

# **Self-Organizing Network Market by Offering (Software, Service), Network Segment (RAN, Core Network, Backhaul, Wi-Fi), Architecture (C-SON, D-SON, H-SON), Network Technology (2G/3G, 4G/LTE, 5G), and Geography - Global Forecast to 2023**

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## **Abstracts**

“The overall SON market is expected to grow at a CAGR of 11.9% from 2018 to 2023”

The SON market is expected to grow from USD 3.64 billion in 2018 to USD 6.39 billion by 2023, at a CAGR of 11.9% between 2018 and 2023. Virtualization of mobile networks, along with the high demand for wireless connectivity, is driving the growth of the SON market. Further, the need to manage the growing network complexity with the increasing number of small cells is contributing to the growth of the SON market. However, the requirement of huge capital investment for the deployment of SON, along with security concerns with the implementation of open APIs may restrict the market growth.

“The SON market for 4G is expected to hold the largest share by 2023”

The SON market for 4G network technology is expected to hold the largest market share by 2023. SON was first introduced for 4G/LTE technology. With the proper rollout of LTE across developing economies, 4G SON solutions have been adopted; therefore, the market 4G SON is expected to grow at a significant CAGR during the forecast period and surpass 2G/3G SON.

“The market for SON services is expected to witness significant growth from 2018 to 2023”

The market for SON services is expected to grow at a significant CAGR during the forecast period. This is due to the fact that once the software is deployed in a network, it requires only maintenance and updating services. As the lifecycle of any SON software is long, several companies implementing the SON software enter into multi-million dollar, long-term service contracts. SON services involve product-based add-on services, such as software maintenance, upgrading, and training and consultancy services.

“Asia Pacific is likely to surpass the North American market during the forecast period”

Asia Pacific is expected to surpass North America to become the largest market for SON software and services. This is mainly attributed to the growing number of planned deployments of LTE networks in emerging economies of APAC. The strong support for LTE in APAC has started to compete for the early influence that North American operators have on the device and network vendors. The growing adoption of 3G and 4G/LTE and rising demand for high-speed data services have led to the increased demand for SON in APAC.

Break-up of the profiles of primary participants:

By Company Type: Tier 1 – 58%, Tier 2 – 30%, and Tier 3 – 12%

By Designation: C-Level Executives – 29% and Managers – 71%

By Region: North America – 40%, APAC – 31%, Europe – 22%, and RoW – 7%

A few key players in the SON market are as follows: Airspan (US), TEOCO (US), Ericsson (Sweden), Cisco (US), Amdocs (US), Huawei (China), NEC (Japan), Nokia (Finland), Rohde & Schwarz (Germany), Qualcomm (US), VIAVI Solutions (US), Cellwize (Singapore), BLiNQ Networks (Canada), Bwtech (Brazil), Comarch (Poland), Casa Systems (US), Airhop (US), CCS Ltd. (UK), CommScope (US), and P.I. Works (Turkey).

## **RESEARCH COVERAGE:**

This research report segments the global SON market on the basis of offerings, network infrastructure, architecture, network technology, and geography. The report discusses major drivers, restraints, challenges, and opportunities pertaining to the SON market

and also includes value chain and market ranking analysis.

## **REASONS TO BUY THE REPORT**

The report would help leaders/new entrants in this market in the following ways:

1. This report segments the SON market comprehensively and provides the closest market size estimation for subsegments across different regions.
2. The report would help stakeholders understand the pulse of the market and provide them with the information on key drivers, restraints, challenges, and opportunities for market growth.
3. This report would help stakeholders understand their competitors better and gain more insights to improve their position in the business. The competitive landscape section includes competitor ecosystem, along with the strategies adopted by the key market players such as product launches and developments, acquisitions, partnerships, collaborations, expansions, and contracts.

