

# **Volumetric Display Market by Component (Projector, Motor & Position Sensor), Technology (DLP and LCOS), Display Type (Swept and Static), Application (Medical, Aerospace & Defense and Oil & Gas), Geography - Global Trend & Forecast to 2015 - 2020**

<https://marketpublishers.com/r/V3CD2B2E3C8EN.html>

Date: June 2015

Pages: 142

Price: US\$ 5,650.00 (Single User License)

ID: V3CD2B2E3C8EN

## **Abstracts**

Volumetric displays generate a true 3D image by illuminating points in a 3D space. These displays typically have a 360° field of view, and a user does not have to wear shutter glasses or head-trackers to view an image; this is one of the advantages of volumetric displays over other 3D displays. Volumetric displays are incorporated with different components such as projectors, motor & position sensors, and mirrors. These displays don't require much computation for data processing. Volumetric displays can be incorporated into a future computer system as a second monitor; 3D monitors could have applications in data visualization, clinical diagnosis, military training, movies, and games. This report covers the volumetric display market and provides an in-depth analysis of each sub-segment of the market. The market statistics are given from 2014 and have been further projected till 2020, thereby offering crucial insights about the market.

The report segments the volumetric display components into projectors, motor & position sensors, mirrors, rendering software, and rendering electronics. These components form a volumetric ecosystem, creating a real 3D image.

Volumetric displays are developed based on two technologies- digital light processing (DLP) and liquid crystal on silicon (LCoS). The digital light processing technology is used more widely than liquid crystal on silicon because the cost of LCoS is high compared to DLP.

The report covers the market for volumetric displays based on technologies, display types, applications, and geography. Volumetric displays have applications in various sectors such as medical, aerospace & defense, automotive, industrial, education, and entertainment. The medical sector has large application compared to the other sectors.

3DIcon Corporation (U.S.), Voxon (U.S.), LightSpace Technologies Inc. (U.S.), Holografika Kft. (Hungary), Zebra Imaging (U.S.), Holoxica (U.K.), Burton Inc. (Japan), LEIA Inc. (U.S.), Seekway Technologies (China), and Alioscopy (France) are some of the key companies in the volumetric display market. This report covers the competitive landscape of these players, which includes the key growth strategies and recent developments.

The volumetric display market has been segmented based on region into North America, Europe, Asia-Pacific, and Rest of the World (RoW).

This report describes the value chain for the volumetric display market by considering the major stakeholders in the market and their subsequent roles in the analysis. The report also provides a detailed analysis of Porter's Five Forces. The five major factors pertaining to this framework have been quantified for this market by using the internal key parameters governing the same.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1.1 SECONDARY DATA
  - 2.1.1.1 Key data from secondary sources
- 2.1.2 PRIMARY DATA
  - 2.1.2.1 Key data from primary sources
  - 2.1.2.2 Key industry insights
  - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
  - 2.2.1 BOTTOM-UP APPROACH
  - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS AND LIMITATIONS
  - 2.4.1 ASSUMPTIONS
  - 2.4.2 LIMITATIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES FOR THE VOLUMETRIC DISPLAY MARKET
- 4.2 VOLUMETRIC DISPLAY MARKET–MAJOR SEGMENTS
- 4.3 VOLUMETRIC DISPLAY MARKET IN THE ASIA-PACIFIC REGION
- 4.4 NORTH AMERICA IS EXPECTED TO EMERGE AS THE FASTEST GROWING MARKET BETWEEN 2015 AND 2020
- 4.5 VOLUMETRIC DISPLAY MARKET: APPLICATION, 2014 TO 2020

- 4.6 VOLUMETRIC DISPLAY MARKET: DEVELOPED VS DEVELOPING NATIONS
- 4.7 VOLUMETRIC DISPLAY MARKET: MEDICAL AND AEROSPACE & DEFENSE SECTORS (2020)

