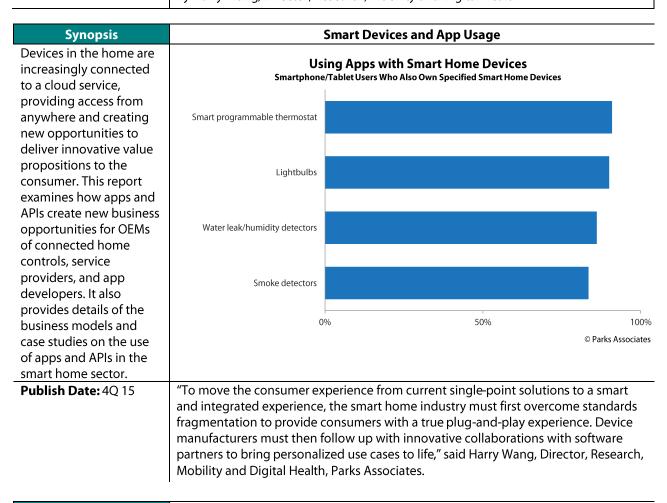


## Dashboard to Smart Home: Apps and APIs Table of Contents

By Harry Wang, Director, Research, Mobility and Digital Health



### Contents Dashboard 1.0 Report Summary 1.1 Purpose of Report 1.2 Scope of Report 1.3 Research Approach 2.0 Apps and APIs: Role in the Smart Home Ecosystem 2.1 Smart Home Landscape Interoperability: A Key Barrier to Smart Home Adoption 2.1.1 2.2 APIs and the Smart Home 2.2.1 Types of APIs for Smart Home 2.2.2 **API Design and Development Considerations** 2.3 Unique APIs for Smart Home Experiences 2.3.1 Smart Watch/Wearable APIs 2.3.2 Voice Control APIs 3.0 APIs: Critical Issues 3.1 API Management



# Dashboard to Smart Home: Apps and APIs Table of Contents

By Harry Wang, Director, Research, Mobility and Digital Health

- 3.2 API-related Security and Privacy
- 3.3 Monetization through API

#### 4.0 Case Studies

- 4.1 SmartThings
- 4.2 Apigee Link

### 5.0 Market Implications and Recommendations

### 6.0 Appendix

- 6.1 Company Index
- 6.2 Image Sources

Figures	
	Companies rese
	Technologies En

Companies researched or interviewed for the report

Technologies Enabling the Home Monitoring and Controls Market

Evolution of the Smart Home Value Proposition

Major Challenges to Build Seamless Smart Home Experiences

IoT Data Exchange Models

IoT Standards and Protocols

Using Apps with Smart Home Devices

Frequency of use of Smartphone, Tablet, or Computer to Control Smart Devices

**Smart Home Dashboard Apps** 

Smart Home Platform Segmentation: by Platform Openness and Installation Requirements

Device Intelligence Location – Advantages and Disadvantages

Smart Home Players on Apple Watch

Most Appealing Smart Watch Use Cases among Early Adopters

**API Management Services: Key Functions** 

**API Management: Unique Solution Providers** 

SmartThings' Device Partners

Apigee Link's Roles in a Smart Home

List of Companies			
	3Scale	loTivity	
	Alarm.com	Latch	
	AllJoyn	Leeo	
	Amazon	Life360	
	API.ai	Logitech	
	Apigee	Lowes	
	Apple	Lutron	
	Arrayent	Mashery	
	AT&T Digital Life	Microsoft	
	August	MisFit	
	Axway	Nest	
	Ayla Networks	Peq	
	CA Technologies	Philips	
	CastleOS	Qivicon	



# Dashboard to Smart Home: Apps and APIs Table of Contents

By Harry Wang, Director, Research, Mobility and Digital Health

Dropcam Quirky Facebook SmartThings Google Staples HomeSeer Temboo Honeywell **Thread Group** Huey Vera iControl Vivint Wink **IFTTT** Insteon Wit.ai

#### **Attributes**

Parks Associates 15950 N. Dallas Pkwy Suite 575 Dallas TX 75248

800.727.5711 toll free 972.490.1113 phone 972.490.1133 fax

parksassociates.com sales@ parksassociates.com Authored by Harry Wang Contributor: Tejas Mehta Executive Editor: Jennifer Kent Published by Parks Associates

© October 2015 Parks Associates Dallas, Texas 75248

All rights reserved. No part of this book may be reproduced, in any form or by any means, without permission in writing from the publisher.

Printed in the United States of America.

#### Disclaimer

Parks Associates has made every reasonable effort to ensure that all information in this report is correct. We assume no responsibility for any inadvertent errors.