
Description: The use of virtual reality (VR) technologies in the healthcare field is not simply a far-away future possibility. Technologies are already in place and the benefits from the application of VR are already evident in the healthcare domain. These applications provide doctors an opportunity to perform tasks in a risk-free environment, and make training accessible for a large number of students as the apprenticeship of experienced doctors is not necessary. Additionally, VR simulators allow medical professionals to remain abreast with the latest technical procedures required in the profession.

Kalorama Information's Virtual Reality in U.S. Healthcare looks at the realistic market for these technologies as divided on the basis of four application areas: Surgery, including pre-operative planning, Assisted surgery and Remote Surgery. Education and Training, including Training of Physicians and Certifying Experienced Physicians. Rehabilitation and Therapy, including Psychological Therapy and Pain Distraction. Visualization of Medical Data including Diagnostic Tools, 3D modeling and Remote Collaboration. For each segment, the report details current market size, growth factors and trends, and forecasts to 2010.

Additionally, this report contains a complete demand-side analysis demonstrating the drivers for VR applications in the following customer areas:

- The Department of Defense for Remote Surgery Assistance, Training, Patient Rehabilitation
- Medical Schools seeking to enhance Training Programs
- Hospitals for Training and Specialty Surgery Certification.
- Medical Equipment Manufacturers Seeking to design appropriate models.

As part of Kalorama's information-gathering process, both primary and secondary sources make up this report. Trade and medical literature were researched, as well as company and government data. True insights originated from interviews with executives at companies operating in the healthcare and VR industries.

Healthcare is an important marketplace for emerging technologies, this is one of several areas of healthcare technology that Kalorama Information has looked into. Along with Kalorama Information's RFID Opportunities in Healthcare and Wireless Opportunities in Healthcare marketing and product management executives at technology and healthcare companies will find this report a useful resource.

Contents: Chapter One: Executive Summary

1.1 The Healthcare Industry
1.2 Information Technology (IT) Market in Healthcare
1.3 Virtual Reality Industry
1.4 Virtual Reality Systems
1.5 Virtual Reality Market
1.5.1 Market Definition
1.5.2 Market Overview

1.6 Virtual Reality Market in Healthcare
1.7 Application of Virtual Reality In Healthcare
1.8 Demand-Side Analysis
1.9 Regulatory Environment
1.10 Conclusions and Future Outlook

Chapter Two: Overview

2.1 Healthcare Industry
2.1.1 Market Overview
2.1.2 Categorization of Healthcare Services
2.1.2.1 Healthcare Service Providers
2.1.2.2 Healthcare Industry Value Chain
2.1.3 Trends
2.1.4 Challenges

2.2 Information Technology (IT) Market in Healthcare

2.3 Virtual Reality Industry
2.3.1 Definition
2.3.2 Applications
2.3.3 Virtual Reality Systems
2.3.3.1 Design Processes of VR System
2.3.3.2 Classification of VR Systems
2.3.3.3 Input Devices
2.3.3.4 Feedback
2.3.4 Virtual Reality Market
2.3.4.1 Overview
2.3.4.2 Government Initiatives
2.3.5 Analysis of Factors Affecting the Virtual Reality Industry
2.3.5.1 Projection Display Systems
2.3.5.2 Semiconductor Devices Industry
2.3.5.3 Computer Product and Computer Peripherals Industry
2.3.6 Trends
2.3.6.1 Widespread Use of Internet Provides Affordable Solutions
2.3.6.2 Digitization of Medical Records
2.3.7 Challenges
2.3.7.1 Technology Limitations
2.3.7.2 Prohibitive Cost of Systems
2.3.7.3 Concerns about Safety and Health
2.3.8 Commercialization of VR Systems

