Virtual Reality (VR) in Healthcare - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Virtual Reality (VR) in Healthcare in US$ Million. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Rest of World.

Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 49 companies including many key and niche players such as -

5DT (Fifth Dimension Technologies)
Brainlab AG
CAE Healthcare
DeepStream VR
EON Reality

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study
Virtual Reality (VR) in Healthcare

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
Virtual Reality - A Promising Future
Table 1: Virtual Reality (VR) Industry (2015-1H): Breakdown of Investments (Total Funding Raised) (includes corresponding Graph/Chart)
Virtual Reality in Healthcare - A Prelude
Why does the Healthcare Sector Need VR Technology?
Growth Drivers in a Nutshell
Virtual Reality Gains as a Diagnostic Tool
Potential Applications Drive Market Demand
Rising Prominence of Preventive Healthcare Spurs Demand in the Healthcare Sector
Market Outlook
Developed Regions Dominate the Market
Competitive Scenario

2. MARKET TRENDS, GROWTH DRIVERS AND ISSUES
Rising Penetration of Healthcare IT: A Business Case for VR Technologies
Table 2: Global Healthcare IT Market (2013): Percentage Share Breakdown of Spending by Sector (includes corresponding Graph/Chart)
Aging Population Drives Demand for VR Technology
Demographic Statistics of Aging Population: Unfurling the Market Potential
Table 3: Aging (65+) Demographics as a Percentage of Total Population for Major Countries: 2000, 2011, and 2020 (includes corresponding Graph/Chart)
Table 4: Global Aging Population (in Thousands) by Age Group: 1975, 2000, 2025, and 2050 (includes corresponding Graph/Chart)
Simulation-based Healthcare Training: A Robust Market for VR Technology
VR Gains Prominence in the Dentistry Sector
Virtual Reality in Cancer Therapy
VR Simulators for Surgical Robots Grow in Demand
Minimal/Non-invasive Surgery - A Major Area for VR
Medical Visualization Solutions: A Promising Market for VR Technology
Virtual Reality Grows in Importance in Pain Management
Virtual Reality for Management of pain in Burn Victims
Anxiety Disorders and Virtual Reality
VR to Help People with Substance Use Disorders
VR in Personal Fitness
VR Headsets for Vision Disorder
Data Generation - Crucial for VR in Healthcare
Virtual Reality Gain Acceptance in Remote Home Assessments
Technology Developments
The Oculus Rift - Virtual Reality for Healthcare
Virtual Reality Continues to Change the Healthcare Experience
Education and Training
Assisted Surgery
Clinical Programs
Rehabilitation & Therapy
3D Printing
Challenges to Reckon With
Cost: A Major Issue

3. TECHNOLOGY OVERVIEW
Virtual Reality: An Introduction
Virtual Reality Applications in Healthcare
Diagnosis
Therapy
Surgery
Education and Training
Web-based Surgical Training
A Peek into Application Areas
Surgical Planning
Surgical Planner
Surgical Simulators
Advantages of Surgical Simulators
Surgical Navigation Systems
Role of Medical Imaging
Image Guided Surgery
Frameless Image-Guided Surgery
Image Processing Technologies
Image Rendering
Dynamic or Interventional Imaging
Robot-assisted Surgical System
Surgical Robots
Semi-Autonomous Surgical Robot
Guided Surgical Robotic System
Teleoperated Surgical Robot
Major Issues in Practical Applications of VR
Costs
Lack of Standard Reference Parameters
Human Factors

4. PRODUCT INNOVATIONS/INTRODUCTIONS
Blippar Unveils Cardio VR for Google Cardboard
HelpMeSee Introduces Cataract Surgical Training Simulator

5. RECENT INDUSTRY ACTIVITY
HTC Funds Surgical Theater for VR and Image Guidance Software for Healthcare
Next Galaxy Inks Partnership with VR HealthNet
EchoPixel Receives FDA Clearance for True3D Viewer
Next Galaxy Inks with Miami Children’s Hospital to Develop Virtual Reality Applications
3D Systems Takes Over Simbionix
zSpace Partners with NGRAIN for Innovative Medical Visualization Solution
Surgical Theater Receives FDA Clearance for SNAP Device

