



**CABA Connected Home Council (CHC)  
Draft Meeting Minutes**  
Tuesday, February 12, 2019  
12 NOON – 1:30 PM (ET) via Webinar

---

**CHC Executive:**

CHC Chair - Alarm.com, Roy Perry  
CHC Vice-Chair - ABB Inc., Obiorah Ike  
CHC Vice-Chair - TELUS, Danny Sran

**Present:**

21st Century Telecom, Inc., Bill Branham  
Alarm.com, Inc., Roy Perry  
Alea Labs, Inc, Brad Landthorn  
Alea Labs, Inc, Hamid Farzaneh  
American Family Insurance, Tobin Jansenberger  
ArcoLogix LLC, Lawrence Silverman  
ArcoLogix LLC, Leila Breene  
Ark Labs, Robbie Hillis  
AwoX S.A, Olivier Carmona  
Baker Electric Home Energy, Joseph Carangelo  
BC Hydro, Tim Mosley  
Bedrock Learning, Inc. , Helen Heneveld  
Belimo Americas, Michael Knipple  
BSRIA Inc., Aanal Bhagat  
BSRIA Inc., Henry Lawson  
CABA, Andrew Glennie  
CABA, Greg Walker  
CABA, Ron Zimmer  
CBRE, Inc., James Becker  
CEDIA, Brianna Morris  
CSA Group, Laura Elan  
C-Tech Associates, Inc., Michael Brady  
DocAir, LLC, Barry Westbrook  
Domotz, Seth Rubenstein  
DOXA 87, Utku Başyazıcı

DTE Energy, Sue Littles  
D-Tools Inc., Randy Stearns  
Ei Electronics US, Inc., Barry Donahoe  
Electronic Systems Professional Alliance (ESPA), Jeff Gardner  
eMcRey, Marc Lacroix  
EMerge Alliance, Brian Patterson  
Enercare Connections Inc., Edinna Novales  
Enolgas USA Inc., Vittorio Bonomi  
Equitem Consulting, Benno Ritter  
Facillitee, Inc., Damien Condo  
Frost & Sullivan, Maurice Okawaki  
FUJITSU Limited, Robert Selby  
George Brown College, Anastasiia Roldugina  
George Brown College, Juan Jiang  
Groupe HBF, Gweltas Radenac  
HiberSense, Inc., Bob Fields  
HomeSmartZ Experts Inc., Wayne Hogan  
Honeywell International Inc., David Kaufman  
Honeywell International Inc., Sathish Nanjappa  
Horizon Technologies Inc., Ludo Bertsch  
Hydro One Networks Inc., Ian Campbell  
IBI Group, Carl-Henry Piel  
Integrated Home LLC, Jeffrey Brooks  
Intermatic Inc., Jeanne Stark  
Ken Wacks Associates, Ken Wacks  
Kimberly-Clark Professional, Shawn Sullivan  
LaneWorks, LLC, Becky Lane  
Lawrence Berkeley National Laboratory (LBNL), Janie Page  
Lennox Industries, Inc., Benjamin Simon  
Leviton Manufacturing Co., Inc., Fedora Menna  
LG Electronics, Glenn Savage  
Manitoba Hydro, Elmer Guest  
Maravedis LLC, Adlane Fellah  
Maru/Matchbox, Stacey Kinley  
Mersoft, Jeff Weiner  
Mortenson Construction, Paul Dvorak  
MW Consulting Corp, Michael Wiebe  
National Electrical Manufacturers Association (NEMA), Suzanne Alfano  
Network & Automation Systems Inc., Jim Stewardson  
New York State Energy Research and Development Authority (NYSERDA),  
Courtney Moriarta  
New York State Energy Research and Development Authority (NYSERDA),  
Marsha Walton  
Nextech Energy Systems, LLC, Vincent Jenels  
NODE, Ibrahim Jabour  
Open Connectivity Foundation, Inc., Sanjeev BA

