

# **Telecom System Integration Market by Application (OSS, BSS (Billing & Revenue Management, Subscriber Data Management, Service Fulfilment), Network Management, and Digital Services), Deployment Type, and Region - Global Forecast to 2022**

<https://marketpublishers.com/r/S89043446C8EN.html>

Date: January 2018

Pages: 107

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

ID: S89043446C8EN

## **Abstracts**

“Evolution of IoT, lack of in-house expertise, and cloud and network migration activities are major driving forces for the growth of telecom system integration market.”

The telecom system integration market size is expected to grow from USD 16.56 billion in 2017 to USD 25.16 billion by 2022, at a CAGR of 8.7% during the forecast period. This market is majorly driven by an increasing need to cope with the cloud and migration activities undertaken by telecom vendors. The rapid advancements in the cloud have encouraged telecom vendors to embrace cloud-based solutions and migrate their workload to the cloud. This has created a need for telecom system integration expertise to seamlessly integrate their network and IT infrastructure with advanced cloud solutions. However, high implementation and maintenance cost along with excess time consumption may affect the growth of telecom system integration service.

“Service assurance segment is expected to hold the major share of OSS application area during the forecast period”

Service assurance solutions facilitate telecom companies and communication service providers to pro-actively detect network-related issues thus reducing the time required to resolve the issues. This solution has been largely adopted by telecom companies and communication service providers to reduce the impact of network issues on customer

service. The high adoption of this solution has subsequently led to the high market size of service assurance segment in the OSS application. Service assurance enables telecom companies and communication service providers to deliver high quality service to their customers by detecting and resolving service issues.

“On-premises segment is expected to hold a higher market share during the forecast period”

The on-premises deployment type is expected to hold a larger market size during the forecast period, as telecom vendors have a ready infrastructure and in-house teams to manage network and IT infrastructure, they prefer deploying advanced solutions on-premises. Due to the preference for on-premises solutions, the on-premises segment is estimated to hold the major share of the market. However, the on-premises segment is expected to grow at a slower rate during the forecast period owing to the increasing demand for cloud-based solutions.

“Asia Pacific (APAC) is projected to have high growth potential during the forecast period.”

North America is considered as a major market for telecom system integrators, as the region is estimated to hold the largest market share in 2017, while APAC is expected to be the fastest-growing region in terms of CAGR during the forecast period. APAC provides growth opportunities for telecom system integration vendors during the forecast period, considering the increasing commercial investments from telecom companies and communication service providers in the emerging economies in the region. Telecom companies and communication service providers have been keen on exploring untapped opportunities in the APAC region, thus providing opportunities for telecom system integrators.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted with the key people. The break-up of profiles of primary participants is given below:

By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C-level – 35%, D-level – 25%, and Others – 40%

By Region: North America – 45%, Europe – 20%, APAC – 30%, and RoW – 5%

Major telecom system integration service providers include IBM (US), Ericsson (Sweden), Nokia Networks (Finland), Tech Mahindra (India), Huawei (China), Wipro (India), Infosys (India), DXC Technology (US), Cognizant (US), HCL (India), Syntel (US), and Stixis Technologies (US).

### Research Coverage

The global telecom system integration market is segmented by application area, deployment type, and region. The report will help market leaders/new entrants in this market in the following ways:

The report segments the telecom system integration market comprehensively and provides the closest approximations of the revenue numbers for the overall market and subsegments. The market numbers are further split across different verticals and regions.

### Reasons to Buy the Report

From an insight perspective, this research report focuses on various levels of analysis—market share analysis of the top players and company profiles, which together comprise and discuss basic views on the competitive landscape; emerging and high-growth segments of the telecom system integration market; and high-growth regions and their respective drivers, restraints, challenges, and opportunities.