Chapter Three: Opportunities for Virtual Reality in Healthcare

3.1 Virtual Reality in Health Industry
3.1.1 Introduction
3.1.1.1 Market Overview
3.1.2 Advantages
3.1.2.1 Hands-On Training
3.1.2.2 Assessment and Certification of Skills
3.1.2.3 Training in Newly Discovered Medical Protocols
3.1.2.4 Risk-Free Training
3.1.2.5 Gaining Confidence in New and Complex Procedures
3.1.2.6 Insights into Medical Condition of the Patient
3.1.3 Challenges
3.1.3.1 Medical Economics
3.1.3.2 Legal Implications
3.1.3.3 Insufficient Interfaces

3.2 Healthcare Industry Segmentation for Virtual Reality Applications
3.2.1 Applications of Virtual Reality in Surgery
3.2.1.1 Pre-Operative Planning
3.2.1.2 Robot-Assisted Surgery
3.2.1.3 Minimum Invasive Surgery
3.2.1.4 Augmented Reality Surgery
3.2.2 Application of Virtual Reality in Rehabilitation and Therapy
3.2.2.1 Psychological and Physical Rehabilitation
3.2.2.2 Tele-rehabilitation
3.2.3 Application of Virtual Reality in Visualization of Medical Data
3.2.3.1 Insights into the Medical Condition of a Patient
3.2.3.2 Diagnostics
3.2.4 Application of Virtual Reality in Education and Training
3.2.4.1 Interactive Learning
3.2.4.2 Teaching of Anatomy
3.2.4.3 Performance Analysis
3.2.4.4 Training on Uncommon Emergency Procedures
3.2.4.5 Training in Surgery

3.3. Opportunities in Virtual Reality Market based on Therapeutic Areas
3.3.1 Cardiology
3.3.2 Psychology
3.3.3 Radiology
3.3.4 Oncology

Chapter Four: Demand-Side Analysis

4.1 Introduction
4.2 Key Customer Segments
4.2.1 Department of Defense
4.2.1.1 Overview
4.2.1.2 The US DoD’s Expenditure on Healthcare
4.2.1.3 Virtual Reality Requirement for US DoD
4.2.2 Medical Schools
4.2.2.1 Shortage of Physicians: Need to Provide Assistance to a Large Number of Professionals
4.2.2.2 High Cost of Training
4.2.2.3 Lifelong Training in Advanced Technology for Physicians
4.2.2.4 Objective Assessment
4.2.3 Hospitals
4.2.3.1 Shrinking Margins
4.2.3.2 Medical Negligence: Third Largest Cause of Deaths in US
4.2.4 Manufacturers of Medical Equipment
4.2.4.1 Overview
4.2.4.2 Challenges Faced by Manufacturers while Introducing New Products
4.2.4.3 VR Solutions for the Challenges Faced by Medical Equipment Manufacturers

Chapter Five: Case Studies

5.1 CASE STUDY: Virtual Reality in Rehabilitation and Therapy
5.1.1 Use of Virtual Reality to Combat Post-Traumatic Stress Disorder (PTSD)
5.1.2 Use of Virtual Reality to Facilitate Pain Distraction

5.2 CASE STUDY: Virtual Reality in Visualization of Medical Data
5.2.1 Use of Virtual Reality for Diagnosis of a Calcified Heart

5.3 CASE STUDY: Virtual Reality in Surgery
5.3.1 Use of Virtual Reality for Removing Brain Tumors

5.4 CASE STUDY: Virtual Reality in Education and Training
5.4.1 Use of Virtual Reality for Training Professionals in Laparoscopic Cholecystectomy

Chapter Six: Regulatory Environment

6.1 Introduction
6.2 International Standards Organization
6.2.1 ISO 13407:1999 - Human-Centered Design Processes for Interactive Systems

6.3 Food and Drug Administration
6.4 Health Insurance Portability and Accountability Act
6.4.1 Privacy Rule
6.4.2 Security Rule

Chapter Seven: Conclusions

7.1 First Conclusion
7.2 Second Conclusion
7.3 Third Conclusion
7.4 Fourth Conclusion
7.5 Fifth Conclusion
7.6 Sixth Conclusion
7.7 Seventh Conclusion
7.8 Eighth Conclusion
7.9 Ninth Conclusion

