

Optical Networking and Communications Market by Technology (Wavelength Division Multiplexing (WDM), Synchronous Optical Networking (SONET)/ Synchronous Digital Hierarchy (SDH) and Fiber Channel), by verticals (Aerospace and Defense, Government, Manufactures, Submarine, Mining, Transportation, Oil and Gas, Healthcare, Telecom, Energy and Utilities) and by Geography - Global Trends & Forecasts to 2014 - 2020

<https://marketpublishers.com/r/OADB0F3E05BEN.html>

Date: January 2015

Pages: 168

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

ID: OADB0F3E05BEN

Abstracts

Optical networking and communications for this market study is as follows, a type of communications network wherein data transmission occurs via light as optical or Infra-Red signals and optical components form the building blocks of the network. The market has been defined as the summation of hardware and services revenues.

The study captures the industry trends in the optical networking and communications market, technology roadmaps and product life cycle analysis. In addition to this, this report also covers market timelines and competitive landscape which includes market share analysis and key developments happening in companies.

The report covers both the demand and supply sides of the market. The supply side market segmentation includes several hardware, services, and technologies. On the other hand, demand side segmentation includes various verticals, and regions. The following diagram gives an overview of the micro-markets covered for the report. Optical Networking and Communications market is majorly driven by the demand for 100G and the ever increasing deployments of datacenters. Another important factor that

contributes to this surge in optical networks is the adoption of cloud-based services.

The key drivers for Optical Networking and Communications market are growing demand for 100G, rising deployments of datacenters and increasing adoption of cloud-based services and assured return on investment. This report covers geographical regions which include Americas, Europe, Asia-Pacific and, the Rest of the World (ROW). There is a lot of opportunity for the existing players and new entrants to innovate and differentiate the products range. APAC region is expected to observe significant growth due to rapid growth in infrastructure and power generation in the countries such as India, China, and Indonesia. This creates an ample of opportunities for the automation provider companies.

Optical Networking and Communications market is rapidly growing in service and automation industry which represents the potential end users for this market. Key players in this Optical Networking and Communications market include Alcatel Lucent (France), Cisco (U.S.), Verizon (U.S.), Huawei (China), JDS Uniphase Corporation (U.S.), and Ciena (U.S.) and others.

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 GEOGRAPHIC SCOPE
 - 1.3.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 FACTOR ANALYSIS
 - 2.1.1 DEMAND-SIDE ANALYSIS
 - 2.1.1.1 Internet penetration across emerging economies in the world
 - 2.1.2 SUPPLY-SIDE ANALYSIS
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 MARKET SHARE ESTIMATION
 - 2.4.1 KEY DATA FROM SECONDARY SOURCES
 - 2.4.2 KEY DATA FROM PRIMARY SOURCES
 - 2.4.2.1 Key Industry Insights
- 2.5 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 CURRENT TRENDS IN OPTICAL NETWORKING & COMMUNICATIONS
- 4.2 OPTICAL NETWORKING & COMMUNICATIONS MARKET – TECHNOLOGY SEGMENTS
- 4.3 OPTICAL NETWORKING & COMMUNICATIONS MARKET IN NORTH AMERICA
- 4.4 LATIN AMERICA IS PROJECTED TO HOLD A HUGE POTENTIAL IN THE OPTICAL NETWORKING & COMMUNICATIONS MARKET DURING THE FORECAST PERIOD