6. FOCUS ON SELECT GLOBAL PLAYERS
5DT (Fifth Dimension Technologies) (US)
Brainlab AG (Germany)
CAE Healthcare (Canada)
DeepStream VR (US)
EON Reality (US)
GE Healthcare (US)
Intuitive Surgical, Inc. (US)
Medtronic, Inc. (US)
Mimic Technologies Inc. (US)
Philips Healthcare (The Netherlands)
Siemens Healthcare (Germany)
Stryker Corporation (US)
Surgical Science Sweden AB (Sweden)
Virtalis Limited (UK)
Virtual Realities, LLC (US)
Virtually Better, Inc. (US)
Vital Images, Inc. (US)
Vuzix Corporation (US)
WorldViz, LLC (US)
zSpace, Inc. (US)

7. GLOBAL MARKET PERSPECTIVE
Table 5: World Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 6: World Historic Review for Virtual Reality (VR) in Healthcare by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 7: World 14-Year Perspective for Virtual Reality (VR) in Healthcare by Geographic Region - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET
1. THE UNITED STATES
A. Market Analysis
Current & Future Analysis
Market Overview
Strategic Corporate Developments
Focus on Select Players
B. Market Analytics
Table 8: The US Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 9: The US Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Current & Future Analysis
CAE Healthcare - A Key Canadian Player
B. Market Analytics
Table 10: Canadian Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 11: Canadian Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)

3. JAPAN
Market Analysis
Table 12: Japanese Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market
4. EUROPE
Market Analysis
Table 14: European Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare by Geographic Region
France, Germany, Italy, UK and Rest of Europe Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 15: European Historic Review for Virtual Reality (VR) in Healthcare by Geographic Region - France, Germany, Italy, UK and Rest of Europe Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 16: European 14-Year Perspective for Virtual Reality (VR) in Healthcare by Geographic Region - Percentage Breakdown of Revenues for France, Germany, Italy, UK and Rest of Europe Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
4a. FRANCE
A. Market Analysis
Current & Future Analysis
B. Market Analytics
Table 17: France Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 18: France Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)
4b. GERMANY
A. Market Analysis
Current & Future Analysis
Focus on Select Players
B. Market Analytics
Table 19: Germany Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 20: Germany Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)
4c. ITALY
A. Market Analysis
Current & Future Analysis
B. Market Analytics
Table 21: Italy Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 22: Italy Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)
4d. THE UNITED KINGDOM
A. Market Analysis
Current & Future Analysis
Product Launch
Virtalis Limited - A Key Player
B. Market Analytics
Table 23: The UK Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 24: The UK Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)
4e. REST OF EUROPE
A. Market Analysis
Current & Future Analysis
Focus on Select Players
B. Market Analytics
Table 25: Rest of Europe Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 26: Rest of Europe Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual
5. ASIA-PACIFIC
A. Market Analysis
   Current & Future Analysis
   Product Launch
B. Market Analytics
   Table 27: Asia-Pacific Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
   Table 28: Asia-Pacific Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)

6. REST OF WORLD
A. Market Analysis
   Current & Future Analysis
B. Market Analytics
   Table 29: Rest of World Recent Past, Current & Future Analysis for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
   Table 30: Rest of World Historic Review for Virtual Reality (VR) in Healthcare Market Analyzed with Annual Revenues in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 49 (including Divisions/Subsidiaries - 52)

The United States (31)
Canada (2)
Japan (1)
Europe (17)
   - Germany (5)
   - The United Kingdom (3)
   - Rest of Europe (9)
Asia-Pacific (Excluding Japan) (1)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2228075/
Order by Fax - using the form below
Order by Post - print the order form below and send to
   Research and Markets,
   Guinness Centre,
   Taylors Lane,
   Dublin 8,
   Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Virtual Reality (VR) in Healthcare - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/2228075/
Office Code: SCPLJD21

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 4950</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6930</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users</td>
<td></td>
<td>USD 9405</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users</td>
<td></td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA

+353-1-481-1716 or +353-1-653-1571 - From Rest of World