

Global Synchronous Optical Networking Market  
2017 - Production, Sales, Supply, Demand,  
Analysis & Forecast to 2021

<http://www.mrsresearchgroup.com/market-analysis/global-synchronous-optical-networking-market-2017-production-sales.html>

MRS Research Group

This report studies the global Synchronous Optical Networking market, analyzes and researches the Synchronous Optical Networking development status and forecast in United States, EU, Japan, China, India and Southeast Asia. This report focuses on the top players in global market, like

Cisco Systems, Inc  
Alcatel-Lucent, Inc.  
Verizon Communications Inc.  
ADVA Optical Networking SE  
CIENA Corporation  
Ericsson Inc  
Fujitsu Ltd  
Huawei Technology Co. Ltd.  
JDS Uniphase Corporation  
MRV Communications Inc.  
Transmode

Market segment by Regions/Countries, this report covers

United States  
EU  
Japan  
China  
India  
Southeast Asia

Market segment by Type, Synchronous Optical Networking can be split into

Wavelength Division Multiplexing (WDM)  
Synchronous Optical Networking (SONET)  
Fiber Channel

Market segment by Application, Synchronous Optical Networking can be split into

Aerospace and Defense  
Government  
Manufactures  
Submarine  
Mining  
Transportation  
Healthcare  
Telecom

If you have any special requirements, please let us know and we will offer you the report as you want.

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



mrsresearchgroup.com  
sales@mrsresearchgroup.com

## Table of Contents

### Global Synchronous Optical Networking Market Size, Status and Forecast 2022

#### 1 Industry Overview of Synchronous Optical Networking

##### 1.1 Synchronous Optical Networking Market Overview

###### 1.1.1 Synchronous Optical Networking Product Scope

###### 1.1.2 Market Status and Outlook

##### 1.2 Global Synchronous Optical Networking Market Size and Analysis by Regions

###### 1.2.1 United States

###### 1.2.2 EU

###### 1.2.3 Japan

###### 1.2.4 China

###### 1.2.5 India

###### 1.2.6 Southeast Asia

##### 1.3 Synchronous Optical Networking Market by Type

###### 1.3.1 Wavelength Division Multiplexing (WDM)

###### 1.3.2 Synchronous Optical Networking (SONET)

###### 1.3.3 Fiber Channel

##### 1.4 Synchronous Optical Networking Market by End Users/Application

###### 1.4.1 Aerospace and Defense

###### 1.4.2 Government

###### 1.4.3 Manufactures

###### 1.4.4 Submarine

###### 1.4.5 Mining

###### 1.4.6 Transportation

###### 1.4.7 Healthcare

###### 1.4.8 Telecom

#### 2 Global Synchronous Optical Networking Competition Analysis by Players

##### 2.1 Synchronous Optical Networking Market Size (Value) by Players (2016 and 2017)

##### 2.2 Competitive Status and Trend

###### 2.2.1 Market Concentration Rate

###### 2.2.2 Product/Service Differences

###### 2.2.3 New Entrants

###### 2.2.4 The Technology Trends in Future

#### 3 Company (Top Players) Profiles

##### 3.1 Cisco Systems, Inc

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

- 3.1.1 Company Profile
- 3.1.2 Main Business/Business Overview
- 3.1.3 Products, Services and Solutions
- 3.1.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
- 3.1.5 Recent Developments
- 3.2 Alcatel-Lucent, Inc.
  - 3.2.1 Company Profile
  - 3.2.2 Main Business/Business Overview
  - 3.2.3 Products, Services and Solutions
  - 3.2.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.2.5 Recent Developments
- 3.3 Verizon Communications Inc.
  - 3.3.1 Company Profile
  - 3.3.2 Main Business/Business Overview
  - 3.3.3 Products, Services and Solutions
  - 3.3.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.3.5 Recent Developments
- 3.4 ADVA Optical Networking SE
  - 3.4.1 Company Profile
  - 3.4.2 Main Business/Business Overview
  - 3.4.3 Products, Services and Solutions
  - 3.4.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.4.5 Recent Developments
- 3.5 CIENA Corporation
  - 3.5.1 Company Profile
  - 3.5.2 Main Business/Business Overview
  - 3.5.3 Products, Services and Solutions
  - 3.5.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.5.5 Recent Developments
- 3.6 Ericsson Inc
  - 3.6.1 Company Profile
  - 3.6.2 Main Business/Business Overview
  - 3.6.3 Products, Services and Solutions
  - 3.6.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.6.5 Recent Developments
- 3.7 Fujitsu Ltd
  - 3.7.1 Company Profile
  - 3.7.2 Main Business/Business Overview
  - 3.7.3 Products, Services and Solutions
  - 3.7.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.7.5 Recent Developments

