

# Smart Home Technologies: Global Markets to 2022

<https://marketpublishers.com/r/SFB361D8A84EN.html>

Date: April 2018

Pages: 109

Price: US\$ 1,250.00 (Single User License)

ID: SFB361D8A84EN

## Abstracts

### Summary

The global smart home market, with an impending demand for a universal solution, is driven by the intense focus of industry participants on pushing solutions across the mainstream market. This has led to multi-pronged developments, especially in the field of networking technologies. With both proprietary and open-source platforms seeing new technologies being added on a daily basis, consumers are faced with the challenges of integrating these complex platforms into a single home technology system. Due to these and many other factors, the smart home market is expected to grow at a compound annual growth rate (CAGR) of REDACTED between 2017 and 2022 to attain a market value of REDACTED in 2022. Driven by shifts in consumer behavior and technological developments, the market has been shifting from a luxury market into a mainstream market, and many new players are entering the market as a result.

Smart home technology is still at the nascent stage because it is adopted by a small percentage of the population. According to Ashish Sharma, Director at Phynart, the advent of technology and a reduction in device prices are likely to result in the market growing at a healthy rate in the coming years.

The global smart home market, which until now was considered as an elite market, has been witnessing growing popularity across widespread social segments. The development of wireless, open and standard technologies has enabled this transition. This has helped to reduce the cost of wiring and labor, thus reducing overall prices. In addition, the presence of many players has induced price competitiveness, forcing them to develop mainstream solutions. The entry of telecommunications, cable companies, utilities and security service providers into the smart home market has helped to drive demand. Intense competition is rising among players, who are looking for technological

innovations, alliances, and mergers and acquisitions as strategies to expand and retain their market shares. The market revenue was REDACTED in 2016, and it is expected to reach nearly REDACTED in 2022, growing at a CAGR of REDACTED during the forecast period.

The various applications of the smart home market include heating, ventilation and air conditioning (HVAC); lighting; water; entertainment; and fire safety and security. Currently, the smart home technology is largely used in the safety and security application, giving this segment the largest revenue share at REDACTED in 2016. It is expected to remain the largest market and to reach REDACTED by 2022. The entertainment application is expected to have the highest CAGR of REDACTED from 2017 through 2022.

The market is regionally segmented into North America, Europe, the Asia-Pacific region and the Rest of the World (RoW). North America had the highest revenue in the market in 2016 at REDACTED, and it is expected that it would continue to dominate the revenue share with a value of REDACTED in 2022.

North America is a technologically advanced region, so smart home technology initially formed a strong base in this region. The Asia-Pacific region is expected to have the best potential market growth, with an estimated CAGR of REDACTED from 2017 through 2022. Emerging nations in this region are experiencing substantial economic growth, which is expected to drive the growth of the smart home market during the forecast period.

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing This Study  
Scope of Report  
Research Methodology  
Intended Audience  
Information Sources  
Regional Breakdown  
Analyst's Credentials  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

### **CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND**

Market Definition and the Evolution of Smart Home Technology  
Future Outlook and Expectations  
Market Dynamics  
Drivers  
Restraints  
Key Developments in the Field of Smart Home Technology  
Safety and Security  
Smart Home Technology for Energy Management  
Latent Demand for Compact Systems  
Impending Demand for a Universal Solution  
Value Chain  
Manufacturing  
Distribution  
Marketing and Sales

