



Connected Home Council (CHC) Webinar Meeting will commence 12:05pm ET

August 15, 2024 | 12 PM – 1:30 PM (ET)

CHC Chair: Ken Wacks (Ken Wacks Associates)

Vice-Chair: Charlie Derk (Legrand)

Vice-Chair: Joshua Gerena (2N/Axis Communications)

Connect to what's next™

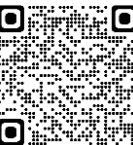
www.ashb.com



1. Agenda

Ken Wacks (Ken Wacks Associates)

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2. Call to Order, Welcome, Introductions, About the CHC
3. Administrative
4. Research Update
5. Keynote: **Enabling the Home of Tomorrow for Aging in Place** – Nav Kannan (Vantiva)
6. ASHB Podcast
7. ASHB Whitepapers
8. ASHB Journal
9. New Business
10. Announcements
11. Adjournment



2. Call to Order, Welcome, Intro, About the CHC

Ken Wacks (Ken Wacks Associates)



CHC Chair
Dr. Kenneth Wacks
Management &
Engineering
Consultant

KENNETH WACKS, Ph.D.
Management & Engineering Consultant



CHC Vice-Chair
Charlie Derk
Vice President of
Strategy



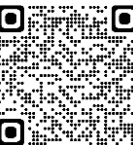
CHC Vice-Chair
Joshua Gerena
Segment
Development
Manager - CRE



About the CHC

Established in 2004, the ASHB Connected Home Council initiates and reviews projects that relate to smart home and multiple dwelling unit technologies and applications. The Council also examines industry opportunities that can accelerate the adoption of new technologies, consumer electronics and broadband services within the burgeoning smart home market.

www.ashb.com/chc



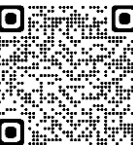
3. Administrative

Ken Wacks (Ken Wacks Associates)



Motion to approve past CHC
Minutes May 21, 2024

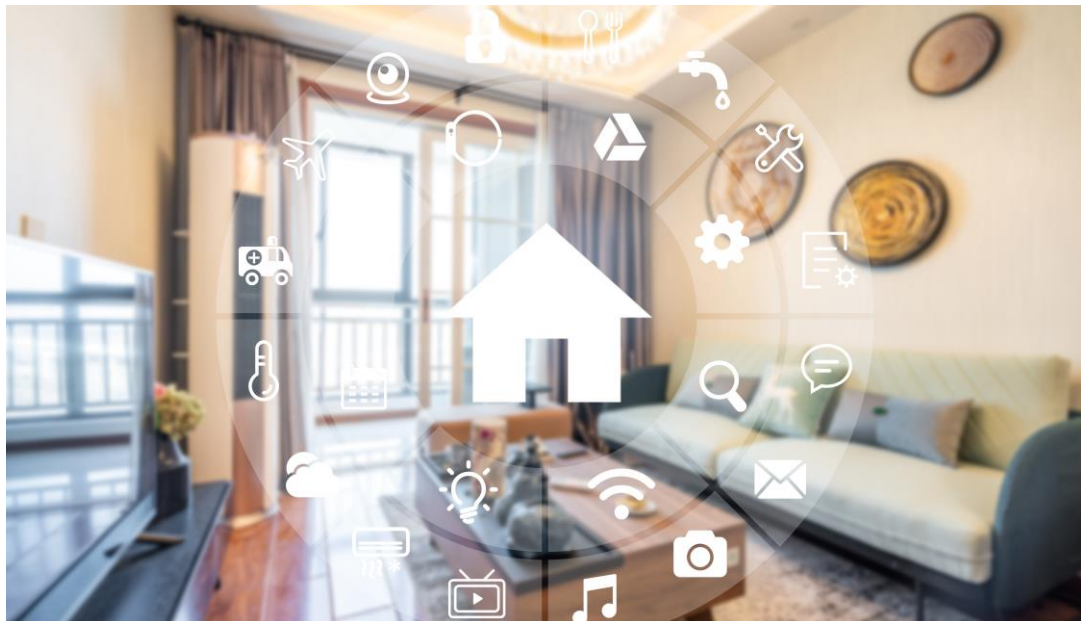
www.ashb.com/chc



4. Research Update

Marta Klopotowska (ASHB)

2024 CHC Landmark Research Smart Home Trends & Technology Adoption



5. Keynote

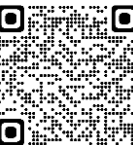
Marta Klopotoska (ASHB)

Keynote Speaker

Nav Kannan - VP, Homesight



Enabling the Home of Tomorrow
for Aging in Place





Enabling the Home of Tomorrow for Ageing in Place

Nav Kannan: VP HomeSight Business, Vantiva

August 15, 2024

Who we are

Vantiva is a global technology company that enhances digital lives by DESIGNING, DEVELOPING and DELIVERING INNOVATIVE PRODUCTS and SOLUTIONS that connect consumers with the content and services they love at home, work, and other smart spaces.