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 DEFINITION

#### 1.3 STUDY SCOPE

##### 1.3.1 MARKETS COVERED

##### 1.3.2 YEARS CONSIDERED

#### 1.4 CURRENCY

#### 1.5 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

##### 2.1.1 SECONDARY DATA

###### 2.1.1.1 Secondary sources

##### 2.1.2 PRIMARY DATA

###### 2.1.2.1 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 AND DATA TRIANGULATION

#### 2.4 RESEARCH ASSUMPTIONS

#### 2.5 LIMITATIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

#### 4.1 ATTRACTIVE OPPORTUNITIES FOR SON MARKET

#### 4.2 SON MARKET, BY OFFERING

#### 4.3 SON MARKET, BY NETWORK TECHNOLOGY

#### 4.4 SON MARKET IN APAC, BY COUNTRY AND ARCHITECTURE

#### 4.5 SON MARKET, BY COUNTRY

### 5 MARKET OVERVIEW

## 5.1 INTRODUCTION

## 5.2 MARKET DYNAMICS

### 5.2.1 DRIVERS

5.2.1.1 Need to manage growing network complexity with increasing number of small cells

5.2.1.2 Virtualization of mobile networks

5.2.1.3 Rapid adoption of open application programming interfaces

5.2.1.4 High demand for wireless connectivity

### 5.2.2 RESTRAINTS

5.2.2.1 High implementation cost

5.2.2.2 Security concerns with implementation of open APIs

### 5.2.3 OPPORTUNITIES

5.2.3.1 Upcoming 5G network

### 5.2.4 CHALLENGES

5.2.4.1 Limited in-house skillset to manage SON

5.2.4.2 Compatibility of SON with legacy network equipment

## 5.3 VALUE CHAIN ANALYSIS

## 6 SON MARKET, BY OFFERING

### 6.1 INTRODUCTION

### 6.2 SOFTWARE

6.2.1 STANDALONE SON SOFTWARE

6.2.2 CUSTOMIZED SON SOFTWARE

### 6.3 SERVICES

## 7 SON MARKET, BY NETWORK INFRASTRUCTURE

### 7.1 INTRODUCTION

### 7.2 RAN

### 7.3 CORE NETWORK

### 7.4 BACKHAUL

### 7.5 WI-FI

## 8 SON MARKET, BY ARCHITECTURE

### 8.1 INTRODUCTION

### 8.2 C-SON

8.3 D-SON

8.4 H-SON

## **9 SON MARKET, BY NETWORK TECHNOLOGY**

9.1 INTRODUCTION

9.2 2G/3G

9.3 4G/LTE

9.4 5G

## **10 GEOGRAPHIC ANALYSIS OF SON MARKET**

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.2.1 US

10.2.2 CANADA

10.3 EUROPE

10.3.1 GERMANY

10.3.2 UK

10.3.3 FRANCE

10.3.4 REST OF EUROPE

10.4 ASIA PACIFIC (APAC)

10.4.1 CHINA

10.4.2 JAPAN

10.4.3 INDIA

10.4.4 REST OF APAC

10.5 LATIN AMERICA

10.5.1 BRAZIL

10.5.2 MEXICO

10.5.3 REST OF LATIN AMERICA

10.6 MIDDLE EAST & AFRICA (MEA)

## **11 COMPETITIVE LANDSCAPE**

11.1 OVERVIEW

11.2 RANKING ANALYSIS

11.3 COMPETITIVE SCENARIO

11.3.1 PRODUCT LAUNCHES AND DEVELOPMENTS

11.3.2 MERGERS AND ACQUISITIONS

11.3.3 PARTNERSHIPS, COLLABORATIONS, AND STRATEGIC ALLIANCES

11.3.4 CONTRACTS

## **12 COMPANY PROFILES**

### 12.1 KEY PLAYERS

(Business overview, Products offered, Recent developments, MNM view, SWOT analysis)\*

12.1.1 AIRSPAN

12.1.2 TEOCO

12.1.3 ERICSSON

12.1.4 CISCO

12.1.5 AMDOCS

12.1.6 HUAWEI

12.1.7 NEC

12.1.8 NOKIA

12.1.9 ROHDE & SCHWARZ

12.1.10 QUALCOMM

\*Business overview, Products offered, Recent developments, MNM view, SWOT analysis might not be captured in case of unlisted companies.

### 12.2 OTHER COMPANIES

12.2.1 VIAVI SOLUTIONS

12.2.2 CELLWIZE WIRELESS TECHNOLOGIES

12.2.3 BLINQ NETWORKS (COMMUNICATION COMPONENTS INC.)

12.2.4 BWTECH

12.2.5 COMARCH

12.2.6 CASA SYSTEMS

12.2.7 AIRHOP COMMUNICATIONS

12.2.8 CCS(CAMBRIDGE COMMUNICATION SYSTEMS) LTD.

12.2.9 COMMSCOPE

12.2.10 P.I. WORKS

## **13 APPENDIX**

13.1 INSIGHTS OF INDUSTRY EXPERTS

13.2 DISCUSSION GUIDE

13.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

13.4 AVAILABLE CUSTOMIZATIONS

13.5 RELATED REPORTS

## 13.6 AUTHOR DETAILS



## List Of Tables

### LIST OF TABLES

TABLE 1 SON MARKET, BY OFFERING, 2015–2023 (USD MILLION)

