

Data Bus Market by Protocol (MIL-STD-1553, AFDX/ARINC 664, ARINC 429/629, CAN, TTP), Application (Marine, Commercial Aviation, Military Aviation, Automotive), Component (Micro couplers, Cables, Connectors, Accessories), and Region - Global Forecast to 2021

<https://marketpublishers.com/r/DBDA29323A5EN.html>

Date: September 2016

Pages: 186

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

ID: DBDA29323A5EN

Abstracts

“The data bus market is projected to grow at a CAGR of 4.05% during the forecast period”

The data bus market is projected to grow from USD 15.70 billion in 2016 to USD 19.47 billion by 2021, at a CAGR of 4.41% during the forecast period. The data bus market is predominantly driven by factors, such as rise in the number of aircraft deliveries, increase in passenger car orders, upgradation of airborne and naval programs, and need to reduce Swap specifications, among others. Developed countries, such as the U.S. and the U.K. have trimmed their defense budgets, which has hampered acquisition, and research and development in various applications. The average life cycle of a data bus varies from 35 years – 45 years, after which, a data bus is upgraded. The long product life cycle of a data bus restrains the growth of the market, as it reduces the chances of replacement of data bus with new systems.

“Based on protocol, the CAN segment of the data bus market is projected to grow at the highest CAGR during the forecast period”

Based on protocol, the CAN segment of the data bus market is expected to grow at the highest CAGR during the forecast period. This high growth rate of the CAN segment can be attributed to low complexity systems, owing to a single channel bus with

arbitration method for bus access. The segment is expected to witness significant growth in the next five years, as aircraft manufacturers, such as Airbus and Boeing are using CAN protocol in their aircraft to achieve high accuracy rate.

“Based on application, the marine segment of the data bus market is estimated to account for the largest market share during the forecast period”

Based on application, the marine segment is expected to account for the largest share of the data bus market during the forecast period. The marine segment includes military ships, general cargo, container ship, crude oil ships and passenger ships, and bulk carrier, among others. According to the International Chamber of Shipping (ICS), around 90% of the world trade, which includes import and export of goods, is carried out by the international shipping industry. Rise in demand for merchant and navy ships is driving the marine segment of the data bus market.

“North America to account for a large share of the data bus market. In addition, Asia-Pacific is projected to grow at the fastest rate during the forecast period” North America is expected to lead the data bus market during the forecast period. Countries in the region include the U.S. and Canada. The North America data bus market is driven by a large number of original component manufacturers (OCMs) and original equipment manufacturers (OEMs), major technological upgradation of existing equipment by key players, and the presence of key market players, such as Amphenol Corporation (U.S.), Corning Inc. (U.S.), and Data Device Corporation (U.S.). Additionally, huge investment by the U.S. Navy and Air Force in procuring and developing technologically advanced aircraft and ships is also fueling the growth of the data bus market. In the Asia-Pacific region, India has developed indigenous naval systems, such as INS Kamorata, INS Kadmat, INS Arihant, INS Vikramaditya, and INS Vikrant, among others, that use data bus. This is expected to fuel the growth of the data bus market. In addition, increase in sales of electric vehicles is anticipated to propel the growth of the data bus market in the region.

Break-up of profile of primary participants for this report:

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

By Designation – C level – 35%, Director level – 25%, Others – 40%

By Region – North America - 38%, Europe – 28%, Asia-Pacific – 18%, Middle East- 8%., RoW – 8%

Key players in the data bus market include TE Connectivity (Switzerland), Amphenol Corporation (U.S.), Nexans SA (France), Rockwell Collins (U.S.), Astronics Corporation (U.S.), Corning Inc. (U.S.), and Data Device Corporation (U.S.).

Study Coverage

The report analyzes the data bus market on the basis of protocol (MIL-STD-1553, AFDX/ARINC 664, ARINC 429/629, CAN, TTP), application (marine, commercial aviation, military aviation, automotive), and component (micro couplers, cables, connectors, accessories). It maps these segments and subsegments across major regions, namely North America, Europe, Asia-Pacific, the Middle East, and the Rest of the World.

Reasons to buy the report:

From an insight perspective, the data bus market report focuses on various levels of analysis — industry analysis, market share analysis of top players, and company profiles, which together comprise and discuss basic views on competitive landscape, high-growth regions, and countries, and their respective regulatory policies, drivers, restraints, and opportunities.