- ~\$2Bn annual revenue, 20 countries, 4,300+ employees
- Broadband and video customer premise equipment (CPE) for Network Service Providers (NSPs) and Pay-TV operators for over 70 years'

Diversifying into Smart Spaces and Home Care solutions (HomeSight).



Smart Homes in the context of Ageing in Place

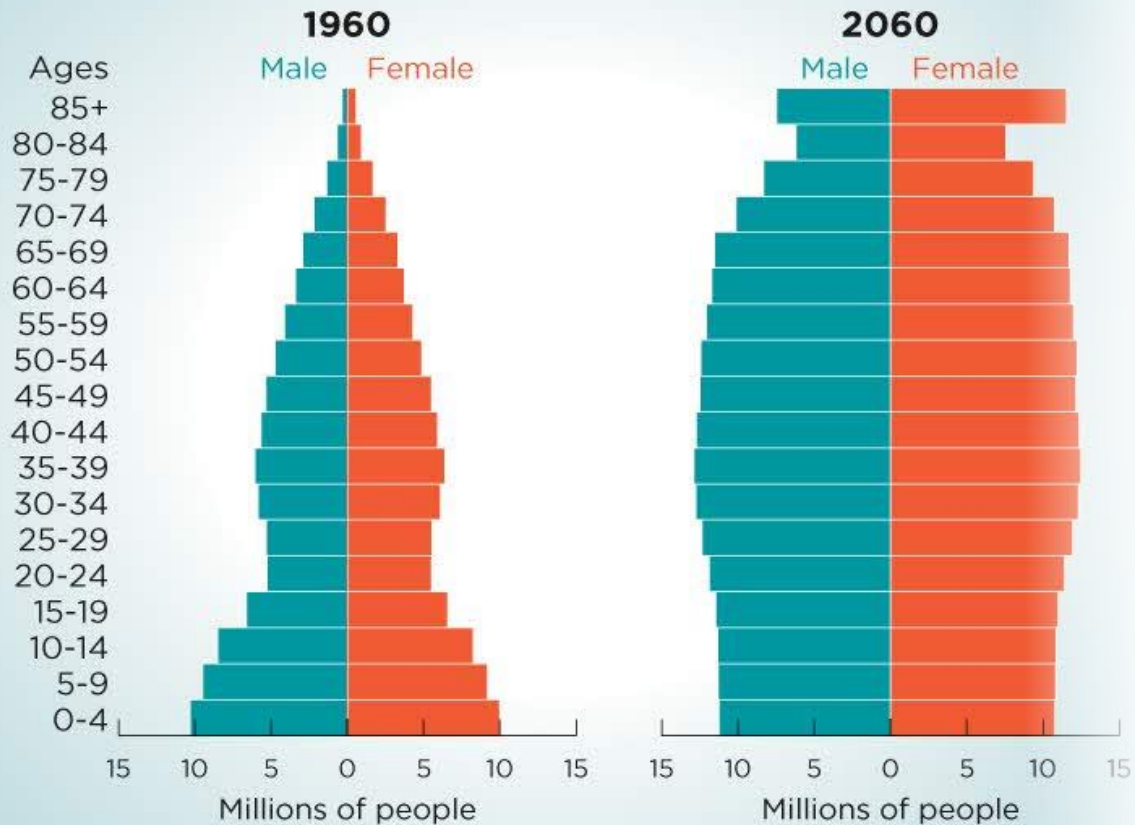


Looking beyond gadgets and exploring Smart Home solution needs of the increasing population of older adults.



