wacks Associates, Ken Wacks
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. **Call to Order, Welcome and Introduction** - Jay McLellan (Leviton Manufacturing Co., Inc.)

CHC Chair, Jay McLellan (Leviton Manufacturing Co., Inc.) welcomed everyone and introduced: CHC Vice-Chair Roy Perry (Alarm.com), CHC Vice-Chair Obiorah Ike (ABB Inc.), CHC White Paper Sub-Committee Chair Derek Cowburn (LumenCache, Inc.) and Keynote Speaker Greg Rhoades (Leviton Manufacturing Co., Inc.). Jay McLellan (Leviton Manufacturing Co., Inc.) also outlined the role of the CHC.

3. **Administrative** - Jay McLellan (Leviton Manufacturing Co., Inc.)
3.1 Motion to approve Past CHC Minutes

Jay McLellan (Leviton Manufacturing Co., Inc.) informed everyone that the meeting minutes from the August 7, 2018 CHC meeting were circulated and were posted on the CABA website 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 August 7, 2018 CHC minutes was moved by Roy Perry (Alarm.com) and the motion was seconded by Maurice Bouskela (Leviton Manufacturing Co., Inc.). Unopposed motion carried.

4. Keynote Presentation “Make Every Space a Smart Space” (30 min) - Greg Rhoades (Leviton Manufacturing Co., Inc.)

Abstract: Join CABA and Leviton to learn how to apply Bluetooth, Z-Wave, ZigBee, Wi-Fi, and Apple HomeKit in today's smart homes and connected businesses. Learn how voice assistants like Alexa, Google Assistant and Siri are changing the landscape of today's smart homes.

Jay McLellan (Leviton Manufacturing Co., Inc.) introduced Greg Rhoades (Leviton Manufacturing Co., Inc.) and outlined his experience. Greg gave a 30 minute presentation on “making every space a smart space”. [CLICK HERE](#) to access the recorded presentation and PowerPoint slides.

5. Research Update

5.1 2018 CHC Landmark Research “Connected Home Roadmap” – Greg Walker (CABA)
The CABA Board of Director met at CES International 2018 on Jan 9-12 in Las Vegas, NV. During this meeting they discussed the results from the CABA Members Survey on potential 2018 CHC Landmark Research Topics. During this meeting the Board of Directors selected “Connected Home Roadmap” as the 2018 CHC Landmark Research Project.

Ten (10) CABA members have already joined this research project:

Greg Walker (CABA) gave a brief overview of the 2018 CHC Landmark Research Project, “Connected Home Roadmap”. CABA and the CHC are still actively seek funders for this research. Only the funders will receive the full $150,000 research. To receive this research and become a funder, please contact Greg Walker (CABA) at walker@caba.org. CLICK HERE for the full research prospectus and webinar recording explaining the project.

5.2 2019 CHC Landmark Research Topic? - Jay McLellan (Leviton Manufacturing Co., Inc.)

Jay McLellan (Leviton Manufacturing Co., Inc.) lead the discussion on potential topics for the next CHC research.
Jay McLellan (Leviton Manufacturing Co., Inc.) brought up a few ideas, like: HVAC, Camera and voice, the role of utilities and the impact of 5G/CATM and narrow band technologies entering the home.

David Katz (Sustainable Resources Management Inc.) suggested aging in place and the role of the home office as topics.

Maria Marks (Siemens Industry, Inc.) suggested looking at the differences between rural and urban smart homes and what is the impact of these differences.

6. **White Paper Sub-Committee Update** - Greg Walker (CABA)

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 to 30 pages in length. These papers are written and distributed free of charge to inform the industry. All completed and approved CHC White Papers are placed in 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: [http://www.caba.org/CHC](http://www.caba.org/CHC). All completed CABA White Papers can be found at: [http://www.caba.org/White-Papers](http://www.caba.org/White-Papers).

If you or someone that you know would like to join one (1) or more of the following White Paper Working Groups, please contact Greg Walker (CABA) at walker@caba.org.