The data bus market report provides insights on the following pointers:

Market Penetration: Comprehensive mapping of competitive landscape and participants' behavior in the data bus market

Market Sizing: Market size in both, financial year 2014-2015, and between 2016 and 2021

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the data bus market

Market overview: Market dynamics and subsequent analysis of associated trends, drivers, restraints, and opportunities prevailing in the data bus market

Market Development: Comprehensive information about lucrative markets by

analyzing markets for data bus across various regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the data bus market

Regional Analysis: Factors influencing the market shares of North America, Europe, the Middle East, Asia-Pacific, and rest of the world

Competitive Assessment: In-depth assessment of strategies, products, and manufacturing capabilities of leading market players

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKET COVERED
 - 1.3.2 GEOGRAPHICAL COVERAGE
 - 1.3.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY & PRICING
- 1.5 STUDY LIMITATIONS
- 1.6 MARKET SHAREHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 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 FACTOR ANALYSIS
 - 2.2.1 DEMAND-SIDE ANALYSIS
 - 2.2.1.1 New airline business models & emerging economies
 - 2.2.2 SUPPLY SIDE ANALYSIS
 - 2.2.2.1 Global IT spending
 - 2.2.2.2 Aircraft deliveries (2016-2035)
- 2.3 MARKET SIZE ESTIMATION
 - 2.3.1 BOTTOM-UP APPROACH
 - 2.3.2 TOP-DOWN APPROACH
- 2.4 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.5 ASSUMPTIONS

3 EXECUTIVE SUMMARY

- 3.1 EVOLUTION OF MILITARY DATA BUS
- 3.2 NORTH AMERICA TO LEAD DATA BUS MARKET

3.3 CAN PROTOCOL TO HAVE LARGEST MARKET SHARE DURING FORECAST PERIOD

3.4 NEW PRODUCT LAUNCHES ARE THE KEY FOCUS TO CATER TO NEW REQUIREMENTS ACROSS APPLICATIONS

4 PREMIUM INSIGHTS

4.1 INCREASING GLOBAL DEMAND FOR DATA BUS

4.2 DATA BUS MARKET SIZE, BY PROTOCOL, 2016 & 2021

4.3 DATA BUS MARKET SIZE, BY APPLICATION, 2016 & 2021

4.4 DATA BUS MARKET SIZE, BY COMPONENT, 2016 & 2021

4.5 MARKET SHARE AND GROWTH ANALYSIS, BY REGION

4.6 LIFE CYCLE ANALYSIS, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 BY PROTOCOL

5.2.2 BY APPLICATION

5.2.3 BY COMPONENT

5.2.4 BY REGION

5.3 EVOLUTION OF DATA BUS PROTOCOLS

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 Need to reduce SWaP specifications

5.4.1.2 Increase in commercial aircraft deliveries

5.4.1.3 Need for data integrity & reliability

5.4.1.4 Need for acquisition of flight data units

5.4.1.5 Need to reduce wiring in aircraft

5.4.1.6 Telematics

5.4.1.7 Modernization of military aircraft

5.4.1.8 Intensive electrification in automotive, commercial aviation, and maritime applications

5.4.2 RESTRAINTS

5.4.2.1 Defense budget cuts

5.4.2.2 Product life cycle

5.4.3 CHALLENGES

5.4.3.1 Increasing bandwidth

- 5.4.3.2 Certification process
- 5.4.4 OPPORTUNITIES
 - 5.4.4.1 Glass cockpits
 - 5.4.4.2 Luxury car segment
- 5.4.5 BURNING ISSUES
 - 5.4.5.1 Safety critical AFDX
 - 5.4.5.2 Evolution of MIL-STD 1553
- 5.4.6 WINING IMPERATIVE
 - 5.4.6.1 Developing cost-efficient data bus