### **CHAPTER 4 MARKET BREAKDOWN BY NETWORKING TECHNOLOGY**

Introduction  
Wired Systems  
Power Line Systems  
Computing Networks

Wireless Systems

## **CHAPTER 5 MARKET BREAKDOWN BY COMPONENT**

Introduction

Software

Hardware

Services

## **CHAPTER 6 MARKET BREAKDOWN BY APPLICATION**

Introduction

Heating, Ventilation and Air Conditioning

Lighting

Water Management

Elevators

Parking

Entertainment

Fire Safety

Safety and Security

Others

## **CHAPTER 7 MARKET BREAKDOWN BY REGION**

Introduction

North America

Europe

Asia-Pacific

Rest of the World

## **CHAPTER 8 ANALYSIS OF MARKET OPPORTUNITIES**

Government Initiatives to Help Promote Green Buildings

Technological Advancement

Growing Developments and New Application Areas

Growing Opportunities in the Asia-Pacific Region

## **CHAPTER 9 PATENT REVIEW AND NEW DEVELOPMENTS**

Patent Review by Country

## **CHAPTER 10 COMPANY PROFILES**

### **ABB LTD.**

Primary Business

Financials

Business Strategies

### **ACUITY BRANDS INC.**

Primary Business

Financials

Business Strategies

### **ADVANTECH CO. LTD.**

Primary Business

Financials

Business Strategies

### **AMAZON.COM INC.**

Primary Business

Financials

Business Strategies

### **AMX**

Primary Business

### **CLIPSAL AUSTRALIA PTY. LTD.**

Primary Business

Financials

Business Strategies

### **CONTROL4 CORP.**

Primary Business  
Financials  
Business Strategies

## **CRESTRON ELECTRONICS INC.**

Primary Business  
Financials  
Business Strategies

## **CYTECH TECHNOLOGY PTE. LTD.**

Primary Business  
Financials

## **CENTRICA PLC**

Primary Business  
Financials  
Business Strategies

## **DAINTREE NETWORKS INC.**

Primary Business  
Financials  
Business Strategies

## **GENERAL ELECTRIC**

Primary Business  
Financials  
Business Strategies

## **GOOGLE INC.**

Primary Business  
Financials  
Business Strategies

## **HONEYWELL INTERNATIONAL INC.**

Primary Business  
Financials  
Business Strategies

## **IBM**

Primary Business  
Financials

## **INGERSOLL-RAND PLC**

Primary Business  
Financials  
Business Strategies

## **JOHNSON CONTROLS INTERNATIONAL PLC**

Primary Business  
Financials  
Business Strategies

## **LEGRAND S.A.**

Primary Business  
Financials  
Business Strategies

## **SAVANT SYSTEMS LLC**

Primary Business  
Financials  
Business Strategies

## **LUTRON ELECTRONICS CO. INC.**

Primary Business

Financials  
Business Strategies

## **PHILIPS LIGHTING HOLDING B.V.**

Primary Business  
Financials  
Business Strategies

## **SIEMENS BUILDING TECHNOLOGIES AG**

Primary Business  
Financials  
Business Strategies

## **SCHNEIDER ELECTRIC SE**

Primary Business  
Financials  
Business Strategies

## **SYNAPSE WIRELESS INC.**

Primary Business  
Financials  
Business Strategies

## **TELETASK BVBA**

Primary Business  
Financials  
Business Strategies

## **VIVINIT INC.**

Primary Business  
Financials  
Business Strategies

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Smart Home Technology, by Application, Through 2022

Table 1: Global Market for Smart Home Technology for Wired Systems, by Region, Through 2022

Table 2: Global Market for Smart Home Technology for Power Line Systems, by Region, Through 2022

Table 3: Global Market for Smart Home Technology for Computing Networks, by Region, Through 2022

Table 4: IEEE 802.11 Common Wi-Fi Standards

Table 5: Bluetooth Specification

Table 6: Global Market for Smart Home Technology for Wireless Systems, by Region, Through 2022

Table 7: Global Market for Smart Home Technology, by Component, Through 2022

Table 8: Global Market for Smart Home Technology for HVAC, by Region, Through 2022

Table 9: Global Market for Smart Home Technology for Lighting, by Region, Through 2022

Table 10: Global Market for Smart Home Technology for Water, by Region, Through 2022

Table 11: Global Market for Smart Home Technology for Elevators, by Region, Through 2022

Table 12: Global Market for Smart Home Technology for Parking, by Region, Through 2022

Table 13: Global Market for Smart Home Technology for Entertainment, by Region, Through 2022

Table 14: Global Market for Smart Home Technology for Fire Safety, by Region, Through 2022

Table 15: Global Market for Smart Home Technology for Safety and Security, by Region, Through 2022

Table 16: Global Market for Smart Home Technology for Other Applications, by Region, Through 2022

Table 17: North American Market for Smart Home Technology, by Type, Through 2022

Table 18: North American Market for Smart Home Technology, by Application, Through 2022

Table 19: European Market for Smart Home Technology, by Type, Through 2022

Table 20: European Market for Smart Home Technology, by Application, Through 2022

Table 21: Asia-Pacific Market for Smart Home Technology, by Type, Through 2022

Table 22: Asia-Pacific Market for Smart Home Technology, by Application, Through 2022

Table 23: RoW Market for Smart Home Technology, by Type, Through 2022

Table 24: RoW Market for Smart Home Technology, by Application, Through 2022

Table 25: Market Share Analysis of Building System Companies, 2016

Table 26: Smart Home Technology Patent for Setup

Table 27: Smart Home-Care Security Device

Table 28: Method, Apparatus and Electronic Device for Controlling Smart Home Device