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



- 3.8 Huawei Technology Co. Ltd.
  - 3.8.1 Company Profile
  - 3.8.2 Main Business/Business Overview
  - 3.8.3 Products, Services and Solutions
  - 3.8.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.8.5 Recent Developments
- 3.9 JDS Uniphase Corporation
  - 3.9.1 Company Profile
  - 3.9.2 Main Business/Business Overview
  - 3.9.3 Products, Services and Solutions
  - 3.9.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.9.5 Recent Developments
- 3.10 MRV Communications Inc.
  - 3.10.1 Company Profile
  - 3.10.2 Main Business/Business Overview
  - 3.10.3 Products, Services and Solutions
  - 3.10.4 Synchronous Optical Networking Revenue (Value) (2012-2017)
  - 3.10.5 Recent Developments
- 3.11 Transmode

#### 4 Global Synchronous Optical Networking Market Size by Type and Application (2012-2017)

- 4.1 Global Synchronous Optical Networking Market Size by Type (2012-2017)
- 4.2 Global Synchronous Optical Networking Market Size by Application (2012-2017)
- 4.3 Potential Application of Synchronous Optical Networking in Future
- 4.4 Top Consumer/End Users of Synchronous Optical Networking

#### 5 United States Synchronous Optical Networking Development Status and Outlook

- 5.1 United States Synchronous Optical Networking Market Size (2012-2017)
- 5.2 United States Synchronous Optical Networking Market Size and Market Share by Players (2016 and 2017)

#### 6 EU Synchronous Optical Networking Development Status and Outlook

- 6.1 EU Synchronous Optical Networking Market Size (2012-2017)
- 6.2 EU Synchronous Optical Networking Market Size and Market Share by Players (2016 and 2017)

#### 7 Japan Synchronous Optical Networking Development Status and Outlook

- 7.1 Japan Synchronous Optical Networking Market Size (2012-2017)

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



7.2 Japan Synchronous Optical Networking Market Size and Market Share by Players (2016 and 2017)

8 China Synchronous Optical Networking Development Status and Outlook

8.1 China Synchronous Optical Networking Market Size (2012-2017)

8.2 China Synchronous Optical Networking Market Size and Market Share by Players (2016 and 2017)

9 India Synchronous Optical Networking Development Status and Outlook

9.1 India Synchronous Optical Networking Market Size (2012-2017)

9.2 India Synchronous Optical Networking Market Size and Market Share by Players (2016 and 2017)

10 Southeast Asia Synchronous Optical Networking Development Status and Outlook

10.1 Southeast Asia Synchronous Optical Networking Market Size (2012-2017)

10.2 Southeast Asia Synchronous Optical Networking Market Size and Market Share by Players (2016 and 2017)

11 Market Forecast by Regions, Type and Application (2017-2022)

11.1 Global Synchronous Optical Networking Market Size (Value) by Regions (2017-2022)

11.1.1 United States Synchronous Optical Networking Revenue and Growth Rate (2017-2022)

11.1.2 EU Synchronous Optical Networking Revenue and Growth Rate (2017-2022)

11.1.3 Japan Synchronous Optical Networking Revenue and Growth Rate (2017-2022)

11.1.4 China Synchronous Optical Networking Revenue and Growth Rate (2017-2022)

11.1.5 India Synchronous Optical Networking Revenue and Growth Rate (2017-2022)

11.1.6 Southeast Asia Synchronous Optical Networking Revenue and Growth Rate (2017-2022)

11.2 Global Synchronous Optical Networking Market Size (Value) by Type (2017-2022)

11.3 Global Synchronous Optical Networking Market Size by Application (2017-2022)

12 Synchronous Optical Networking Market Dynamics

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

- 12.1 Synchronous Optical Networking Market Opportunities
- 12.2 Synchronous Optical Networking Challenge and Risk
  - 12.2.1 Competition from Opponents
  - 12.2.2 Downside Risks of Economy
- 12.3 Synchronous Optical Networking Market Constraints and Threat
  - 12.3.1 Threat from Substitute
  - 12.3.2 Government Policy
  - 12.3.3 Technology Risks
- 12.4 Synchronous Optical Networking Market Driving Force
  - 12.4.1 Growing Demand from Emerging Markets
  - 12.4.2 Potential Application

### 13 Market Effect Factors Analysis

- 13.1 Technology Progress/Risk
  - 13.1.1 Substitutes
  - 13.1.2 Technology Progress in Related Industry
- 13.2 Consumer Needs Trend/Customer Preference
- 13.3 External Environmental Change
  - 13.3.1 Economic Fluctuations
  - 13.3.2 Other Risk Factors

