



CABA Connected Home Council (CHC) 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. [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

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 Grahm
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](#)

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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
Phone: 613.686.1814 x227
Website: <http://www.caba.org>

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