TABLE 2 SON MARKET FOR SOFTWARE, BY REGION, 2015–2023 (USD MILLION)

TABLE 3 SON MARKET FOR SERVICES, BY REGION, 2015–2023 (USD MILLION)

TABLE 4 SON MARKET, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 5 SON MARKET FOR RAN NETWORK INFRASTRUCTURE, BY REGION, 2015–2023 (USD MILLION)

TABLE 6 SON MARKET FOR CORE NETWORK INFRASTRUCTURE, BY REGION, 2015–2023 (USD MILLION)

TABLE 7 SON MARKET FOR BACKHAUL NETWORK INFRASTRUCTURE, BY REGION, 2015–2023 (USD MILLION)

TABLE 8 SON MARKET, BY ARCHITECTURE, 2015–2023 (USD MILLION)

TABLE 9 C-SON MARKET, BY REGION, 2015–2023 (USD MILLION)

TABLE 10 D-SON MARKET, BY REGION, 2015–2023 (USD MILLION)

TABLE 11 H-SON MARKET, BY REGION, 2015–2023 (USD MILLION)

TABLE 12 SON MARKET, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 13 SON MARKET FOR 2G/3G, BY REGION, 2015–2023 (USD MILLION)

TABLE 14 SON MARKET FOR 4G, BY REGION, 2015–2023 (USD MILLION)

TABLE 15 5G SON MARKET, BY REGION, 2015–2023 (USD MILLION)

TABLE 16 SON MARKET, BY REGION, 2015–2023 (USD MILLION)

TABLE 17 SON MARKET IN NORTH AMERICA, BY COUNTRY, 2015–2023 (USD MILLION)

TABLE 18 SON MARKET IN NORTH AMERICA, BY OFFERING, 2015–2023 (USD MILLION)

TABLE 19 SON MARKET IN NORTH AMERICA, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 20 SON SOFTWARE MARKET IN NORTH AMERICA, BY ARCHITECTURE, 2015–2023 (USD MILLION)

TABLE 21 SON MARKET IN NORTH AMERICA, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 22 SON MARKET IN US, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 23 SON MARKET IN US, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 24 SON MARKET IN CANADA, BY NETWORK INFRASTRUCTURE,

2015–2023 (USD MILLION)

TABLE 25 SON MARKET IN CANADA, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 26 SON MARKET IN EUROPE, BY COUNTRY, 2015–2023 (USD MILLION)

TABLE 27 SON MARKET IN EUROPE, BY OFFERING, 2015–2023 (USD MILLION)

TABLE 28 SON MARKET IN EUROPE, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 29 SON MARKET IN EUROPE, BY ARCHITECTURE, 2015–2023 (USD MILLION)

TABLE 30 SON MARKET IN EUROPE, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 31 SON MARKET IN GERMANY, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 32 SON MARKET IN GERMANY, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 33 SON MARKET IN UK, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 34 SON MARKET IN UK, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 35 SON MARKET IN FRANCE, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 36 SON MARKET IN FRANCE, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 37 SON MARKET IN ASIA PACIFIC, BY COUNTRY, 2015–2023 (USD MILLION)

TABLE 38 SON MARKET IN APAC, BY OFFERING, 2015–2023 (USD MILLION)

TABLE 39 SON MARKET IN APAC, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 40 SON MARKET IN APAC, BY ARCHITECTURE, 2015–2023 (USD MILLION)

TABLE 41 SON MARKET IN FRANCE, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 42 SON MARKET IN CHINA, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 43 SON MARKET IN CHINA, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 44 SON MARKET IN JAPAN, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 45 SON MARKET IN JAPAN, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 46 SON MARKET IN SOUTH KOREA, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 47 SON MARKET IN INDIA, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 48 SON MARKET IN LATIN AMERICA, BY COUNTRY, 2015–2023 (USD MILLION)

TABLE 49 SON MARKET IN LATIN AMERICA, BY OFFERING, 2015–2023 (USD MILLION)

TABLE 50 SON MARKET IN LATIN AMERICA, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 51 SON MARKET IN LATIN AMERICA, BY ARCHITECTURE, 2015–2023 (USD MILLION)

TABLE 52 SON MARKET IN LATIN AMERICA, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 53 SON MARKET IN BRAZIL, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 54 SON MARKET IN BRAZIL, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 55 SON MARKET IN MEXICO, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 56 SON MARKET IN MEXICO, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 57 SON MARKET IN MEA, BY OFFERING, 2015–2023 (USD MILLION)