6 INDUSTRY TRENDS

- 6.1 INTRODUCTION
- 6.2 SUPPLY CHAIN ANALYSIS
- 6.3 VALUE CHAIN ANALYSIS
- 6.4 INDUSTRY TRENDS
- 6.5 STRATEGIC BENCHMARKING
 - 6.5.1 TECHNOLOGICAL INTEGRATION & PRODUCT ENHANCEMENT
- 6.6 TECHNOLOGY TRENDS
 - 6.6.1 FIBER OPTIC CABLES OVER COPPER CABLES
 - 6.6.2 ETHERNET
 - 6.6.3 DISTRIBUTED ARCHITECTURE
 - 6.6.4 EMERGING TTP TO AS6802
 - 6.6.5 FLEXRAY AS AN EMERGING AUTOMOTIVE PROTOCOL
 - 6.6.6 FLY-BY-OPTICS
 - 6.6.7 LIGHTWEIGHT DATA BUS CABLES

7 DATA BUS MARKET, BY COMPONENT

- 7.1 INTRODUCTION
- 7.2 MICRO COUPLERS
- 7.3 CABLES
- 7.4 CONNECTORS
- 7.5 ACCESSORIES

8 DATA BUS MARKET, BY APPLICATION

- 8.1 INTRODUCTION
- 8.2 MARINE

- 8.3 COMMERCIAL AVIATION
- 8.4 MILITARY AVIATION
- 8.5 AUTOMOTIVE

9 DATA BUS MARKET, BY PROTOCOL

- 9.1 INTRODUCTION
- 9.2 ARINC 429/629
- 9.3 CAN
- 9.4 TTP
- 9.5 AFDX/ARINC 664
- 9.6 MIL-STD 1553
 - 9.6.1 FACTORS INFLUENCING THE GROWTH OF THE MIL-STD 1553 SEGMENT IN THE DATA BUS MARKET

10 DATA BUS MARKET, BY REGION

- 10.1 INTRODUCTION
- 10.2 NORTH AMERICA
 - 10.2.1 BY PROTOCOL
 - 10.2.2 BY APPLICATION
 - 10.2.3 BY COMPONENT
 - 10.2.4 BY COUNTRY
 - 10.2.4.1 U.S.
 - 10.2.4.1.1 By protocol
 - 10.2.4.1.2 By application
 - 10.2.4.1.3 By component
 - 10.2.4.2 Canada
 - 10.2.4.2.1 By protocol
 - 10.2.4.2.2 By application
 - 10.2.4.2.3 By component
- 10.3 EUROPE
 - 10.3.1 BY PROTOCOL
 - 10.3.2 BY APPLICATION
 - 10.3.3 BY COMPONENT
 - 10.3.4 BY COUNTRY
 - 10.3.4.1 U.K.
 - 10.3.4.1.1 By protocol
 - 10.3.4.1.2 By application

- 10.3.4.1.3 By component
- 10.3.4.2 Russia
 - 10.3.4.2.1 By protocol
 - 10.3.4.2.2 By application
 - 10.3.4.2.3 By component
- 10.3.4.3 France
 - 10.3.4.3.1 By protocol
 - 10.3.4.3.2 By application
 - 10.3.4.3.3 By component
- 10.3.4.4 Germany
 - 10.3.4.4.1 By protocol
 - 10.3.4.4.2 By application
 - 10.3.4.4.3 By component
- 10.4 ASIA-PACIFIC
 - 10.4.1 BY PROTOCOL
 - 10.4.2 BY APPLICATION
 - 10.4.3 BY COMPONENT
 - 10.4.4 BY COUNTRY
 - 10.4.4.1 China
 - 10.4.4.1.1 By protocol
 - 10.4.4.1.2 By application
 - 10.4.4.1.3 By component
 - 10.4.4.2 India
 - 10.4.4.2.1 By protocol
 - 10.4.4.2.2 By application
 - 10.4.4.2.3 By component
 - 10.4.4.3 South Korea
 - 10.4.4.3.1 By protocol
 - 10.4.4.3.2 By application
 - 10.4.4.3.3 By component
 - 10.4.4.4 Japan
 - 10.4.4.4.1 By protocol
 - 10.4.4.4.2 By application
 - 10.4.4.4.3 By component
 - 10.5 THE MIDDLE EAST
 - 10.5.1 BY PROTOCOL
 - 10.5.2 BY APPLICATION
 - 10.5.3 BY COMPONENT
 - 10.5.4 BY COUNTRY