## **5 MARKET OVERVIEW**

### 5.1 INTRODUCTION

### 5.2 MARKET SEGMENTATION

#### 5.2.1 BY COMPONENT

#### 5.2.2 BY TECHNOLOGY

#### 5.2.3 BY DISPLAY TYPE

#### 5.2.4 BY INDUSTRY

#### 5.2.5 BY GEOGRAPHY

### 5.3 MARKET DYNAMICS

#### 5.3.1 DRIVERS

5.3.1.1 Need for advanced medical imaging devices for better treatment will drive the volumetric display market

5.3.1.2 Technological advancements in 3D displays

#### 5.3.2 RESTRAINTS

5.3.2.1 Requirement of advanced software and electronic components

5.3.2.2 The cost factor affecting the growth of volumetric display market

#### 5.3.3 OPPORTUNITIES

5.3.3.1 Commercialization of the volumetric display market

5.3.3.2 Potential application of volumetric displays in telemedicine and surgery

5.3.3.3 Advancements in the volumetric display technology for applications in consumer service sectors

#### 5.3.4 CHALLENGE

5.3.4.1 Lack of technological awareness

## **6 INDUSTRY ANALYSIS**

### 6.1 INTRODUCTION

### 6.2 VALUE CHAIN ANALYSIS

### 6.3 SUPPLY CHAIN ANALYSIS

#### 6.3.1 KEY INFLUENCERS

### 6.4 INDUSTRY TRENDS

### 6.5 PORTER'S FIVE FORCES MODEL

#### 6.5.1 THREAT OF NEW ENTRANTS

#### 6.5.2 THREAT OF SUBSTITUTES

- 6.5.3 BARGAINING POWER OF BUYERS
- 6.5.4 BARGAINING POWER OF SUPPLIERS
- 6.5.5 COMPETITIVE RIVALRY
- 6.6 STRATEGIC BENCHMARKING
  - 6.6.1 TECHNOLOGY INTEGRATION & PRODUCT ENHANCEMENT

## **7 VOLUMETRIC DISPLAY MARKET, BY COMPONENT**

- 7.1 INTRODUCTION
- 7.2 PROJECTOR
- 7.3 MOTOR & POSITION SENSOR
- 7.4 MIRROR
- 7.5 OTHERS
  - 7.5.1 RENDERING SOFTWARE
  - 7.5.2 RENDERING ELECTRONICS

## **8 VOLUMETRIC DISPLAY MARKET, BY TECHNOLOGY**

- 8.1 INTRODUCTION
- 8.2 DIGITAL LIGHT PROCESSING (DLP) TECHNOLOGY
- 8.3 LIQUID CRYSTAL ON SILICON (LCOS) TECHNOLOGY

## **9 VOLUMETRIC DISPLAY MARKET, BY DISPLAY TYPE**

- 9.1 INTRODUCTION
- 9.2 SWEPT VOLUME DISPLAY
  - 9.2.1 OSCILLATING
  - 9.2.2 ROTATING
- 9.3 STATIC VOLUME DISPLAY
- 9.4 MULTI-PLANAR VOLUMETRIC DISPLAY

## **10 VOLUMETRIC DISPLAY MARKET, BY APPLICATION**

- 10.1 INTRODUCTION
- 10.2 MEDICAL
- 10.3 AEROSPACE & DEFENSE
- 10.4 AUTOMOTIVE
- 10.5 OIL & GAS
- 10.6 OTHER APPLICATIONS

10.6.1 EDUCATION

10.6.2 ENTERTAINMENT

## **11 GEOGRAPHIC ANALYSIS**

11.1 INTRODUCTION

11.2 NORTH AMERICA

11.2.1 U.S.

11.2.2 REST OF NORTH AMERICA

11.3 EUROPE

11.3.1 GERMANY

11.3.2 U.K.

11.3.3 FRANCE

11.3.4 REST OF EUROPE

11.4 APAC

11.4.1 CHINA

11.4.2 JAPAN

11.4.3 INDIA

11.4.4 SOUTH KOREA

11.4.5 REST OF ASIA-PACIFIC

11.5 REST OF THE WORLD (ROW)

11.5.1 MIDDLE EAST & AFRICA

11.5.2 LATIN AMERICA

## **12 COMPETITIVE LANDSCAPE**

12.1 OVERVIEW

12.2 MAJOR COMPANIES – VOLUMETRIC DISPLAY MARKET, 2014

12.3 COMPETITIVE SITUATION AND TRENDS

12.4 BATTLE FOR THE MARKET SHARE: NEW PRODUCT LAUNCHES, PARTICIPATING IN PROMOTIONAL ACTIVITIES & EVENTS, AND PARTNERSHIPS WERE THE KEY STRATEGIES ADOPTED BY MANY PLAYERS