Origen FM Services Inc., Wayne Collins  
P.A.ID Strategies, John Devlin  
Panasonic Corporation, Victor Flynn  
Parks Associates, Jason Paris  
PointCentral, Jamey King  
PointCentral, Sean Miller  
Questline, Inc., Laurel Sheppard  
Resideo Technologies, Inc., George Janelis  
Resideo Technologies, Inc., Randall Rosenbaum  
RetroLux, Brett Adler  
Santa Clara University, Hisham Said  
Schluter Systems (Canada) Inc., Gilles Gagnon  
Schneider Electric, Gladys Fernandez  
Siemens Industry, Inc., Maria Marks  
Signify, Mercedes Crego-calama  
Signify, Richard Haring  
Simply Controlled, Jason Simms  
Southwire Company, LLC, Dave Watson  
Springs Design Service, LLC, Dan Stege  
Strategy Analytics, Inc., Jack Narcotta  
Sustainable Resources Management Inc., David Katz  
Syracuse University, Janet Marsden  
Telecommunications Industry Association (TIA), Jacques Fluet  
TELUS, Chris Pettypiece  
TELUS, Danny Sran  
TELUS, Dasola Oluge  
TELUS, David Kerruish  
TELUS, Richard Yanciw  
TELUS, Zouheir Mansourati  
The Allen Morris Company, Remy Marin  
ThinkEco Inc., Mark Thomson  
UL LLC, Dustin Steward  
UL LLC, Kevin Wu  
University of Illinois-Urbana-Champaign, Brian Pastor  
University of Waterloo, Dan Hergott

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** - Roy Perry (Alarm.com)

CHC Chair, Roy Perry (Alarm.com) welcomed everyone and introduced: CHC Vice-Chair Danny Sran (TELUS), CHC Vice-Chair Obiorah Ike (ABB Inc.), CHC White Paper Sub-Committee Chair Ken Wacks (Ken Wacks Associates) and Keynote Speaker Zouheir Mansourati (TELUS). Roy Perry (Alarm.com) also outlined the role of the CHC.

### 3. **Administrative** - Roy Perry (Alarm.com)

#### 3.1 **Announcement of the new CHC Chair and CHC Vice-Chair**

Roy Perry (Alarm.com) announced that the CABA Board of Director appointed him to take on the role of the CHC Chair. Roy thanked Jay McLellan (Leviton Manufacturing Co., Inc.) for all his good work and service as the past CHC Chair. Roy introduced Danny Sran (TELUS), who was appointed by the CABA Board of Directors as a new CHC Vice-Chair.

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

Roy Perry (Alarm.com) informed everyone that the meeting minutes from the October 26, 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 October 26, 2018 CHC minutes was moved by Danny Sran (TELUS) and the motion was seconded by David Katz (Sustainable Resources Management Inc.). Unopposed motion carried.

### 4. **Keynote Presentation “The Connected Home - A Perspective from the Field” (30 min)** - Zouheir Mansourati (TELUS)



**Zouheir Mansourati, PhD**  
Vice President, Customer  
Network Implementation  
TELUS



Description: Since 2013, TELUS has been connecting homes and businesses in more than 100 communities across Canada (British Columbia, Alberta, and Quebec). TELUS offers symmetric Internet connectivity up to 1 Gb/s, mesh Wi-

Fi coverage in the home, Optik TV, VoIP, and, since January 2018, a connected-home and security ecosystem. We will provide a summary of our experience in implementing FTTH and in deploying a connected-home solution. We will also explore future implementation and operation initiatives.

Roy Perry (Alarm.com) introduced Zouheir Mansourati (TELUS) and outlined his experience. Zouheir gave a 30 minute presentation on “The Connected Home - A Perspective from the Field”. [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](mailto:walker@caba.org). [CLICK HERE](#) for the full research prospectus and webinar recording explaining the project.

## 5.2 2019 CHC Landmark Research Topic? - Danny Sran (TELUS)



Danny Sran (TELUS) mentioned that CABA used the members survey and past CHC ideation sessions to create a short list of 2019 CHC research topics. The shortlist includes: 1) Connected Home Cybersecurity and Privacy, 2) Connected Home Digital Assistants and 3) Smart Home as a Service. Danny gave an opportunity from the CHC to provide input on these topics. Danny mentioned that a task force was created to select one of these topics and they are meeting Feb 21, 2019.