Table 29: Smart Refrigerator

Table 30: Smart Appliances

Table 31: Security-Focused System for Smart Windows

Table 32: Methods for Controlling Smart Device

Table 33: Smart Socket

Table 34: Dynamic Control of Smart Home Using Wearable Device

Table 35: Method and Device for Controlling Smart Device

Table 36: Smart Home System

Table 37: Control Method and Control Device for Smart Home Device

Table 38: A Method and a Device for Controlling a Smart Home Power Supply

Table 39: Method and Apparatus for Grouping Smart Device in Smart Home System

Table 40: Synchronization Control Method Within Wireless Network, Wireless Network and Smart Home Device

Table 41: A Method and a Terminal for Controlling a Smart Home Device

Table 42: How to Support an Advanced Home-Care-Service Adjustment Platform

Table 43: Automatic Detection of Home Electric Appliance

Table 44: Smart Home Assistant

Table 45: Smart Watch-Based Smart Home Control Method and Smart Watch

Table 46: Smart Home Speaker System

Table 47: Developments of ABB Ltd.

Table 48: Acuity Brands Inc. Developments

Table 49: Amazon Inc. Developments

Table 50: Clipsal Australia Pty. Ltd. Developments

Table 51: Control4 Corp. Developments

Table 52: Crestron Electronics Inc. Developments

Table 53: Centrica Plc Developments

Table 54: Daintree Networks Inc. Developments

Table 55: General Electric Developments

Table 56: Google Inc. Developments

Table 57: Honeywell International Inc. Developments
Table 58: IBM Developments
Table 59: Ingersoll-Rand Plc Developments
Table 60: Johnson Controls International Plc Developments
Table 61: Legrand SA Developments
Table 62: Legrand SA Developments
Table 63: Lutron Electronics Co. Inc. Developments
Table 64: Royal Philips N.V. Developments
Table 65: Siemens Building Technologies AG Developments
Table 66: Schneider Electric SE. Developments
Table 67: Synapse Wireless Inc. Developments
Table 68: Teletask BVBA Developments
Table 69: Vivint Inc. Developments

## List Of Figures

### LIST OF FIGURES

- Summary Figure: Global Market for Smart Home, by Application, 2016-2022
- Figure 1: Value Chain for Smart Home Technology
- Figure 2: Global Market for Smart Home Technology for Wired Systems, by Region, 2016-2022
- Figure 3: Global Market for Smart Home Technology for Power Line Systems, by Region, 2016-2022
- Figure 4: Global Market for Smart Home Technology for Computing Networks, by Region, 2016-2022
- Figure 5: Global Market for Smart Home Technology for Wireless Systems, by Region, 2016-2022
- Figure 6: Global Market for Smart Home Technology, by Component, 2016-2022
- Figure 7: Global Market for Smart Home Technology for HVAC, by Region, 2016-2022
- Figure 8: Global Market for Smart Home Technology for Lighting, by Region, 2016-2022
- Figure 9: Global Market for Smart Home Technology for Water, by Region, 2016-2022
- Figure 10: Global Market for Smart Home Technology for Elevators, by Region, 2016-2022
- Figure 11: Global Market for Smart Home Technology for Parking, by Region, 2016-2022
- Figure 12: Global Market for Smart Home Technology for Entertainment, by Region, 2016-2022
- Figure 13: Global Market for Smart Home Technology for Fire Safety, by Region, 2016-2022
- Figure 14: Global Market for Smart Home Technology for Safety and Security, by Region, 2016-2022
- Figure 15: Global Market for Smart Home Technology for Other Applications, by Region, 2016-2022
- Figure 16: North American Market for Smart Home Technology, by Type, 2016-2022
- Figure 17: North American Market for Smart Home Technology, by Application, 2016-2022
- Figure 18: European Market for Smart Home Technology, by Type, 2016-2022
- Figure 19: European Market for Smart Home Technology, by Application, 2016-2022
- Figure 20: Asia-Pacific Market for Smart Home Technology, by Type, 2016-2022
- Figure 21: Asia-Pacific Market for Smart Home Technology, by Application, 2016-2022
- Figure 22: RoW Market for Smart Home Technology, by Type, 2016-2022
- Figure 23: Row Market for Smart Home Technology, by Application, 2016-2022

Figure 24: Patent Share for Smart Home Technologies, by Region, 2015-2017

Figure 25: Patent Share for Smart Home Technologies, by Year, 2015-2017

## I would like to order

Product name: Smart Home Technologies: Global Markets to 2022

Product link: <https://marketpublishers.com/r/SFB361D8A84EN.html>

Price: US\$ 1,250.00 (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/SFB361D8A84EN.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