12.4.1 NEW PRODUCT LAUNCHES AND DEVELOPMENTS

12.4.2 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, AND JOINT VENTURES

12.4.3 OTHER DEVELOPMENTS

## **13 COMPANY PROFILES**

(Overview, Products and Services, Financials, Strategy & Development)\*

- 13.1 3DICON CORP.
- 13.2 HOLOGRAFIKA KFT
- 13.3 LIGHTSPACE TECHNOLOGIES.
- 13.4 HOLOXICA LIMITED
- 13.5 ZEBRA IMAGING
- 13.6 VOXON
- 13.7 BURTON INC.
- 13.8 JIANGMEN SEEKWAY TECHNOLOGY LTD.
- 13.9 LEIA INC
- 13.10 ALIOSCOPY

\*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

## **14 APPENDIX**

- 14.1 INSIGHTS OF INDUSTRY EXPERTS
- 14.2 DISCUSSION GUIDE
- 14.3 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 14.4 AVAILABLE CUSTOMIZATIONS
- 14.5 RELATED REPORTS

## List Of Tables

### LIST OF TABLES

Table 1 MEDICAL IMAGING AND HEALTHCARE APPLICATIONS ARE EXPECTED TO PROPEL THE GROWTH OF THE VOLUMETRIC DISPLAY MARKET

Table 2 HIGH COST MAY OBSTRUCT THE GROWTH OF THE VOLUMETRIC DISPLAY MARKET

Table 3 THE ON-GOING R&D AND ADVANCEMENTS IN THE VOLUMETRIC DISPLAY TECHNOLOGY ARE EXPECTED TO INCREASE ITS APPLICATIONS IN THE FUTURE

Table 4 LACK OF AWARENESS

Table 5 SOME OF THE PROMINENT COMPANIES IN THE VOLUMETRIC DISPLAY MARKET

Table 6 VOLUMETRIC DISPLAY MARKET SIZE, BY COMPONENT, 2014 – 2020 (\$MILLION)

Table 7 GLOBAL VOLUMETRIC DISPLAY MARKET SIZE, BY TECHNOLOGY, 2014-2020 (\$MILLION)

Table 8 DIGITAL LIGHT PROCESSING (DLP) TECHNOLOGY MARKET SIZE, BY DISPLAY TYPE, 2014-2020 (\$MILLION)

Table 9 VOLUMETRIC DISPLAY MARKET SIZE FOR LIQUID CRYSTAL ON SILICON (LCOS) TECHNOLOGY, BY DISPLAY TYPE, 2014-2020 (\$MILLION)

Table 10 VOLUMETRIC DISPLAY MARKET SIZE, BY DISPLAY TYPE, 2014 – 2020 (\$MILLION)

Table 11 SWEPT VOLUMETRIC DISPLAY MARKET SIZE, BY TECHNOLOGY, 2014 – 2020 (\$MILLION)

Table 12 SWEPT VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION 2014 – 2020 (\$MILLION)

Table 13 STATIC VOLUMETRIC DISPLAY MARKET SIZE, BY TECHNOLOGY, 2014 – 2020 (\$MILLION)

Table 14 STATIC VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 15 MULTI-PLANAR VOLUMETRIC DISPLAY MARKET SIZE, BY TECHNOLOGY, 2014 – 2020 (\$MILLION)

Table 16 MULTI-PLANAR VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014– 2020 (\$MILLION)

Table 17 VOLUMETRIC DISPLAY MARKET SIZE, BY INDUSTRY, 2014 – 2020 (\$MILLION)

Table 18 VOLUMETRIC DISPLAY MARKET IN THE MEDICAL SECTOR, BY DISPLAY



TYPE, 2014 – 2020 (\$MILLION)