### 14 Research Finding/Conclusion

### 15 Appendix

- Methodology
- Analyst Introduction
- Data Source

### List of Tables and Figures

Figure Synchronous Optical Networking Product Scope

Figure Global Synchronous Optical Networking Market Size (Million USD)  
(2012-2017)

Table Global Synchronous Optical Networking Market Size (Million USD) and  
Growth Rate by Regions (2012-2017)

Figure Global Synchronous Optical Networking Market Share by Regions in  
2016

Figure United States Synchronous Optical Networking Market Size (Million  
USD) and Growth Rate by Regions (2012-2017)

Figure EU Synchronous Optical Networking Market Size (Million USD) and

[Global Synchronous Optical Networking Market 2017 - Production, Sales,  
Supply, Demand, Analysis & Forecast to 2021](#)





Growth Rate by Regions (2012-2017)

Figure Japan Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Figure China Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Figure India Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Figure Southeast Asia Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Figure Global Synchronous Optical Networking Market Share by Type in 2016

Figure Wavelength Division Multiplexing (WDM) Market Size (Million USD) and Growth Rate (2012-2017)

Figure Synchronous Optical Networking (SONET Market Size (Million USD) and Growth Rate (2012-2017)

Figure Fiber Channel Market Size (Million USD) and Growth Rate (2012-2017)

Figure Global Synchronous Optical Networking Market Share by Application in 2016

Table Key Downstream Customer in Aerospace and Defense

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Aerospace and Defense (2012-2017)

Table Key Downstream Customer in Government

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Government (2012-2017)

Table Key Downstream Customer in Manufactures

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Manufactures (2012-2017)

Table Key Downstream Customer in Submarine

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Submarine (2012-2017)

Table Key Downstream Customer in Mining

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Mining (2012-2017)

Table Key Downstream Customer in Transportation

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Transportation (2012-2017)

Table Key Downstream Customer in Healthcare

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Healthcare (2012-2017)

Table Key Downstream Customer in Telecom

Figure Synchronous Optical Networking Market Size (Million USD) and Growth Rate in Telecom (2012-2017)

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)





Table Synchronous Optical Networking Market Size (Million USD) by Players (2016 and 2017)

Figure Synchronous Optical Networking Market Size Share by Players in 2016

Figure Synchronous Optical Networking Market Size Share by Players in 2017

Table Cisco Systems, Inc Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of Cisco Systems, Inc (2012-2017)

Figure Cisco Systems, Inc Synchronous Optical Networking Business Revenue Market Share in 2016

Table Alcatel-Lucent, Inc. Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of Alcatel-Lucent, Inc. (2012-2017)

Figure Alcatel-Lucent, Inc. Synchronous Optical Networking Business Revenue Market Share in 2016

Table Verizon Communications Inc. Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of Verizon Communications Inc. (2012-2017)

Figure Verizon Communications Inc. Synchronous Optical Networking Business Revenue Market Share in 2016

Table ADVA Optical Networking SE Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of ADVA Optical Networking SE (2012-2017)

Figure ADVA Optical Networking SE Synchronous Optical Networking Business Revenue Market Share in 2016

Table CIENA Corporation Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of CIENA Corporation (2012-2017)

Figure CIENA Corporation Synchronous Optical Networking Business Revenue Market Share in 2016

Table Ericsson Inc Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of Ericsson Inc (2012-2017)

Figure Ericsson Inc Synchronous Optical Networking Business Revenue Market Share in 2016

Table Fujitsu Ltd Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of Fujitsu Ltd (2012-2017)

Figure Fujitsu Ltd Synchronous Optical Networking Business Revenue Market Share in 2016

Table Huawei Technology Co. Ltd. Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Huawei Technology Co. Ltd. (2012-2017)

Figure Huawei Technology Co. Ltd. Synchronous Optical Networking Business Revenue Market Share in 2016

Table JDS Uniphase Corporation Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of JDS Uniphase Corporation (2012-2017)

Figure JDS Uniphase Corporation Synchronous Optical Networking Business Revenue Market Share in 2016

Table MRV Communications Inc. Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of MRV Communications Inc. (2012-2017)

Figure MRV Communications Inc. Synchronous Optical Networking Business Revenue Market Share in 2016

Table Transmode Basic Information List

Table Synchronous Optical Networking Business Revenue (Million USD) of Transmode (2012-2017)

Figure Transmode Synchronous Optical Networking Business Revenue Market Share in 2016

Table Global Synchronous Optical Networking Market Size (Million USD) by Type (2012-2017)

Figure Global Synchronous Optical Networking Market Size Share by Type in 2012

Figure Global Synchronous Optical Networking Market Size Share by Type in 2013

Figure Global Synchronous Optical Networking Market Size Share by Type in 2014

Figure Global Synchronous Optical Networking Market Size Share by Type in 2015

Figure Global Synchronous Optical Networking Market Size Share by Type in 2016

Figure Global Synchronous Optical Networking Market Size Share by Type in 2017

Table Global Synchronous Optical Networking Market Size (Million USD) by Application (2012-2017)