4.5 OPTICAL NETWORKING & COMMUNICATIONS MARKET: TECHNOLOGIES (2020)

4.6 OPTICAL NETWORKING & COMMUNICATIONS MARKET: THE U.S. IS GROWING AT A MODEST CAGR

4.7 LIFE CYCLE ANALYSIS, BY GEOGRAPHY

5 MARKET OVERVIEW

5.1 MARKET SEGMENTATION

5.2 EVOLUTION

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 INCREASED DEMAND FOR 100G

5.3.1.2 GROWING DATACENTRE DEPLOYMENTS

5.3.1.3 RISING ADOPTION OF CLOUD-BASED SERVICES

5.3.2 RESTRAINTS

5.3.2.1 HIGH INSTALLATION COSTS

5.3.2.2 INSUFFICIENT INTEGRATION OF WDM AND SONET LAYERS

5.3.3 OPPORTUNITIES

5.3.3.1 FLEXIBLE OPTICAL NETWORKS

5.3.3.2 PACKET OPTICAL TRANSPORT

5.3.4 CHALLENGES

5.3.4.1 OPTICAL NETWORK MANAGEMENT

5.3.4.2 OPTICAL NETWORK SECURITY-FIBER HACK

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN

6.3 PORTER'S FIVE FORCES MODEL

6.3.1 THREAT FROM NEW ENTRANTS

6.3.2 THREAT FROM SUBSTITUTES

6.3.3 BARGAINING POWER OF SUPPLIERS

6.3.4 BARGAINING POWER OF BUYERS

6.3.5 DEGREE OF COMPETITION

6.4 STRATEGIC BENCHMARKING

6.4.1 TECHNOLOGY INTEGRATION & PRODUCT ENHANCEMENT

7 MARKET ANALYSIS, BY HARDWARE

- 7.1 INTRODUCTION
- 7.2 OPTICAL FIBER
- 7.3 OPTICAL AMPLIFIER
- 7.4 OPTICAL SWITCH
- 7.5 OPTICAL SPLITTER
- 7.6 FIBER OPTIC CIRCULATOR
- 7.7 OPTICAL TRANSCEIVERS
- 7.8 FIBER OPTIC SENSOR
- 7.9 OTHERS

8 MARKET ANALYSIS, BY TECHNOLOGY

- 8.1 INTRODUCTION
- 8.2 SONET/SDH
- 8.3 WDM
 - 8.3.1 CWDM
 - 8.3.2 DWDM
 - 8.3.2.1 ROADM
- 8.4 FIBER CHANNEL

9 MARKET ANALYSIS, BY END USER VERTICAL

- 9.1 INTRODUCTION
- 9.2 AEROSPACE & DEFENSE
- 9.3 GOVERNMENT
- 9.4 MANUFACTURING
- 9.5 SUBMARINE
- 9.6 MINING
- 9.7 TRANSPORTATION
- 9.8 OIL & GAS
- 9.9 HEALTHCARE
- 9.10 TELECOM
- 9.11 ENERGY & UTILITIES

10 GEOGRAPHIC ANALYSIS

- 10.1 INTRODUCTION
- 10.2 NORTH AMERICA

- 10.2.1 U.S.
- 10.2.2 CANADA
- 10.2.3 MEXICO
- 10.3 EUROPE
 - 10.3.1 GERMANY
 - 10.3.2 FRANCE
 - 10.3.3 ITALY
 - 10.3.4 U.K.
 - 10.3.5 OTHERS
- 10.4 ASIA-PACIFIC
 - 10.4.1 CHINA
 - 10.4.2 JAPAN
 - 10.4.3 INDIA
 - 10.4.4 SOUTH KOREA
 - 10.4.5 OTHERS
- 10.5 REST OF THE WORLD

11 COMPETITIVE LANDSCAPE

- 11.1 OVERVIEW
 - 11.1.1 CAGR OF THE 5 MAJOR PLAYERS IN THE OPTICAL NETWORKING & COMMUNICATIONS MARKET
- 11.2 MARKET SHARE ANALYSIS OF THE OPTICAL NETWORKING & COMMUNICATIONS MARKET
- 11.3 COMPETITIVE SITUATION AND TRENDS
 - 11.3.1 NEW PRODUCT LAUNCHES
 - 11.3.2 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, AND JOINT VENTURES
 - 11.3.3 MERGERS AND ACQUISITIONS
 - 11.3.4 OTHER DEVELOPMENTS

12 COMPANY PROFILES (OVERVIEW, PRODUCTS AND SERVICES, FINANCIALS, STRATEGY & DEVELOPMENT)

- 12.1 INTRODUCTION
- 12.2 CISCO SYSTEMS, INC.
- 12.3 ALCATEL-LUCENT, INC.
- 12.4 VERIZON COMMUNICATIONS INC.
- 12.5 ADVA OPTICAL NETWORKING SE

12.6 CIENA CORPORATION

12.7 ERICSSON INC.

12.8 FUJITSU LTD.

12.9 HUAWEI TECHNOLOGIES CO. LTD.

12.1 JDS UNIPHASE CORPORATION

12.11 MRV COMMUNICATIONS INC.

12.12 TRANSMODE AB (Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.)

13 APPENDIX

13.1 INSIGHTS OF INDUSTRY EXPERTS

13.2 DISCUSSION GUIDE

13.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

13.4 AVAILABLE CUSTOMIZATIONS

13.5 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 INTERNET PENETRATION ACROSS EMERGING ECONOMIES IS RESULTING IN AN INCREASE IN THE TRAFFIC GROWTH