Table 19 VOLUMETRIC DISPLAY MARKET IN THE MEDICAL SECTOR, BY GEOGRAPHY, 2014 – 2020 (\$MILLION)

Table 20 NORTH AMERICA: VOLUMETRIC DISPLAY MARKET IN THE MEDICAL SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 21 EUROPE: VOLUMETRIC DISPLAY MARKET IN THE MEDICAL SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 22 APAC: VOLUMETRIC DISPLAY MARKET IN THE MEDICAL SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 23 ROW: VOLUMETRIC DISPLAY MARKET IN THE MEDICAL SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 24 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE AEROSPACE & DEFENSE SECTOR, BY DISPLAY TYPE, 2014 – 2020 (\$MILLION)

Table 25 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE AEROSPACE & DEFENSE SECTOR, BY GEOGRAPHY, 2014 – 2020 (\$MILLION)

Table 26 NORTH AMERICA: VOLUMETRIC DISPLAY MARKET IN THE AEROSPACE & DEFENSE SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 27 EUROPE: VOLUMETRIC DISPLAY MARKET IN THE AEROSPACE & DEFENSE SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 28 APAC: VOLUMETRIC DISPLAY MARKET IN THE AEROSPACE & DEFENSE SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 29 ROW: VOLUMETRIC DISPLAY MARKET IN THE AEROSPACE & DEFENSE SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 30 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE AUTOMOTIVE SECTOR, BY DISPLAY TYPE, 2014 – 2020 (\$MILLION)

Table 31 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE AUTOMOTIVE SECTOR, BY GEOGRAPHY, 2014 – 2020 (\$MILLION)

Table 32 NORTH AMERICA VOLUMETRIC DISPLAY MARKET IN THE AUTOMOTIVE SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 33 EUROPE VOLUMETRIC DISPLAY MARKET IN THE AUTOMOTIVE SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 34 APAC VOLUMETRIC DISPLAY MARKET IN THE AUTOMOTIVE SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 35 ROW VOLUMETRIC DISPLAY MARKET IN THE AUTOMOTIVE SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 36 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE OIL & GASOIL & GAS SECTOR, BY DISPLAY TYPE, 2014 – 2020 (\$MILLION)

Table 37 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE OIL & GAS SECTOR, BY GEOGRAPHY, 2014 – 2020 (\$MILLION)

Table 38 NORTH AMERICA: VOLUMETRIC DISPLAY MARKET IN THE OIL & GAS SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 39 EUROPE: VOLUMETRIC DISPLAY MARKET IN THE OIL & GAS SECTOR, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 40 APAC: VOLUMETRIC DISPLAY MARKET IN THE OIL & GAS SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 41 ROW: VOLUMETRIC DISPLAY MARKET IN THE OIL & GAS SECTOR, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 42 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE OTHER SECTORS, BY DISPLAY TYPE, 2014 – 2020 (\$MILLION)

Table 43 GLOBAL VOLUMETRIC DISPLAY MARKET IN THE OTHER SECTORS, BY GEOGRAPHY, 2014 – 2020 (\$MILLION)

Table 44 NORTH AMERICA: VOLUMETRIC DISPLAY MARKET IN THE OTHER SECTORS, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 45 EUROPE: VOLUMETRIC DISPLAY MARKET IN THE OTHER SECTORS, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 46 APAC: VOLUMETRIC DISPLAY MARKET IN THE OTHER SECTORS, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 47 ROW: VOLUMETRIC DISPLAY MARKET IN THE OTHER SECTORS, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 48 NORTH AMERICA: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014–2020 (\$MILLION)

Table 49 NORTH AMERICA: VOLUMETRIC DISPLAY MARKET SIZE, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 50 U.S.: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 51 REST OF NORTH AMERICA: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 52 EUROPE: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 53 EUROPE: VOLUMETRIC DISPLAY MARKET SIZE, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 54 GERMANY: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 55 U.K.: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 56 FRANCE: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 57 REST OF EUROPE: VOLUMETRIC DISPLAY MARKET SIZE, BY

