

MEDIA RELEASE

A Comprehensive Look at the Connected Home and AI

Companies can help catalyze a growing opportunity by prioritizing data privacy, says CABA report prepared by Harbor Research.

A CABA research report analyzes barriers to adoption and future opportunities in the current smart home and artificial intelligence (AI) landscape and proposes key recommendations for market participants to shape the development of this space.

Using primary and secondary research, the research concluded that cost and security remain the largest obstacles to customer demand. Where AI devices and services do exist in connected homes today, they tend to be organized around a select few ecosystems (comfort, security) and are driven by a few high-profile devices (Echo/Alexa). Other ecosystems, especially mission-critical ones, remain underserved. But the current conditions are also ripe for disruption as ecosystem participants act to establish themselves as key influencers. Companies and standard-setting bodies can further that goal by embedding devices with data privacy and cybersecurity protections and collaborating to deliver more benefits to consumers.

Overall, the proliferation of smart systems in connected homes overall, coupled with a new demographics of homeowners who expect a technology-driven experience and the rapid evolution of AI technology, are converging to present a significant new opportunity for connected-home artificial intelligence, the report concludes. For it to further evolve, emerging and established participants should prioritize open ecosystems, where connected home services can leverage multiple devices and disparate data types to provide greater value to homeowners and tenants.

An executive summary is available for download [here](#). The full report will be available in the CABA Shop following an embargo period.



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About Harbor Research, Inc.

Founded in 1984, Harbor Research Inc. has more than 30 years of experience in providing strategic consulting, design, and research services that enable our clients to understand and capitalize on emergent and disruptive opportunities driven by information and communications technology. The firm has established a unique competence in developing business models and strategy for the convergence of pervasive computing, global networking and smart systems. Harbor Research's extensive involvement in developing this market opportunity, through research and consulting, has allowed the firm to engage with clients in the technology supplier community—both large and emergent players—as well as a diverse spectrum of device OEMs and services providers as well as broad end customer interactions. Please visit harborresearch.com for more information

About CABA

CABA is an international not-for-profit industry association dedicated to the advancement of connected home and intelligent building technologies. The organization is supported by an international membership of over 375 organizations involved in the design, manufacture, installation and retailing of products relating to integrated home and building technology. Public organizations, including utilities and government organizations are also members. CABA's mandate includes providing its members with networking and market research opportunities. CABA also encourages the development of industry standards and protocols, and leads cross-industry initiatives. More information is available at CABA.org.

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