Task Force:

ABB, Inc. – Obiorah Ike

Acuity Brands, Inc. – Tucker Boren

Alarm.com, Inc. – Roy Perry

Control4 – Martin Plaehn

Kimberly-Clark Professional – Stephen Becker

TELUS – Danny Sran

UL – Brian Ferriol

## 6. 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 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>. All completed CABA White Papers can be found at: <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 Greg Walker (CABA) at [walker@caba.org](mailto:walker@caba.org)

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

Ken Wacks Associates, Ken Wacks (Chair)  
Consultant, Brittany Hack  
Frost & Sullivan, Konkana Khaund  
Harbor Research, Inc., Alex Glaser  
Ken Wacks Associates, Ken Wacks  
LumenCache, Inc., Derek Cowburn  
National Research Council Canada (NRC), Heather Knudsen

### **6.1 Recently Completed**

None at this time

### **6.2 In Progress**

#### **“IoT cyber security guidelines, standards and verification systems”**

Greg Walker (CABA) gave an overview of this paper.

##### Working Group

BC Hydro, Tim Mosley (Chair)  
AgeLight LLC, Craig Spiezle  
ARC Advisory Group, Jim Frazer  
ArcoLogix LLC, Anne Breene  
BC Hydro, David Rogers  
CANASA (Canadian Security Association), Patrick Straw  
CEDIA, Walt Zerbe  
Cimetrics, Inc., Anto Budiardjo  
Cimetrics, Inc., James Lee  
Compass Intelligence, LLC, Nadine Manjaro  
Consultant, Michael Marlowe  
Control4, Alex Mann  
Control4, Glenn Clapp's  
CopperTree Analytics Inc., Keith La Rose  
CSA Group, Laura Elan  
Current, powered by GE, Jeremy Yon  
Domotz, Steven Snyder  
eMcRey, Marc Lacroix  
exp US Services, Inc., Tom Lohner  
exp US Services, Inc., Chris Larry  
George Brown College, Amir Shabani  
Honeywell International Inc., Harsha Chandrashekar  
Internet Society, Jeff Wilbur  
Johnson Controls Inc., Alison Hong  
Ken Wacks Associates, Ken Wacks  
LonMark International, Ron Bernstein  
National Electrical Manufacturers Association (NEMA), Steve Griffith  
RYCOM Inc., Casey Witkowicz

RYCOM Inc., Demetrius Marshall  
SPARQ Global, Jon Rappaport  
Sustainable Resources Management Inc., David Katz  
Syska Hennessy Group, Inc., Thomas Grimard  
TC9, Inc, Toby Considine  
The International Society of Automation, Andre Ristaino  
The Siemon Company, Bob Allan  
TrustCentral, Mac Graham  
TwelveDot Inc., Faud Khan  
UL LLC, Gonda Lamberink

**7. New Business** – Andrew Glennie (CABA), Roy Perry (Alarm.com)

**7.1 New CABA Member Benefit: CABA Information Council (CIC) - Andrew Glennie (CABA)**

Andrew Glennie (CABA) gave an update of this CABA Member Benefit. The CABA Information Council identifies and reviews white papers and research for the CABA Information Series, the most authoritative source for technical information in the home and large building automation sectors. CABA Information Series reports are published both in the CABA Public Research Library and the CABA Member Research Library. [CLICK HERE](#) for more information.

**7.2 New Business - Roy Perry (Alarm.com)**

Roy Perry (Alarm.com) 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** – Ron Zimmer (CABA)

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

**8.1 Past Events:**

- [CES International 2019, Jan 8-11, Las Vegas, NV](#)
- [The NAHB International Builders' Show \(IBS\), Feb 19-21, Las Vegas, NV](#)
- [The Kitchen & Bath Industry Show \(KBIS\), Feb 19-21, Las Vegas, NV](#)

**8.2 Upcoming Events:**

- [Internet of Things World, May 13-16, Santa Clara, CA](#)



- [CONNECTIONS, May 21-23, San Francisco, CA](#)
- [CEDIA Expo, Sept 10-14, Denver, CO](#)

9. **Adjournment** (1:30 PM ET) - Roy Perry (Alarm.com)

[Next CHC Meeting, April 2019](#)

=====  
All those who attend received the complimentary copy of the CABA “Connected Home IoT Energy Roadmap” Research Executive Summary.

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>. Any CABA member that attended as a guest will be added to the CHC, unless notifying the CABA office by Feb 28, 2018.

Regards,

Greg Walker  
CABA Research Director  
Continental Automated Buildings Association (CABA)  
Email: [walker@caba.org](mailto:walker@caba.org)  
Phone: 613.686.1814 x227  
Website: <http://www.caba.org>

Connect to what's next™

---