APPLICATION, 2014 – 2020 (\$MILLION)

Table 58 APAC: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 59 APAC: VOLUMETRIC DISPLAY MARKET SIZE, BY COUNTRY, 2014 – 2020 (\$MILLION)

Table 60 CHINA: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 61 JAPAN: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 62 INDIA VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$THOUSAND)

Table 63 SOUTH KOREA: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$MILLION)

Table 64 REST OF ASIA PACIFIC: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$THOUSAND)

Table 65 ROW: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$THOUSAND)

Table 66 ROW: VOLUMETRIC DISPLAY MARKET SIZE, BY COUNTRY, 2014 – 2020 (\$THOUSAND)

Table 67 MIDDLE EAST & AFRICA: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$THOUSAND)

Table 68 LATIN AMERICA: VOLUMETRIC DISPLAY MARKET SIZE, BY APPLICATION, 2014 – 2020 (\$THOUSAND)

Table 69 NEW PRODUCT LAUNCHES AND DEVELOPMENTS, 2014

Table 70 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, AND JOINT VENTURES, 2013 - 2014

Table 71 OTHER DEVELOPMENTS, 2014

## List Of Figures

### LIST OF FIGURES

Figure 1 MARKETS COVERED

Figure 2 RESEARCH DESIGN

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 ASSUMPTIONS OF THE RESEARCH STUDY

Figure 6 LIMITATIONS OF THE STUDY

Figure 7 VOLUMETRIC DISPLAY MARKET, 2014 TO 2020

Figure 8 VOLUMETRIC DISPLAY COMPONENT MARKET SHARE, 2014

Figure 9 VOLUMETRIC DISPLAY MARKET, BY TECHNOLOGY, 2014 VS 2020

Figure 10 VOLUMETRIC DISPLAY MARKET, BY APPLICATION, 2014 VS 2020

Figure 11 THE APPLICATION IN MEDICAL SECTOR IS EXPECTED TO WITNESS THE HIGHEST GROWTH BY 2020

Figure 12 VOLUMETRIC DISPLAY MARKET SHARE, BY GEOGRAPHY IN 2014

Figure 13 THE APPLICATION IN THE MEDICAL SECTOR ACCOUNTED FOR A LARGE SHARE OF THE VOLUMETRIC DISPLAY MARKET IN 2014

Figure 14 THE SWEPT VOLUME DISPLAY SEGMENT IS EXPECTED TO GROW AT THE HIGHEST RATE DUE TO THE INCREASING DEMAND IN THE MEDICAL SECTOR