Table 2 IMPACT ANALYSIS OF DRIVERS

Table 3 IMPACT ANALYSIS OF RESTRAINTS

Table 4 IMPACT ANALYSIS OF OPPORTUNITIES

Table 5 IMPACT ANALYSIS OF CHALLENGES

Table 6 OPTICAL FIBER KEY MANUFACTURERS AND SUPPLIERS, 2014

Table 7 OPTICAL TRANSCEIVERS MANUFACTURERS AND SUPPLIERS, 2014

Table 8 IMPACT ANALYSIS OF THE PORTER'S MODEL

Table 9 GLOBAL HARDWARE MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 10 OPTICAL FIBER MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 11 OPTICAL AMPLIFIER MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 12 OPTICAL SWITCH MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 13 OPTICAL SPLITTER MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 14 FIBER OPTIC CIRCULATOR MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 15 OPTICAL TRANSCEIVER MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 16 FIBER OPTIC SENSOR MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 17 OTHERS MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 18 OPTICAL NETWORKING AND COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$BILLION)

Table 19 SONET MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 20 WDM MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 21 CWDM MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 22 DWDM MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 23 ROADM MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 24 FIBER CHANNEL MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 25 OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY REGION, 2013 – 2020 (\$BILLION)

Table 26 NORTH AMERICA: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY HARDWARE, 2013 – 2020 (\$MILLION)

Table 27 NORTH AMERICA: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 28 NORTH AMERICA: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY COUNTRY, 2013 – 2020 (\$MILLION)

Table 29 U.S.: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 30 U.S.: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 31 CANADA: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 32 CANADA: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 33 MEXICO: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 34 MEXICO: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 35 EUROPE: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY HARDWARE, 2013 – 2020 (\$MILLION)

Table 36 EUROPE: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 37 EUROPE: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY COUNTRY, 2013 – 2020 (\$MILLION)

Table 38 GERMANY: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 39 GERMANY: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 40 FRANCE: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 41 FRANCE: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 42 ITALY: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 43 ITALY: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 44 U.K.: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 45 U.K.: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 46 OTHERS: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 47 OTHERS: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 48 APAC: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY HARDWARE, 2013 – 2020 (\$MILLION)

Table 49 APAC: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 50 APAC: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY COUNTRY, 2013 – 2020 (\$MILLION)

Table 51 CHINA: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY

TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 52 CHINA: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 53 JAPAN: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 54 JAPAN: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 55 INDIA: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 56 INDIA: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 57 SOUTH KOREA: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 58 SOUTH KOREA: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 59 OTHERS: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 60 OTHERS: WDM MARKET SIZE, BY TYPE, 2013 – 2020 (\$MILLION)

Table 61 ROW: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY HARDWARE, 2013 – 2020 (\$MILLION)

Table 62 ROW: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY TECHNOLOGY, 2013 – 2020 (\$MILLION)

Table 63 ROW: OPTICAL NETWORKING & COMMUNICATIONS MARKET SIZE, BY COUNTRY, 2013 – 2020 (\$MILLION)

Table 64 NEW PRODUCT LAUNCHES, 2011–2014

Table 65 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, AND JOINT VENTURES, 2011–2014

Table 66 MERGERS AND ACQUISITIONS, 2011–2014

Table 67 OTHER DEVELOPMENTS, 2011–2014

Table 68 RECENT DEVELOPMENTS: CISCO SYSTEMS, INC.

Table 69 RECENT DEVELOPMENTS: ALCATEL-LUCENT, INC.

Table 70 RECENT DEVELOPMENTS: VERIZON COMMUNICATIONS INC.

Table 71 RECENT DEVELOPMENTS: ADVA OPTICAL NETWORKING SE

Table 72 RECENT DEVELOPMENTS: CIENA CORPORATION

Table 73 RECENT DEVELOPMENTS: ERICSSON INC.

Table 74 RECENT DEVELOPMENTS: FUJITSU LTD.

Table 75 RECENT DEVELOPMENTS: HUAWEI TECHNOLOGIES CO. LTD.

Table 76 RECENT DEVELOPMENTS: JDS UNIPHASE CORPORATION

Table 77 RECENT DEVELOPMENTS: MRV COMMUNICATIONS INC.