From Pyramid to Pillar: A Century of Change

Population of the United States



The oncoming silver tsunami

Americans aged 65 and older:
58 million in 2022 -> 82 million by 2050
= 17% -> 23% of the total population¹

Approximately 27% of U.S. adults age 60 and older were living alone in 2020, and this number is projected to increase as the baby boomer generation reaches retirement age. [2]

1. U.S. Census Bureau, [2023 National Population Projections Tables: Main Series](https://www.census.gov/data/releases/totals/national-population-projections.html).
2. <https://www.census.gov/library/visualizations/interactive/exploring-age-groups-in-the-2020-census.html>

A strong desire for independent living

- Autonomy & agency
- Familiar surroundings
- Cost considerations

Key finding^[1]: 77% of adults aged 50 and older want to remain in their homes for the long term.



[1] AARP. (2021). Home and Community Preferences Survey. Retrieved from <https://www.aarp.org/home-family/your-home/info-2021/home-and-community-preferences-survey.html>

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Independent living... dependent challenges

Core challenges:

- Physical limitations
- Reduced mobility
- Practical challenges

Compounding effects:

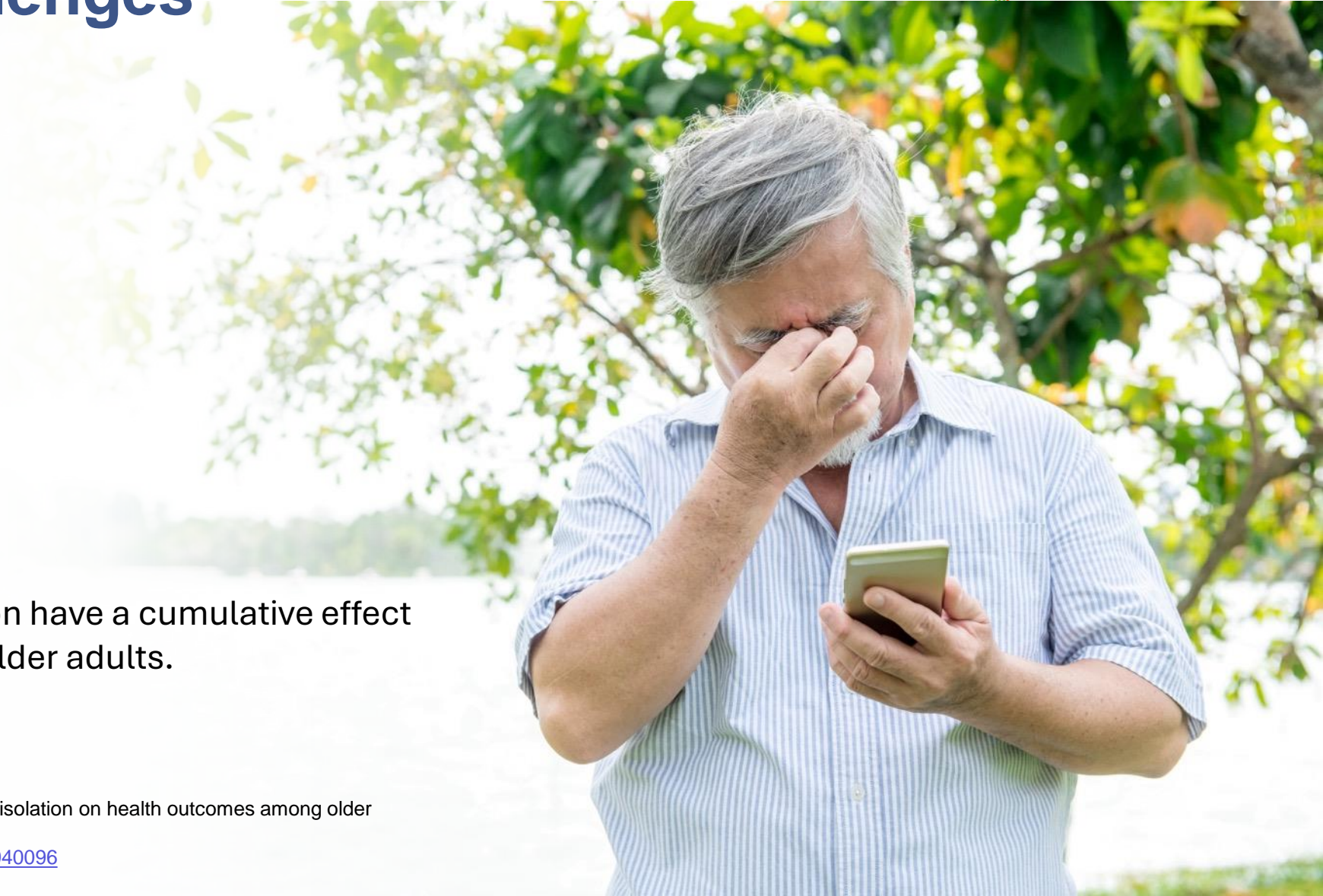
- Loneliness
- Social isolation

Combined impact^[1]:

- Loneliness and social isolation have a cumulative effect on health outcomes among older adults.