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which, in turn, will help firms in garnering a greater market share in the global telecom system integration market.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Breakdown of primaries
    - 2.1.2.2 Key industry insights
- 2.2 MARKET SIZE ESTIMATION
- 2.3 ASSUMPTIONS
- 2.4 LIMITATIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE TELECOM SYSTEM INTEGRATION MARKET
- 4.2 TELECOM SYSTEM INTEGRATION MARKET, BY DEPLOYMENT TYPE
- 4.3 TELECOM SYSTEM INTEGRATION MARKET, BY APPLICATION AREA
- 4.4 TELECOM SYSTEM INTEGRATION MARKET, BY OPERATIONAL SUPPORT SYSTEM AND REGION

### 5 MARKET OVERVIEW

- 5.1 INTRODUCTION
- 5.2 MARKET DYNAMICS
  - 5.2.1 DRIVERS
    - 5.2.1.1 Cloud and network integration

5.2.1.2 Lack of in-house expertise

5.2.1.3 Proliferation of IoT in the telecom industry

#### 5.2.2 RESTRAINTS

5.2.2.1 High implementation costs and more time consumption

#### 5.2.3 OPPORTUNITIES

5.2.3.1 Faster pace of technological advancements

5.2.3.2 Fierce competition in the telecom sector

#### 5.2.4 CHALLENGES

5.2.4.1 Integration affecting data timeliness

## **6 TELECOM SYSTEM INTEGRATION MARKET, BY APPLICATION AREA**

### 6.1 INTRODUCTION

### 6.2 OPERATIONS SUPPORT SYSTEMS

6.2.1 SERVICE ASSURANCE

6.2.2 RESOURCE INVENTORY MANAGEMENT

6.2.3 OTHERS

### 6.3 BUSINESS SUPPORT SYSTEMS

6.3.1 BILLING AND REVENUE MANAGEMENT

6.3.2 SUBSCRIBER DATA MANAGEMENT

6.3.3 SERVICE FULFILLMENT

6.3.4 OTHERS

### 6.4 NETWORK MANAGEMENT

6.4.1 NETWORK SECURITY

6.4.2 NETWORK MONITORING AND OPTIMIZATION

6.4.3 NETWORK INTEGRATION

6.4.4 OTHERS

### 6.5 DIGITAL SERVICES

## **7 TELECOM SYSTEM INTEGRATION MARKET, BY DEPLOYMENT TYPE**

### 7.2 INTRODUCTION

### 7.3 ON-PREMISES

### 7.4 CLOUD

## **8 TELECOM SYSTEM INTEGRATION MARKET, BY REGION**

### 8.1 INTRODUCTION

### 8.2 NORTH AMERICA

8.3 EUROPE

8.4 ASIA PACIFIC

8.5 MIDDLE EAST AND AFRICA

8.6 LATIN AMERICA

## **9 COMPETITIVE LANDSCAPE**

9.1 OVERVIEW

9.2 COMPETITIVE SCENARIO

9.2.1 NEW SOLUTION/SERVICE LAUNCHES

9.2.2 BUSINESS EXPANSIONS

9.2.3 MERGERS AND ACQUISITIONS

9.2.4 PARTNERSHIPS

9.3 MARKET RANKING

## **10 COMPANY PROFILES**

10.1 IBM

(Business Overview, Services Offered, Recent Developments, SWOT Analysis, and MNM View)

10.2 ERICSSON

10.3 NOKIA NETWORKS

10.4 HUAWEI

10.5 WIPRO

10.6 TECH MAHINDRA

10.7 INFOSYS

10.8 DXC TECHNOLOGY

10.9 COGNIZANT

10.10 HCL

10.11 SYNTEL

\*Details on Business Overview, Services Offered, Recent Developments, SWOT Analysis, and MNM View might not be captured in case of unlisted companies.

10.12 KEY INNOVATORS

10.12.1 STIXIS TECHNOLOGIES

## **11 APPENDIX**

11.1 DISCUSSION GUIDE

11.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

11.3 INTRODUCTION RT: REAL-TIME MARKET INTELLIGENCE

11.4 AVAILABLE CUSTOMIZATIONS

11.5 RELATED REPORTS

11.6 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

Table 1 UNITED STATES DOLLAR EXCHANGE RATE

Table 2 TELECOM SYSTEM INTEGRATION MARKET SIZE, BY APPLICATION AREA, 2015–2022 (USD MILLION)