Figure Global Synchronous Optical Networking Market Size (Million USD) by Application in 2012

Figure Global Synchronous Optical Networking Market Size (Million USD) by Application in 2013

Figure Global Synchronous Optical Networking Market Size (Million USD) by Application in 2014

Figure Global Synchronous Optical Networking Market Size (Million USD) by

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Application in 2015

Figure Global Synchronous Optical Networking Market Size (Million USD) by Application in 2016

Figure Global Synchronous Optical Networking Market Size (Million USD) by Application in 2017

Table Top Consumer/End Users of Synchronous Optical Networking

Figure United States Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Table United States Synchronous Optical Networking Market Size (Million USD) by Players (2012-2017)

Figure United States Synchronous Optical Networking Market Size Share by Players in 2016

Figure United States Synchronous Optical Networking Market Size Share by Players in 2017

Figure EU Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Table EU Synchronous Optical Networking Market Size (Million USD) by Players (2012-2017)

Figure EU Synchronous Optical Networking Market Size Share by Players in 2016

Figure EU Synchronous Optical Networking Market Size Share by Players in 2017

Figure Japan Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Table Japan Synchronous Optical Networking Market Size (Million USD) by Players (2012-2017)

Figure Japan Synchronous Optical Networking Market Size Share by Players in 2016

Figure Japan Synchronous Optical Networking Market Size Share by Players in 2017

Figure China Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Table China Synchronous Optical Networking Market Size (Million USD) by Players (2012-2017)

Figure China Synchronous Optical Networking Market Size Share by Players in 2016

Figure China Synchronous Optical Networking Market Size Share by Players in 2017

Figure India Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Table India Synchronous Optical Networking Market Size (Million USD) by

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Players (2012-2017)

Figure India Synchronous Optical Networking Market Size Share by Players in 2016

Figure India Synchronous Optical Networking Market Size Share by Players in 2017

Figure Southeast Asia Synchronous Optical Networking Market Size (Million USD) and Growth Rate by Regions (2012-2017)

Table Southeast Asia Synchronous Optical Networking Market Size (Million USD) by Players (2012-2017)

Figure Southeast Asia Synchronous Optical Networking Market Size Share by Players in 2016

Figure Southeast Asia Synchronous Optical Networking Market Size Share by Players in 2017

Figure Global Synchronous Optical Networking Market Size (Million USD) by Regions (2017-2022)

Table Global Synchronous Optical Networking Market Size (Million USD) by Regions (2017-2022)

Figure Global Synchronous Optical Networking Market Size Share by Regions in 2017

Figure Global Synchronous Optical Networking Market Size Share by Regions in 2022

Figure United States Synchronous Optical Networking Revenue (Million USD) and Growth Rate (2017-2022)

Figure EU Synchronous Optical Networking Revenue (Million USD) and Growth Rate (2017-2022)

Figure Japan Synchronous Optical Networking Revenue (Million USD) and Growth Rate (2017-2022)

Figure China Synchronous Optical Networking Revenue (Million USD) and Growth Rate (2017-2022)

Figure India Synchronous Optical Networking Revenue (Million USD) and Growth Rate (2017-2022)

Figure Southeast Asia Synchronous Optical Networking Revenue (Million USD) and Growth Rate (2017-2022)

Table Global Synchronous Optical Networking Market Size (Million USD) by Type (2017-2022)

Figure Global Synchronous Optical Networking Market Size Share by Type in 2017

Figure Global Synchronous Optical Networking Market Size Share by Type in 2022

Table Global Synchronous Optical Networking Market Size (Million USD) by Application (2017-2022)

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Figure Global Synchronous Optical Networking Market Size (Million USD) by Application in 2017

Figure Global Synchronous Optical Networking Market Size (Million USD) by Application in 2022

MRS Research Group

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



mrsresearchgroup.com  
sales@mrsresearchgroup.com

## Contact Us

Joel John

3422 SW 15 Street, Suit #8138,  
Deerfield Beach, Florida 33442,  
United States

**Tel:** +1-386-310-3803

**GMT Tel:** +49-322 210 92714

**USA/Canada Toll Free No.** 1-855-465-4651

**Email:** [sales@mrsresearchgroup.com](mailto:sales@mrsresearchgroup.com)

**Web:** <http://www.mrsresearchgroup.com>

MRS Research Group

[Global Synchronous Optical Networking Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



[mrsresearchgroup.com](http://mrsresearchgroup.com)  
[sales@mrsresearchgroup.com](mailto:sales@mrsresearchgroup.com)