[1] MacLeod A, et al. Cumulative effect of loneliness and social isolation on health outcomes among older adults. Gerontology. 2022.

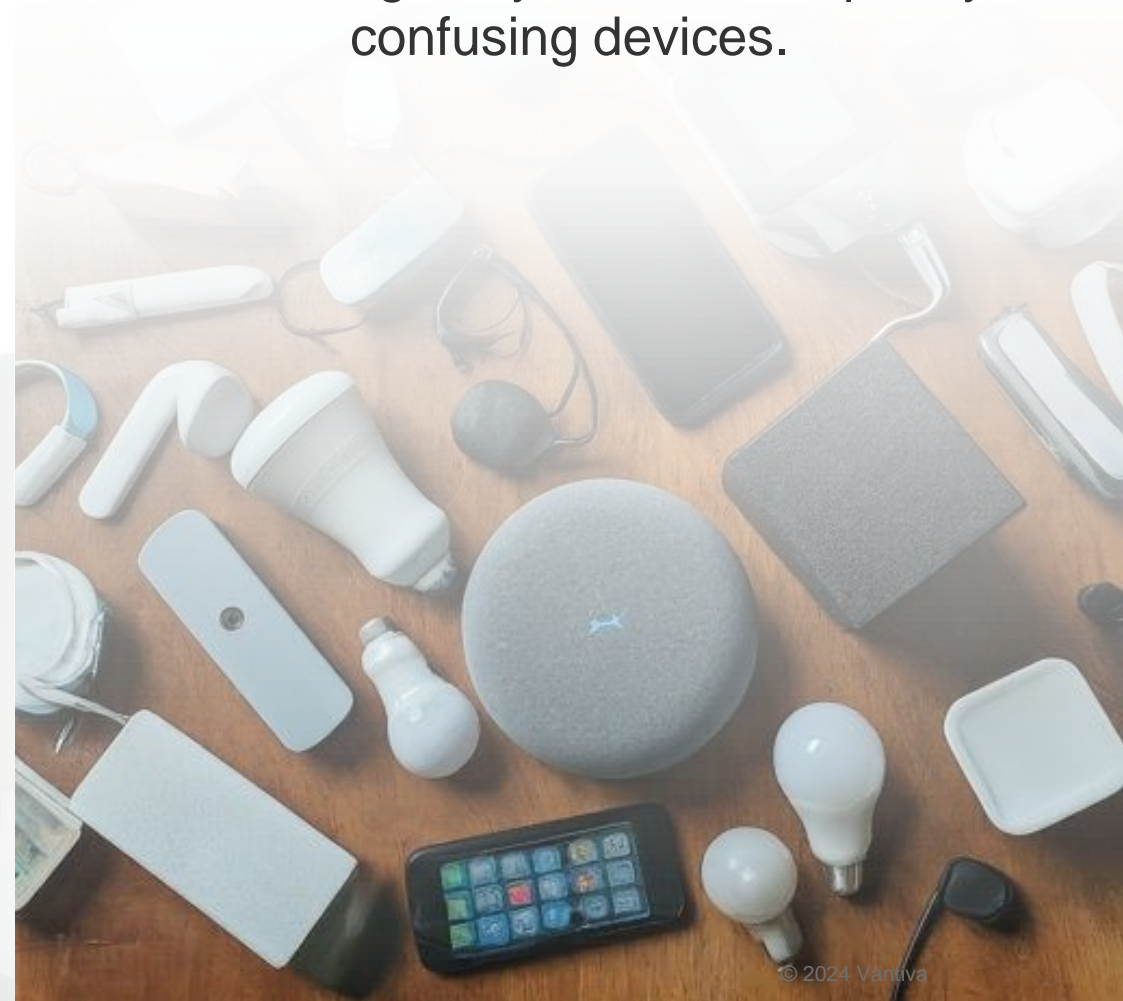
<https://www.tandfonline.com/doi/full/10.1080/13607863.2021.1940096>



Can Smart Homes provide an answer?



We need to go beyond the cacophony of confusing devices.



