

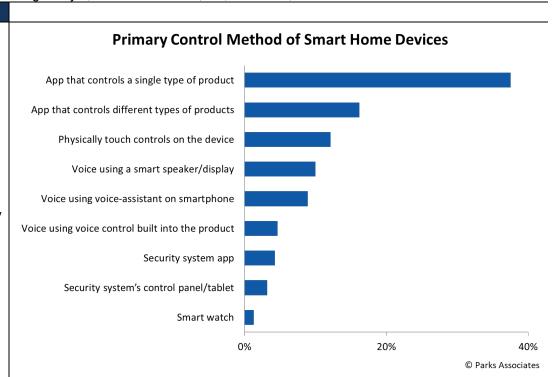
## Interoperability & Generative AI: Next Generation Smart Home UI

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A unified smart home experience is the holy grail of convenience and value for consumers, but fragmentation and interoperability issues plague the smart home ecosystem. This report evaluates consumer preferences for smart home control and UI, trends in interoperability and standards, such as Matter, and the expected impact of generative AI on smart home controls. It includes a 5-year forecast of the installed base of smart home devices in the US.



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"There is hope for a more unified smart home experience as two disruptions enter the industry. The first is Matter. The second is generative AI," said Ross Rubin, Sr. Contributing Analyst, Parks Associates.

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#### **Bottom line**

## **Control and Interoperability Landscape**

Progress in home control and automation Smart home device ownership doubles in 5 years The smart home ecosystem grows broader Smart home inhibitors: value, privacy, interoperability

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Adjacencies build supply-side momentum

#### Market Outlook: Controls, Data Security, Generative Al

While interface diversity will continue, user experience will improve

Matter tackles device setup and security

Matter bridges ecosystem chasms

Differentiating User Experience via Generative AI

#### **Market Outlook: 5 Year Forecast**

Market Barriers
Market Drivers

### Implications & Recommendations

Put Matter on the roadmap but plan for a lengthy rollout. Service providers must respond to Matter's double-edged sword



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