**CHC White Paper Sub-Committee (WPSC)**
- LumenCache Inc., Derek Cowburn (Chair)
- behome247, Michael Walther
- Consultant, Brittany Hack
- Frost and Sullivan, Konkana Khaund
- Harbor Research, Alex Glaser
- National Research Council, Heather Knudsen
- Navigant Research, Lauren Callaway

6.1 **Recently Completed**

“The future delivery/business models for Smart Home services and infrastructure”
Greg Walker (CABA) gave an overview of this paper.
**Working Group**
Asian Institute of Intelligent Buildings (AIIB)
BC Hydro
Bedrock Learning, Inc.
BeHome247, Inc.
CaSA Connected Appliances Ltd.
Frost & Sullivan
Independent Consultant
Intermatic Inc.
Northeast Energy Efficient Partnerships (NEEP)
 Paremus
Schneider Electric
Sustainable Resources Management Inc.
Sykes Assistance Services Corporation
The Chamberlain Group Inc.
Z-Wave Alliance

6.2 In Progress

“IOT cyber security guidelines, standards and verification systems”
Greg Walker (CABA) gave an overview of this paper.

Working Group
Agelight Digital Trust Advisory Group
ARC Advisory Group
ArcoLogix LLC
Automation Standards Compliance Institute
BC Hydro
CANASA (Canadian Security Association)
Compass Intelligence, LLC
Consultant
Control4
CopperTree Analytics Inc.
CSA Group
Domotz
eMcRey
EXP
George Brown College
Honeywell International Inc.
Johnson Controls Inc.
Ken Wacks Associates
LonMark International
National Electrical Manufacturers Association (NEMA)
RYCOM Corporation
Sustainable Resources Management Inc.
Syska Hennessy Group
TC9, Inc
The Siemon Company
7. **New Business** – Andrew Glennie (CABA), Jay McLellan (Leviton Manufacturing Co., Inc.).

7.1 **New CABA Member Benefit: CABA Affinity Program** - Andrew Glennie (CABA)

Andrew Glennie (CABA) gave an update of this CABA Member Benefit. The CABA Affinity Program allows CABA member research firms to offer discounts to CABA members. Participating CABA member research firms provide CABA members with a promotional code for a set percent discount off their research. CABA has a wide range of research firms as members. [CLICK HERE](http://www.caba.org/CHC) for more information.

7.2 **New Business** - Jay McLellan (Leviton Manufacturing Co., Inc.)

Jay McLellan (Leviton Manufacturing Co., Inc.) made a call for new business such as: future CHC Guest/Keynote presentation topics and speakers, new CHC white papers, new research projects and meeting ideas, etc.

8. **Announcements** – Greg Walker (CABA)

Greg Walker (CABA) gave an overview of past and current industry events in the connected home space.

8.1 **Past Events:**
- [Shanghai Smart Home Technology, Sept 3-5, 2018, Shanghai, China](http://www.caba.org/CHC)
- [CEDIA Expo, Sept 4-8, San Diego, CA](http://www.caba.org/CHC)

8.2 **Upcoming Events:**
- [CES International 2018, Jan 8-11, Las Vegas, NV](http://www.caba.org/CHC)
- [The NAHB International Builders’ Show (IBS), Feb 19-21, Las Vegas, NV](http://www.caba.org/CHC)
- [The Kitchen & Bath Industry Show (KBIS), Feb 19-21, Las Vegas, NV](http://www.caba.org/CHC)

9. **Adjournment** (1:30 PM ET) - Jay McLellan (Leviton Manufacturing Co., Inc.)

Next CHC Meeting, January 2018

CABA CHC meetings are open to CABA members and invited guests, and everyone is encouraged to participate. More info on the CHC, past minutes, participants and terms of reference can be found at: [http://www.caba.org/CHC](http://www.caba.org/CHC).
Any CABA member that attended as a guest will be added to the CHC, unless notifying the CABA office by November 23, 2018.

Regards,

Greg Walker
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Continental Automated Buildings Association (CABA)
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