Compelling connections enriching engagements



Connect



Engage



Key elements of any solution to
give independence to older adults
and peace of mind to loved ones.

Monitor



A Smart home.... is it a safe home?

Solutions need to prioritize security & privacy given the increased vulnerability of older adults, to create a trusted environment.



Prevent
Scam calls



Protect Data



Manage
Privacy



Device
Security

Your wellness care connection

Unlocking Senior Independence with the Health Hub



- User-centric design
- Holistic approach
- Whole-home solution
- Data security & privacy
- Remote care options

Technology must disappear and blend into the normal user experience.

Don't overwhelm with a clutter of applications.





with professional
caregivers

- Leverage big displays at home.
- Use familiar technologies (e.g. tablet, TV).
- Protect privacy.
- Create a circle of trust; prevent spam.

Connect

with family and friends



Engage



- Curated content.
- Personalized content.
- Simplified choices.
- Interaction-oriented.
- Group interactions.
- Advertisement-free.

What?

- Key activities of daily life
- Insights on changes in pattern
- Fall detection, gait analysis
- Environmental & activity

How?

- Passive, unobtrusive
- Holistic and whole-home
- Respecting privacy
- With informed consent

Monitor



The Health hub as a telehealth gateway

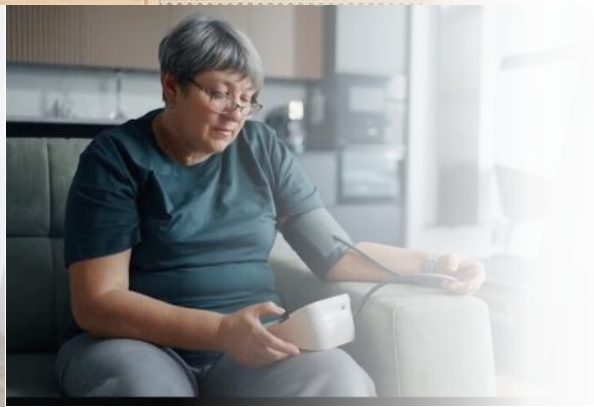


What?

- Telehealth consultations
- Remote patient monitoring
- Medication reminders and tracking
- Wellness education
- Improved care coordination

How?

- Secure data communication
- Informed consent
- Focused on privacy



Smart home... smarter insights



The Health Hub system working in conjunction with other devices and sensors in the home leads to better insights into ADL*

Example use cases:

- Kitchen sensors to monitor eating habits
- Bathroom sensors to track bathroom usage
- Smart locks / door cameras for caregiver access
- Environmental sensors to assess conditions

*: activities of daily life

Powering the potential of smart living



- Reliable broadband internet connection.
- Strong Wi-Fi coverage for the home.
- Compatibility with existing infrastructure.
- Necessary power and electrical systems.



Final thoughts...



- The home is getting smarter everyday.
- Ageing in place is the norm now.
- Health hub bridges the gap.
- A smart home can be a healthy space.

By addressing the needs of the aging population, the smart home industry can unlock a significant market opportunity.

The Health Hub ushers a new era empowering independent living and enhanced quality of life for residents and peace of mind to loved ones.

Thank You

Nav Kannan

nav.kannan@vantiva.com

Visit: www.homesight.care



Follow the HomeSight community on LinkedIn:
www.linkedin.com/company/homesight-care



LinkedIn 



THANK YOU!

Questions?



6. Smarter Homes & Buildings Podcast

Marta Klopotoska (ASHB)



ashb.com/podcast

Join industry experts and leaders from around the globe as they discuss everything smart home and intelligent buildings.



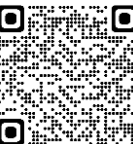
Apple
Podcasts



ASHB is looking for guests and hosts for future pre-recorded episodes. Contact admin@ashb.com for more information.