Figure 15 APPLICATION IN THE MEDICAL SECTOR ACCOUNTED FOR THE LARGEST SHARE IN APAC, IN 2014

Figure 16 IN NORTH AMERICA, THE U.S. IS EXPECTED TO GROW AT THE HIGHEST RATE

Figure 17 THE MEDICAL SECTOR IS EXPECTED TO BE THE LARGEST FOR VOLUMETRIC DISPLAY APPLICATIONS, FROM 2014 TO 2020

Figure 18 THE U.S. IS EXPECTED TO BE THE LARGEST MARKET BY 2020

Figure 19 THE APPLICATION OF VOLUMETRIC DISPLAYS IN THE MEDICAL SECTOR HAS A PROMISING FUTURE IN NORTH AMERICA

Figure 20 VOLUMETRIC DISPLAY MARKET SEGMENTATION: BY COMPONENT

Figure 21 VOLUMETRIC DISPLAY MARKET SEGMENTATION: BY TECHNOLOGY

Figure 22 VOLUMETRIC DISPLAY MARKET SEGMENTATION: BY DISPLAY TYPE

Figure 23 VOLUMETRIC DISPLAY MARKET SEGMENTATION: BY INDUSTRY

Figure 24 VOLUMETRIC DISPLAY MARKET SEGMENTATION: BY GEOGRAPHY

Figure 25 INCREASED R&D AND APPLICATION IN THE HEALTHCARE INDUSTRY LIKELY TO INCREASE THE DEMAND FOR VOLUMETRIC DISPLAYS

Figure 26 VALUE CHAIN ANALYSIS (2014): MAJOR VALUE ADDITION IS DONE

## DURING MANUFACTURING AND ASSEMBLING PHASES

Figure 27 SUPPLY CHAIN OF MAJOR PLAYERS IN THE VOLUMETRIC DISPLAY MARKET

Figure 28 KEY TRENDS IN THE VOLUMETRIC DISPLAY MARKET

Figure 29 PORTER'S FIVE FORCES ANALYSIS

Figure 30 THE PORTER'S FIVE FORCES ANALYSIS FOR THE VOLUMETRIC DISPLAY MARKET

Figure 31 THREAT OF NEW ENTRANTS

Figure 32 THREAT OF SUBSTITUTES

Figure 33 BARGAINING POWER OF BUYERS

Figure 34 BARGAINING POWER OF SUPPLIERS

Figure 35 COMPETITIVE RIVALRY

Figure 36 STRATEGIC BENCHMARKING: ORGANIC & INORGANIC GROWTH STRATEGIES FOR TECHNOLOGY INTEGRATION AND PRODUCT ENHANCEMENT

Figure 37 VOLUMETRIC DISPLAY MARKET, BY COMPONENT

Figure 38 PROJECTORS ACCOUNTED FOR THE LARGEST SHARE OF THE VOLUMETRIC DISPLAY COMPONENTS MARKET IN 2014

Figure 39 VOLUMETRIC DISPLAY MARKET SEGMENTATION, BY TECHNOLOGY

Figure 40 DIGITAL LIGHT PROCESSING TECHNOLOGY ACCOUNTED FOR THE LARGEST MARKET SIZE IN 2014

Figure 41 VOLUMETRIC DISPLAY MARKET, BY DISPLAY TYPE

Figure 42 SWEPT VOLUME DISPLAYS ACCOUNTED FOR THE LARGEST SHARE OF THE VOLUMETRIC DISPLAY MARKET IN 2014

Figure 43 VOLUMETRIC DISPLAY MARKET SEGMENTATION, BY INDUSTRY

Figure 44 VOLUMETRIC DISPLAY MARKET WAS DOMINATED BY APPLICATIONS IN THE MEDICAL SECTOR, IN 2014

Figure 45 GEOGRAPHIC GROWTH SNAPSHOT (2015–2020)- U.S., GERMANY, AND CHINA ARE EMERGING AS NEW HOT SPOTS

Figure 46 COUNTRY-WISE GROWTH OF VOLUMETRIC DISPLAY APPLICATIONS IN VARIOUS SECTORS BETWEEN 2015 AND 2020

Figure 47 THE NORTH AMERICAN MARKET SNAPSHOT: DEMAND EXPECTED TO BE DRIVEN BY THE REQUIREMENT OF ADVANCED MEDICAL EQUIPMENT

Figure 48 EUROPE: VOLUMETRIC DISPLAY MARKET SNAPSHOT —GERMANY IS EXPECTED TO GROW AT A HIGH RATE BETWEEN 2015 AND 2020

Figure 49 ASIA-PACIFIC: VOLUMETRIC DISPLAY MARKET SNAPSHOT — CHINA IS THE MOST LUCRATIVE MARKET

Figure 50 COMPANIES ADOPTED PARTNERSHIPS AND AGREEMENTS AS KEY GROWTH STRATEGIES DURING THE LAST THREE YEARS (2012–2014)

Figure 51 BATTLE FOR THE MARKET SHARE: NEW PRODUCT LAUNCHES AND

PARTNERSHIPS WERE THE KEY STRATEGIES ADOPTED BY MOST PLAYERS,  
2012–2014

Figure 52 3DICON CORP.: COMPANY SNAPSHOT

Figure 53 3DICON CORP: SWOT ANALYSIS

Figure 54 HOLOGRAFIKA KFT: SWOT ANALYSIS

Figure 55 LIGHTSPACE TECHNOLOGIES: SWOT ANALYSIS

Figure 56 ZEBRA IMAGING: SWOT ANALYSIS

Figure 57 VOXON: SWOT ANALYSIS

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