Table 3 OPERATIONS SUPPORT SYSTEMS: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 4 SERVICE ASSURANCE MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 5 RESOURCE INVENTORY MANAGEMENT MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 6 OTHERS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 7 BUSINESS SUPPORT SYSTEMS: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 8 BILLING AND REVENUE MANAGEMENT MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 9 SUBSCRIBER DATA MANAGEMENT MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 10 SERVICE FULFILLMENT MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 11 OTHERS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 12 NETWORK MANAGEMENT: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 13 NETWORK SECURITY MARKET SIZE, BY REGION, 2015–2022 (USD BILLION)

Table 14 NETWORK MONITORING AND OPTIMIZATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 15 NETWORK INTEGRATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 16 OTHERS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 17 DIGITAL SERVICES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 18 TELECOM SYSTEM INTEGRATION MARKET SIZE, BY DEPLOYMENT TYPE, 2015–2022 (USD MILLION)

Table 19 ON-PREMISES: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 20 CLOUD: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY REGION,



2015–2022 (USD MILLION)

Table 21 TELECOM SYSTEM INTEGRATION MARKET SIZE, BY REGION,  
2015–2022 (USD MILLION)

Table 22 NORTH AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
APPLICATION AREA, 2015–2022 (USD MILLION)

Table 23 NORTH AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
OPERATIONS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 24 NORTH AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
BUSINESS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 25 NORTH AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
NETWORK MANAGEMENT TYPE, 2015–2022 (USD MILLION)

Table 26 NORTH AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
DEPLOYMENT TYPE, 2015–2022 (USD MILLION)

Table 27 NORTH AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
COUNTRY, 2015–2022 (USD MILLION)

Table 28 EUROPE: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
APPLICATION AREA, 2015–2022 (USD MILLION)

Table 29 EUROPE: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
OPERATIONS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 30 EUROPE: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
BUSINESS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 31 EUROPE: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
NETWORK MANAGEMENT TYPE, 2015–2022 (USD MILLION)

Table 32 EUROPE: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
DEPLOYMENT TYPE, 2015–2022 (USD MILLION)

Table 33 EUROPE: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
COUNTRY, 2015–2022 (USD MILLION)

Table 34 ASIA PACIFIC: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
APPLICATION AREA, 2015–2022 (USD MILLION)

Table 35 ASIA PACIFIC: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
OPERATIONS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 36 ASIA PACIFIC: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
BUSINESS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 37 ASIA PACIFIC: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
NETWORK MANAGEMENT TYPE, 2015–2022 (USD MILLION)

Table 38 ASIA PACIFIC: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
DEPLOYMENT TYPE, 2015–2022 (USD MILLION)

Table 39 ASIA PACIFIC: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY  
COUNTRY, 2015–2022 (USD MILLION)

Table 40 MIDDLE EAST AND AFRICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY APPLICATION AREA, 2015–2022 (USD MILLION)

Table 41 MIDDLE EAST AND AFRICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY OPERATIONS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 42 MIDDLE EAST AND AFRICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY BUSINESS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 43 MIDDLE EAST AND AFRICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY NETWORK MANAGEMENT TYPE, 2015–2022 (USD MILLION)

Table 44 MIDDLE EAST AND AFRICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY DEPLOYMENT TYPE, 2015–2022 (USD MILLION)

Table 45 MIDDLE EAST AND AFRICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 46 LATIN AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY APPLICATION AREA, 2015–2022 (USD MILLION)

Table 47 LATIN AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY OPERATIONS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 48 LATIN AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY BUSINESS SUPPORT SYSTEMS TYPE, 2015–2022 (USD MILLION)

Table 49 LATIN AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY NETWORK MANAGEMENT TYPE, 2015–2022 (USD MILLION)

Table 50 LATIN AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY DEPLOYMENT TYPE, 2015–2022 (USD MILLION)

Table 51 LATIN AMERICA: TELECOM SYSTEM INTEGRATION MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 52 NEW SOLUTION/SERVICE LAUNCHES, 2016–2017