Recent Recordings:

- Transforming Energy Management - ABB and Lumin on Smart Electrification Strategies
- Bridging Policy and Innovation - Energy Efficiency in Window and Door Automation with AERC
- Exploring the Evolution and Future of Fire Alarm Systems in Smart Buildings and Homes
- Solar Energy is a Team Sport, When OEMs and Installers Collaborate for Quality



7. ASHB Whitepapers

Ken Wacks (Ken Wacks Associates)



ASHB
Research Program

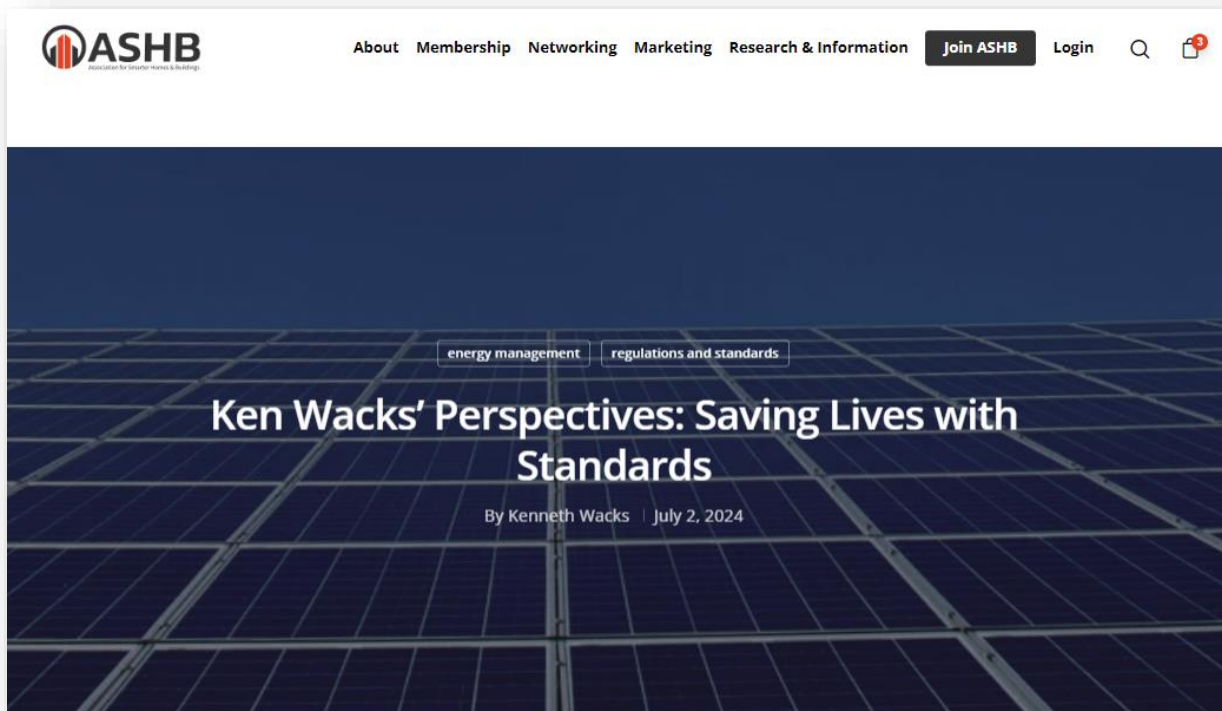
Published IBC White Papers can be downloaded at:
ashb.com/whitepapers
Send proposals to admin@ashb.com

Recently Published



8. ASHB Journal

Ken Wacks (Ken Wacks Associates)



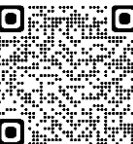
The ASHB Journal aims to educate and inform the ASHB membership and industry at large on emerging research, issues, challenges, and opportunities in the intelligent buildings and/or connected home sectors.

New articles are posted to the ASHB website, included in the weekly NewsBrief, and circulated on Twitter and LinkedIn.

Send proposals to admin@ashb.com

Recent posts:

- **Ken Wacks Perspectives: Saving Lives with Standards**
- **Ken Wacks Perspectives: CES 2023: A Sampling of Product Diversity**
- **Facilio: The Relevance of Decarbonizing Goals During the Downturn**



9. New Business

Ken Wacks (Ken Wacks Associates)

New CHC Business?



10. Announcements

Marta Klopotoska (ASHB)

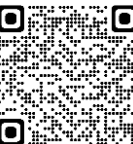
Upcoming Events

Shanghai Smart Home Technology
September 3-5 | Shanghai, China

CEDIA Expo
September 5-7 | Denver, CO

Smart Spaces (Parks Associates)
September 24-25 | Richardson, TX
(Virtual - December 12)

Connections (Parks Associates)
Virtual - December 12)



11. Adjournment

Ken Wacks (Ken Wacks Associates)

Next CHC Meeting: November 2024

Association for Smarter Homes & Buildings (ASHB)

admin@ashb.com | www.ashb.com | www.ashb.com/chc

Connect to what's next™



ASHB

Connected Home Council

