

# Technology Convergence and the Smart Home

<https://marketpublishers.com/r/TE1FC65BCFAEN.html>

Date: December 2018

Pages: 50

Price: US\$ 3,500.00 (Single User License)

ID: TE1FC65BCFAEN

## Abstracts

As the world moves toward singularity, the simultaneous improvement of technologies enabling the smart home is transforming products and services. This report reviews the evolution of technology across multiple dimensions, such as AI, robotics, and distributed computing, and the impact on hardware cost and software development lifecycle. It provides a vision of the future state of the smart home and outlines strategies needed to compete successfully in the long term.

## Contents

### **1. REPORT SUMMARY**

- 1.1 Purpose of Report
- 1.2 Key Burning Questions Addressed by this Research
- 1.3 Research Approach/Sources

### **2. TRENDS IN SMART HOME ADOPTION**

### **3. TECHNOLOGY EVOLUTION AND CONVERGENCE**

- 3.1 AI and Machine Learning
  - 3.1.1 Defining Artificial Intelligence
  - 3.1.2 Video Analytics
  - 3.1.3 Sound Recognition
  - 3.1.4 Home Automation
  - 3.1.5 Voice Control and Intelligent Assistants
- 3.2 Robotics
- 3.3 Home Networks and 5G Technologies
  - 3.3.1 Wi-Fi 802.11ax
  - 3.3.2 Mesh Networks
  - 3.3.3 Impact of 5G Technologies

### **4. BARRIERS TO ADOPTION AND MARKET OPPORTUNITIES**

- 4.1 Interoperability and Standards
- 4.2 Fragmentation and Smart Home Platforms
- 4.3 Power Consumption
- 4.4 High Solution Costs
- 4.5 Data Privacy and Security
  - 4.5.1 Blockchain as a Solution

### **5. COMPANIES POSITIONED FOR SUCCESS**

### **6. IMPLICATIONS AND RECOMMENDATIONS**

### **7. APPENDIX**

7.1 Glossary

7.2 Index

7.3 Image Sources

## List Of Figures

### LIST OF FIGURES

Companies Researched for Report

Smart Home Device Ownership (2014 - 2018)

Average Number of Smart Home Devices Owned

Adoption of Smart Home Devices (2014 - 2018)

Average Number of Connected Devices per U.S. Broadband Household

AI Simulating Human Intelligence

Appeal of Home and Personal Security Use Cases

Forecast - New Smart Home Controller Revenue by Channel (2017 - 2022)

Smart Speaker Adoption (2016 - 2022)

User Interface Evolution

Voice-first Ecosystem

Important Purchase Factors for Smart Home Devices

Platforms Used to Control Smart Home Devices

Impact of Security and Privacy Concerns on Purchase Intentions

## I would like to order

Product name: Technology Convergence and the Smart Home

Product link: <https://marketpublishers.com/r/TE1FC65BCFAEN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/TE1FC65BCFAEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970