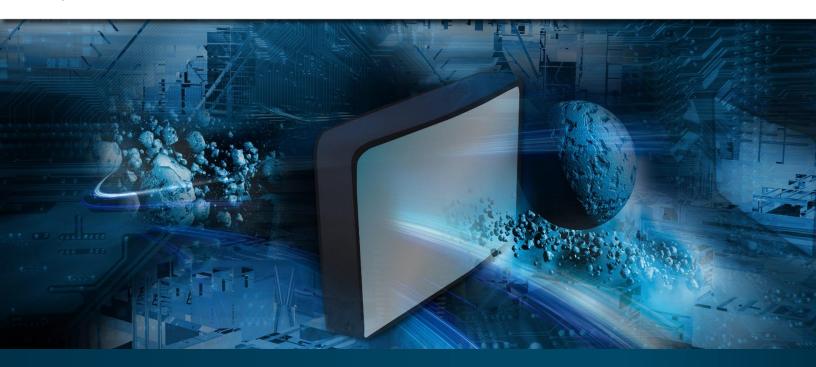
# **Industry Report**

Virtual Reality: Disrupting the Entertainment Experience

Table of Contents 2017



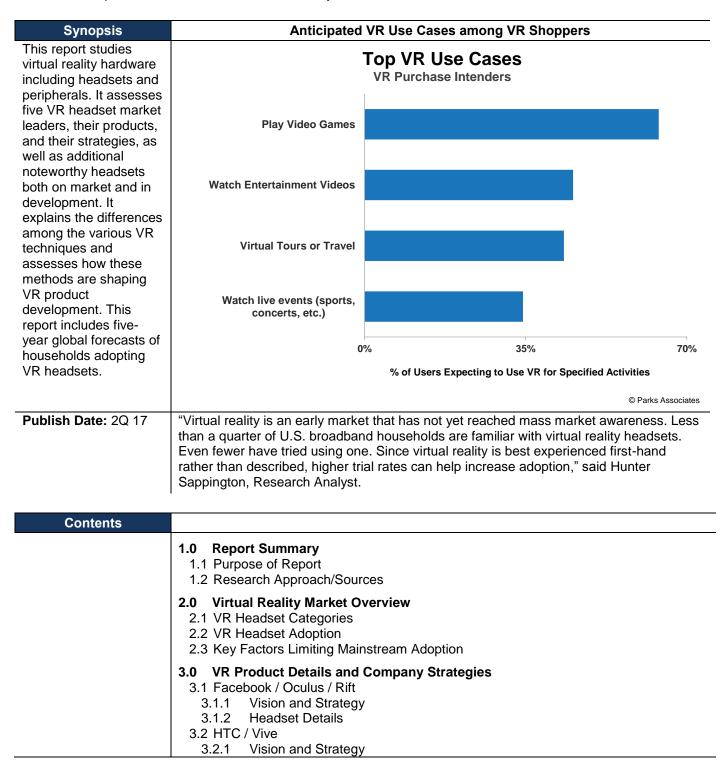




# Virtual Reality: Disrupting the Entertainment Experience

PRELIMINARY TABLE OF CONTENTS

By Hunter Sappington, Researcher; Glenn Hower, Senior Analyst; Jennifer Kent, Director, Research Quality and Product Development; and Tu Skuse, Research Analyst





# Virtual Reality: Disrupting the Entertainment Experience

## PRELIMINARY TABLE OF CONTENTS

- 3.2.2 Headset Details
- 3.3 Sony / PlayStation VR
  - 3.3.1 Vision and Strategy
  - 3.3.2 Headset Details
- 3.4 Samsung / Gear VR
  - 3.4.1 Vision and Strategy
  - 3.4.2 Headset Details
- 3.5 Google / Daydream VR
  - 3.5.1 Vision and Strategy
  - 3.5.2 Headset Details
- 3.6 VR Headset Comparisons: Strengths and Weaknesses
- 3.7 Other Headsets of Note
  - 3.7.1 Oculus Santa Cruz
  - 3.7.2 Intel's Project Alloy
  - 3.7.3 Sulon Q
  - 3.7.4 Alcatel Vision
  - 3.7.5 Windows 10 VR Headsets
  - 3.7.6 Fove VR
  - 3.7.7 StarVR
  - 3.7.8 OSVR

#### 4.0 Supporting Technology and Peripherals

- 4.1 Tracking and Control
- 4.1.1 Rotational Tracking
- 4.1.2 Positional Tracking
- 4.1.3 Hand and Body Tracking and Control
- 4.1.4 Eye Tracking and Control
- 4.1.5 Sensor Fusion
- 4.2 Future Innovations

## 5.0 Forecast: Global Virtual Reality Headset Penetration, 2017-2021

- 5.1 Forecast Assumptions
- 5.2 Forecast Methodology

### 6.0 Implications and Recommendations

#### 7.0 Appendix

- 7.1 Glossary
- 7.2 Index
- 7.3 Image Sources

#### **Figures**

Virtual Reality Timeline

VR Head-mounted Display Tiers

VR Headsets: Ownership, Purchases, and Purchase Intentions

Consumer Familiarity with VR/AR Headsets

Appeal of VR Use Cases to Purchase Intenders

User Experience with Virtual Reality Headsets

Oculus Rift Profile

**HTC Vive Profile** 

PlayStation VR Profile

Gear VR Profile



# Virtual Reality: Disrupting the Entertainment Experience

# PRELIMINARY TABLE OF CONTENTS

Daydream VR Profile

Leading VR Headset Comparisons: Strengths and Weaknesses

VR Movement: Six Degrees of Freedom Consumer VR Headset Forecast Methodology

VR Global Forecast: Households Owning VR Devices by Region, 2017-2021

## **List of Companies**

Acer
Alcatel
Facebook
Fove
GloveOne
Google
Hands Omni
HTC
Intel
Leap Motion

Manus VR
Oculus
OSVR
Samsung
Sony
StarVR
Sulon
Valve
VicoVR

#### **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 Glenn Hower, Hunter Sappington, Jennifer Kent, and Tu Skuse

Executive Editor: Jennifer Kent Published by Parks Associates

© June 2017 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.