Table 53 BUSINESS EXPANSIONS, 2015–2017

Table 54 MERGERS AND ACQUISITIONS, 2015–2017

Table 55 PARTNERSHIPS, 2015–2017

Table 56 MARKET RANKING FOR THE TELECOM SYSTEM INTEGRATION MARKET, 2017

## List Of Figures

### LIST OF FIGURES

Figure 1 TELECOM SYSTEM INTEGRATION MARKET: MARKET SEGMENTATION

Figure 2 REGIONAL SCOPE

Figure 3 TELECOM SYSTEM INTEGRATION MARKET: RESEARCH DESIGN

Figure 4 DATA TRIANGULATION

Figure 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 6 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 7 TELECOM SYSTEM INTEGRATION MARKET: ASSUMPTIONS

Figure 8 TOP 3 SEGMENTS WITH THE LARGEST MARKET SHARES IN 2017

Figure 9 TELECOM SYSTEM INTEGRATION MARKET: REGIONAL SNAPSHOT

Figure 10 TELECOM SYSTEM INTEGRATION MARKET, BY BUSINESS SUPPORT SYSTEM, 2017–2022

Figure 11 TELECOM SYSTEM INTEGRATION MARKET, BY NETWORK MANAGEMENT, 2017–2022

Figure 12 RISING DEMAND FOR CLOUD-BASED INTEGRATION SERVICES IS EXPECTED TO DRIVE THE GROWTH OF THE TELECOM SYSTEM INTEGRATION MARKET DURING THE FORECAST PERIOD

Figure 13 CLOUD DEPLOYMENT TYPE IS EXPECTED TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD

Figure 14 DIGITAL SERVICES APPLICATION AREA IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 15 SERVICE ASSURANCE SEGMENT, AND NORTH AMERICA ARE ESTIMATED TO DOMINATE THE TELECOM SYSTEM INTEGRATION MARKET IN 2017

Figure 16 TELECOM SYSTEM INTEGRATION MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

Figure 17 DIGITAL SERVICES APPLICATION AREA IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 18 SERVICE ASSURANCE SEGMENT IS EXPECTED TO HOLD THE LARGEST MARKET SIZE IN 2017

Figure 19 BILLING AND REVENUE MANAGEMENT SEGMENT IS EXPECTED TO HOLD THE LARGEST MARKET SIZE IN 2017

Figure 20 NETWORK SECURITY SEGMENT IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 21 CLOUD DEPLOYMENT TYPE IS EXPECTED TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD

Figure 22 ASIA PACIFIC IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 23 REGIONAL SNAPSHOT: ASIA PACIFIC IS EXPECTED TO BE THE EMERGING REGION IN THE TELECOM SYSTEM INTEGRATION MARKET

Figure 24 NORTH AMERICA: MARKET SNAPSHOT

Figure 25 ASIA PACIFIC: MARKET SNAPSHOT

Figure 26 KEY DEVELOPMENTS BY THE LEADING PLAYERS IN THE TELECOM SYSTEM INTEGRATION MARKET FOR 2014–2017

Figure 27 IBM: COMPANY SNAPSHOT

Figure 28 IBM: SWOT ANALYSIS

Figure 29 ERICSSON: COMPANY SNAPSHOT

Figure 30 ERICSSON: SWOT ANALYSIS

Figure 31 NOKIA NETWORKS: COMPANY SNAPSHOT

Figure 32 NOKIA NETWORKS: SWOT ANALYSIS

Figure 34 HUAWEI: SWOT ANALYSIS

Figure 35 WIPRO: COMPANY SNAPSHOT

Figure 36 WIPRO: SWOT ANALYSIS

Figure 39 DXC TECHNOLOGY: COMPANY SNAPSHOT

Figure 40 COGNIZANT: COMPANY SNAPSHOT

Figure 41 HCL: COMPANY SNAPSHOT

Figure 42 SYNTEL: COMPANY SNAPSHOT

## I would like to order

Product name: Telecom System Integration Market by Application (OSS, BSS (Billing & Revenue Management, Subscriber Data Management, Service Fulfilment), Network Management, and Digital Services), Deployment Type, and Region - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/S89043446C8EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S89043446C8EN.html>