Chapter Eight: Company Profiles

8.1 Ascension Technology Corporation
8.1.1 Key Facts
8.1.2 Company Overview
8.1.3 Geographical Presence
8.1.4 Business Line and Product Portfolio
8.1.5 Key Executives
8.1.6 Recent Developments
8.1.7 Company Strategy

8.2 Fifth Dimension
8.2.1 Key Facts
8.2.2 Company Overview
8.2.3 Geographical Presence
8.2.4 Business Lines
8.2.5 Key Executives
8.2.6 Product Portfolio
8.2.7 Company Strategy

8.3 Immersion Corporation
8.3.1 Key Facts
8.3.2 Company Overview
8.3.3 Geographical Presence and Subsidiaries
8.3.4 Business Lines
8.3.5 Key Executives
8.3.6 Product Portfolio
8.3.7 Performance Review
8.3.7.1 Revenue Performance
8.3.7.2 Performance of Geographic Segments
8.3.7.3 Revenues Earned by Immersion Medical, Inc.
8.3.8 Recent Developments
8.3.9 Company Strategy

8.4 Intuitive Surgical, Inc.
8.4.1 Key Facts
8.4.2 Company Overview
8.4.3 Geographical Presence
8.4.4 Key Executives
8.4.5 Business Lines and Product Portfolio
8.4.6 Performance Review
8.4.6.1 Revenue Performance
8.4.6.2 Performance of Product Segments
8.4.7 Recent Developments
8.4.7.1 Technology Acquisitions
8.4.7.2 Reorganization of Its International Operation
8.4.8 Company Strategy

8.5 Mechdyne Corporation
8.5.1 Key Facts
8.5.2 Company Overview
8.5.3 Geographical Presence
8.5.4 Business Lines and Product Portfolio
8.5.5 Key Executives
8.5.6 Recent Developments
8.5.7 Company Strategy

8.6 Medtronic, Inc.
8.6.1 Key Facts
8.6.2 Company Overview
8.6.3 Geographical Presence and Subsidiaries
8.6.4 Business Lines
8.6.5 Key Executives
8.6.6 Product Portfolio
8.6.7 Performance Review
8.6.7.1 Revenue Performance
8.6.7.2 Performance of Geographic Segments
8.6.7.3 Performance of Operating Segments
8.6.8 Recent Developments
8.6.9 Company Strategy

8.7 Mentice AB
8.7.1 Key Facts
8.7.2 Company Overview
8.7.3 Geographical Presence
8.7.4 Business Lines and Product Portfolio
8.7.5 Key Executives
8.7.6 Company Strategy

TABLE OF EXHIBITS

Chapter One: Executive Summary

Figure 1-1: Flow of Processes in a VR System
Figure 1-2: Worldwide Market Size for All VR Applications (2000-2010)
Figure 1-3: Virtual Reality Market in US Healthcare Sector (2004-2010)

Chapter Two: Overview

Figure 2-1: Healthcare vs. Other Sectors in Contribution to US GDP (2006)
Figure 2-2: US Healthcare Spending (2005-2015)
Figure 2-3: Market Players in Healthcare Industry
Figure 2-4: Value Chain of Healthcare Industry
Figure 2-5: The US Spending on HIT (2002-2008)
Figure 2-6: Complete VR System
Figure 2-7: Flow of Processes in VR System
Figure 2-8: Classification of VR Systems
Table 2-1: Features of VR Systems
Figure 2-9: Market Size for VR Applications (2000-2006)
Figure 2-10: Market Size Forecast for VR Applications (2007-2010)
Figure 2-11: Break-up of VR Market - By Geography (2006)
Figure 2-12: Break-up of Global VR Market (2006)
Table 2-2: Project, Institute, and Funding Provided under ATP (till 2006)
Figure 2-13: Projector Display Industry - Value of Shipments vs PPI (2003-2006)
Figure 2-14: Computing Speed of Intel Processors (1994-2006)
Figure 2-15: Semiconductor Industry - Value of Shipment vs PPI (2002-2006)
Figure 2-16: Computer Manufacturing Industry - Value of Shipment vs PPI (2002-2006)
Figure 2-17: Commercialization Cycle for Virtual Reality Products