Table 78 RECENT DEVELOPMENTS: TRANSMODE

List Of Figures

LIST OF FIGURES

Figure 1 NETWORKING AND COMMUNICATIONS MARKET: RESEARCH METHODOLOGY

Figure 2 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 4 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

Figure 5 MARKET BREAKDOWN AND DATA TRIANGULATION

Figure 6 MARKET SNAPSHOT (2014 VS 2020): OPTICAL SWITCHES CONTINUE TO DOMINATE THE OPTICAL NETWORKING AND COMMUNICATIONS MARKET

Figure 7 THE OPTICAL NETWORKING AND COMMUNICATIONS MARKET, BY HARDWARE, 2014

Figure 8 OPTICAL NETWORKING AND COMMUNICATIONS MARKET SHARE (\$MILLION), 2013

Figure 9 HUGE POTENTIAL IN LATIN AMERICA IN OVERALL OPTICAL NETWORKING & COMMUNICATIONS MARKET

Figure 10 THE WDM & FIBER CHANNEL TECHNOLOGIES ARE EXPECTED TO OFFER PROMISING GROWTH PROSPECTS

Figure 11 OPTICAL SWITCHES ARE PROJECTED TO CAPTURE THE MAJOR SHARE

Figure 12 MEXICO IS EXPECTED TO GROW AT A HIGH CAGR OF 11.7% BETWEEN 2014 & 2020

Figure 13 THE WDM TECHNOLOGY SHOWS A PROMISING GROWTH ACROSS THE GLOBE

Figure 14 THE U.S. OPTICAL NETWORKING & COMMUNICATIONS MARKET IS EXPECTED TO GROW AT A MODEST CAGR OF 5.8% BETWEEN 2014 AND 2020

Figure 15 THE APAC MARKET IS IN THE GROWTH PHASE AND IS EXPECTED TO LEAD IN TERMS OF MARKET VALUE AMONG ALL THE REGIONS , 2014

Figure 16 MARKET SEGMENTATION: OPTICAL NETWORKING AND COMMUNICATIONS

Figure 17 EMERGENCE OF ROADM IS EXPECTED TO DRIVE THE WDM MARKET

Figure 18 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES OPTICAL NETWORKING AND COMMUNICATIONS

Figure 19 VALUE CHAIN OF THE OPTICAL NETWORKING AND COMMUNICATIONS MARKET

Figure 20 PORTER'S FIVE FORCES ANALYSIS OF THE OPTICAL NETWORKING

AND COMMUNICATIONS MARKET, 2014

Figure 21 OPTICAL NETWORKING AND COMMUNICATIONS MARKET: THREATS FROM NEW ENTRANTS, 2014

Figure 22 OPTICAL NETWORKING AND COMMUNICATIONS MARKET: THREATS FROM SUBSTITUTES, 2014

Figure 23 OPTICAL NETWORKING AND COMMUNICATIONS MARKET: BARGAINING POWER OF SUPPLIERS, 2014

Figure 24 OPTICAL NETWORKING AND COMMUNICATIONS MARKET: BARGAINING POWER OF BUYERS, 2014

Figure 25 OPTICAL NETWORKING AND COMMUNICATIONS MARKET: DEGREE OF COMPETITION, 2014

Figure 26 STRATEGIC BENCHMARKING: INORGANIC GROWTH STRATEGIES FOR TECHNOLOGY INTEGRATION AND PRODUCT ENHANCEMENT

Figure 27 HARDWARE CONSIDERED IN THE STUDY

Figure 28 OPTICAL SWITCHES ARE EXPECTED TO HAVE A PROMISING GROWTH DURING THE FORECAST PERIOD

Figure 29 OPTICAL TRANSCEIVERS ARE PROJECTED TO GROW AT A MODEST CAGR OF 9.7% DURING 2014-2020

Figure 30 OPTICAL NETWORKING AND COMMUNICATIONS MARKET SEGMENTATION, BY TECHNOLOGY

Figure 31 REGION WISE MARKET SHARE OF OPTICAL NETWORKING TECHNOLOGIES, 2014

Figure 32 WDM IS PROJECTED TO GROW TO \$18.84 BILLION BY 2020

Figure 33 FIBER CHANNEL IS PROJECTED TO GROW AT A HIGH CAGR OF 17.3% DURING 2014-2020

Figure 34 GEOGRAPHIC SNAPSHOT (CAGR 2014-2020)