TABLE 58 SON MARKET IN MEA, BY NETWORK INFRASTRUCTURE, 2015–2023 (USD MILLION)

TABLE 59 SON MARKET IN MEA, BY ARCHITECTURE, 2015–2023 (USD MILLION)

TABLE 60 SON MARKET IN MEA, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)

TABLE 61 RANK OF KEY PLAYERS IN SON MARKET, 2017

TABLE 62 10 MOST RECENT PRODUCT LAUNCHES AND DEVELOPMENTS IN SON MARKET

TABLE 63 MERGERS AND ACQUISITIONS IN SON MARKET

TABLE 64 PARTNERSHIPS, COLLABORATIONS, AND STRATEGIC ALLIANCES IN SON MARKET

TABLE 65 CONTRACTS IN SON MARKET

## List Of Figures

### LIST OF FIGURES

- FIGURE 1 SON MARKET SEGMENTATION
- FIGURE 2 SON MARKET: RESEARCH DESIGN
- FIGURE 3 BOTTOM-UP APPROACH
- FIGURE 4 TOP-DOWN APPROACH
- FIGURE 5 DATA TRIANGULATION
- FIGURE 6 SON MARKET, 2015–2023 (USD BILLION)
- FIGURE 7 SON MARKET, BY OFFERING, 2018 VS. 2023 (USD MILLION)
- FIGURE 8 SON MARKET, BY NETWORK TECHNOLOGY, 2015–2023 (USD MILLION)
- FIGURE 9 SON MARKET, BY NETWORK INFRASTRUCTURE (2016, 2018, AND 2023)
- FIGURE 10 SON MARKET, BY REGION (2017)
- FIGURE 11 GROWING NETWORK COMPLEXITY WITH INCREASING NUMBER OF SMALL CELL DEPLOYMENT TO DRIVE SON MARKET GROWTH
- FIGURE 12 SERVICES TO CONTINUE TO DOMINATE SON MARKET, BASED ON OFFERING, TILL 2023
- FIGURE 13 4G TECHNOLOGY TO HOLD LARGEST SIZE OF SON MARKET BY 2023
- FIGURE 14 CHINA HELD LARGEST SHARE OF SON MARKET IN APAC IN 2017
- FIGURE 15 MEXICO TO EXHIBIT SIGNIFICANT GROWTH IN SON MARKET DURING 2018–2023
- FIGURE 16 SON MARKET DYNAMICS
- FIGURE 17 DEPLOYMENT OF SMALL CELLS (4G AND 5G), BY END USE
- FIGURE 18 SDN/NFV MARKET, 2015 TO 2022 (USD BILLION)
- FIGURE 19 WIRELESS CONNECTIVITY MARKET, 2015 TO 2023 (USD BILLION)
- FIGURE 20 VALUE CHAIN ANALYSIS
- FIGURE 21 SERVICES SEGMENT TO DOMINATE SON MARKET DURING FORECAST PERIOD
- FIGURE 22 WI-FI NETWORK INFRASTRUCTURE TO EXHIBIT HIGHEST CAGR IN SON MARKET DURING FORECAST PERIOD
- FIGURE 23 C-SON TO CONTINUE TO LEAD SON MARKET DURING FORECAST PERIOD
- FIGURE 24 5G SON SOLUTIONS TO WITNESS HIGHEST CAGR BETWEEN 2018 AND 2023
- FIGURE 25 GEOGRAPHIC SNAPSHOT OF SON MARKET
- FIGURE 26 SON MARKET SNAPSHOT IN NORTH AMERICA
- FIGURE 27 SON MARKET SNAPSHOT IN EUROPE

FIGURE 28 SON MARKET SNAPSHOT IN APAC  
FIGURE 29 SON MARKET SNAPSHOT IN LATIN AMERICA  
FIGURE 30 SON MARKET SNAPSHOT IN MEA  
FIGURE 31 KEY DEVELOPMENTS BY LEADING PLAYERS IN SON MARKET  
BETWEEN JANUARY 2015 AND MARCH 2018  
FIGURE 32 ERICSSON: COMPANY SNAPSHOT  
FIGURE 33 CISCO: COMPANY SNAPSHOT  
FIGURE 34 AMDOCS: COMPANY SNAPSHOT  
FIGURE 35 HUAWEI: COMPANY SNAPSHOT  
FIGURE 36 NEC: COMPANY SNAPSHOT  
FIGURE 37 NOKIA: COMPANY SNAPSHOT  
FIGURE 38 QUALCOMM: COMPANY SNAPSHOT

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