Chapter Three: Opportunities for Virtual Reality in Healthcare

Figure 3-1: VR Market in US Healthcare Sector (2004-2010)
Figure 3-2: Break-up of VR Application Areas in US Healthcare Market (2006)
Table 3-1: Key Conferences Covering VR Industry
Figure 3-3: Applications of Virtual Reality in Health Industry
Figure 3-4: Market Size for VR in Surgery (2004-2010)
Figure 3-5: Application of VR in Surgery
Figure 3-6: Market for VR in Rehabilitation and Therapy (2004-2010)
Figure 3-7: Market for VR in Visualization of Medical Data (2004-2010)
Figure 3-8: Application of Virtual Reality in Education and Training
Figure 3-9: Market Size for VR in Education and Training (2004-2010)
Table 3-2: Annual Data: Cost of Illness and Number of Patients
Figure 3-10: Direct Costs of Cardiovascular Diseases: 2007 (in USD billion)

Chapter Four: Demand-Side Analysis

Figure 4-1: Break-up of US DoD's Healthcare Expenditure (2006)
Figure 4-2: US Department of Defense Expenditure on Health (2003-2007)
Figure 4-3: Comparative Index: Number of Physicians Present and Required per 100,000 US population
Table 4-1: Number of Doctors in US: Age Distribution
Figure 4-5: Number of Hospitals in US (1975-2005)
Table 4-2: Causes of Deaths in Hospitals
Figure 4-6: Market Supply for Electromedical Equipment in US (2001-2006)

Chapter Five: Case Studies

Figure 5-1: Patient Pain Ratings with the Use of Morphine
During Wound Care
Figure 5-2: Patient Pain Ratings with/without the Use of VR
during Wound Care

Chapter Eight: Company Profiles

Table 8-1: Corporate Details of Ascension Technology Corporation
Table 8-2: Resellers for Ascension Technology
Table 8-3: Third-Party Devices and Vendors
Table 8-4: Applications and Procedures
Table 8-5: Key Executives: Mentice
Table 8-6: Corporate Details of Fifth Dimension
Table 8-7: Resellers for Fifth Dimension
Table 8-8: Key Executives: Fifth Dimension
Table 8-9: Self-developed Products
Table 8-10: Hardware Products Distributed - Company and Product
Table 8-11: Corporate Details of Immersion Corporation
Table 8-12: Geographical Presence of Immersion Corporation
Table 8-13: Key Executives of Immersion Corporation
Table 8-14: Product Portfolio
Figure 8-1: Annual Revenues of Immersion Corporation (2001-2006)
Figure 8-2: Revenues Earned by Immersion Corporation in 2006
Figure 8-3: Annual Revenues of Immersion Medical, Inc. (2002-2006)
Table 8-15: Corporate Details of Intuitive Surgical, Inc.
Table 8-16: Key Executives of Intuitive Surgical, Inc.
Figure 8-4: Intuitive Surgical Revenue Performance (2001-2005)
Figure 8-5: Intuitive Surgical Revenues by Product Segment (2006)
Table 8-17: Corporate Details of Mechdyne Corporation
Table 8-18: Key Executives of Mechdyne
Table 8-19: Corporate Details of Medtronic, Inc.
Table 8-20: Geographical Presence of Medtronic, Inc.
Table 8-21: Key Executives of Medtronic, Inc.
Table 8-22: Product Portfolio
Figure 8-6: Revenues of Medtronic, Inc. (2002-2006)
Figure 8-7: Medtronic, Inc. Revenues by Geography (2006)
Figure 8-8: Medtronic, Inc. Revenues by Operating Segments (2006)
Table 8-23: Partners: Medtronic Navigation
Table 8-24: Corporate Details of Mentice AB
Table 8-25: Subsidiaries of Mentice
Table 8-26: Distributors of Mentice
Table 8-27: Key Executives: Mentice

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