Figure 35 GEOGRAPHIC BENCHMARKING OF DIFFERENT TECHNOLOGIES (CAGR 2014-2020)

Figure 36 NORTH AMERICA'S OPTICAL NETWORKING MARKET SNAPSHOT: THE U.S. IS GROWING AT A MODEST CAGR

Figure 37 THE U.S. IS PROJECTED TO GROW AT A MODEST CAGR OF 5.8%, WHILE MEXICO AT 11.7% DURING 2014-2020

Figure 38 THE U.S. ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 39 CANADA: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 40 MEXICO: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 41 COUNTRY WISE MARKET SHARE OF OPTICAL NETWORKING TECHNOLOGIES IN EUROPE, 2014

Figure 42 GERMANY: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 43 FRANCE: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 44 ITALY: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 45 U.K.: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 46 OTHERS: ROADM MARKET SIZE, 2013–2020 (\$BILLION)

Figure 47 ASIA-PACIFIC OPTICAL NETWORKING & COMMUNICATIONS MARKET
SNAPSHOT: JAPAN IS THE MARKET LEADER

Figure 48 GEOGRAPHIC (COUNTRY WISE) BENCHMARKING OF DIFFERENT
TECHNOLOGIES (CAGR 2014-2020)

Figure 49 CHINA: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 50 JAPAN: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 51 INDIA: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 52 SOUTH KOREA: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 53 OTHERS: ROADM MARKET SIZE, 2013 – 2020 (\$BILLION)

Figure 54 COMPANIES ADOPTED PRODUCT LAUNCHES AS THE KEY GROWTH
STRATEGY BETWEEN 2011 & 2014

Figure 55 HUAWEI'S SEGMENT REVENUE GREW AT A CAGR OF 7.29% FROM
2010 TO 2013

Figure 56 OPTICAL NETWORKING & COMMUNICATIONS MARKET SHARE, BY KEY
PLAYER, 2013 (%)

Figure 57 MARKET EVOLUTION FRAMEWORK- INVESTMENTS IN ACQUISITIONS
& MERGERS FUELED THE GROWTH OF THE MARKET PLAYERS IN 2013 & 2014

Figure 58 BATTLE FOR MARKET SHARE: NEW PRODUCT LAUNCHES WAS THE
KEY STRATEGY

Figure 59 GEOGRAPHIC REVENUE MIX OF 4 KEY PLAYERS

Figure 60 KEY MARKET PLAYERS ARE AT AN ESTABLISHED STAGE OF MARKET
ENTRY & WIDE MARKET FOCUS

Figure 61 CISCO SYSTEMS, INC.: COMPANY SNAPSHOT

Figure 62 CISCO SYSTEMS, INC.: SWOT ANALYSIS

Figure 63 ALCATEL-LUCENT INC.: COMPANY SNAPSHOT

Figure 64 ALCATEL-LUCENT, INC.: SWOT ANALYSIS

Figure 65 VERIZON COMMUNICATIONS INC.: COMPANY SNAPSHOT

Figure 66 VERIZON COMMUNICATIONS INC.: SWOT ANALYSIS

Figure 67 ADVA OPTICAL NETWORKING SE: COMPANY SNAPSHOT

Figure 68 CIENA CORPORATION: COMPANY SNAPSHOT

Figure 69 CIENA CORPORATION: SWOT ANALYSIS

Figure 70 ERICSSON, INC.: COMPANY SNAPSHOT

Figure 71 FUJITSU LTD.: COMPANY SNAPSHOT

Figure 72 HUAWEI TECHNOLOGIES CO. LTD.: COMPANY SNAPSHOT

Figure 73 JDS UNIPHASE CORPORATION: COMPANY SNAPSHOT

Figure 74 MRV COMMUNICATIONS INC.: COMPANY SNAPSHOT

Figure 75 TRANSMODE SYSTEMS AB: COMPANY SNAPSHOT

I would like to order

Product name: Optical Networking and Communications Market by Technology (Wavelength Division Multiplexing (WDM), Synchronous Optical Networking (SONET)/ Synchronous Digital Hierarchy (SDH) and Fiber Channel), by verticals (Aerospace and Defense, Government, Manufactures, Submarine, Mining, Transportation, Oil and Gas, Healthcare, Telecom, Energy and Utilities) and by Geography - Global Trends & Forecasts to 2014 - 2020

Product link: <https://marketpublishers.com/r/OADB0F3E05BEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/OADB0F3E05BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970