- 10.5.4.1 Saudi Arabia
 - 10.5.4.1.1 By protocol
 - 10.5.4.1.2 By application
 - 10.5.4.1.3 By component
- 10.5.4.2 U.A.E.
 - 10.5.4.2.1 By protocol
 - 10.5.4.2.2 By application
 - 10.5.4.2.3 By component
- 10.6 REST OF THE WORLD (ROW)
 - 10.6.1 BY PROTOCOL
 - 10.6.2 BY APPLICATION
 - 10.6.3 BY COMPONENT
 - 10.6.4 BY COUNTRY
 - 10.6.4.1 Brazil
 - 10.6.4.1.1 By protocol
 - 10.6.4.1.2 By application
 - 10.6.4.1.3 By component
 - 10.6.4.2 South Africa
 - 10.6.4.2.1 By protocol
 - 10.6.4.2.2 By application
 - 10.6.4.2.3 By component

11 COMPETITIVE LANDSCAPE

- 11.1 OVERVIEW
- 11.2 MARKET SHARE ANALYSIS, BY COMPANY
- 11.3 REGIONAL MARKET SHARE ANALYSIS
- 11.4 COMPETITIVE SITUATION & TRENDS
 - 11.4.1 NEW PRODUCT LAUNCHES & DEVELOPMENTS
 - 11.4.2 AGREEMENTS
 - 11.4.3 ACQUISITIONS
 - 11.4.4 CONTRACTS
 - 11.4.5 PARTNERSHIPS
 - 11.4.6 OTHER DEVELOPMENTS

12 COMPANY PROFILES

- 12.1 INTRODUCTION
- 12.2 FINANCIAL HIGHLIGHTS OF KEY PLAYERS

(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, Ratio Analysis, MnM View)*

12.3 TE CONNECTIVITY LTD.

12.4 AMPHENOL CORPORATION

12.5 FUJIKURA LTD.

12.6 ESTERLINE TECHNOLOGIES CORPORATION

12.7 CORNING INC.

12.8 ROCKWELL COLLINS

12.9 NEXANS SA

12.10 ASTRONICS CORPORATION

12.11 DATA DEVICE CORPORATION

12.12 OPTICAL CABLE CORPORATION

12.13 HUBER+SUHNER AG

*Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

13.3 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

13.4 AVAILABLE CUSTOMIZATIONS

13.5 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 KEY GROWTH FACTORS OF DATA BUS MARKET

Table 2 LONG PRODUCT LIFE CYCLE: A KEY RESTRAINT FOR GROWTH OF THE DATA BUS MARKET

Table 3 OBTAINING MANDATORY DATA BUS CERTIFICATIONS: A CHALLENGE

Table 4 AUTOMOTIVE INDUSTRY PAVING FAVORABLE AVENUES IN THE DATA BUS MARKET

Table 5 EMERGING TRENDS IN DATA BUS MARKET

Table 6 GLOBAL DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 7 MICRO COUPLERS: DATA BUS MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 8 CABLES: DATA BUS MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 9 CONNECTORS: DATA BUS MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 10 ACCESSORIES: DATA BUS MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 11 DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 12 DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 13 DATA BUS MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 14 NORTH AMERICA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 15 NORTH AMERICA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 16 NORTH AMERICA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 17 NORTH AMERICA: DATA BUS MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION)

Table 18 U.S.: MARKET LANDSCAPE (2015)

Table 19 U.S.: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 20 U.S.: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 21 U.S.: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 22 CANADA: MARKET LANDSCAPE (2015)

Table 23 CANADA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 24 CANADA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 25 CANADA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 26 EUROPE: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 27 EUROPE: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 28 EUROPE: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 29 EUROPE: DATA BUS MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION)

Table 30 U.K.: MARKET LANDSCAPE (2015)

Table 31 U.K.: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 32 U.K.: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 33 U.K.: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 34 RUSSIA: MARKET LANDSCAPE (2015)

Table 35 RUSSIA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 36 RUSSIA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 37 RUSSIA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 38 FRANCE: MARKET LANDSCAPE (2015)

Table 39 FRANCE: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 40 FRANCE: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 41 FRANCE: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 42 GERMANY: MARKET LANDSCAPE (2015)

Table 43 GERMANY: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 44 GERMANY: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

MILLION)

Table 45 GERMANY: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 46 ASIA-PACIFIC: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 47 ASIA-PACIFIC: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 48 ASIA-PACIFIC: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 49 ASIA-PACIFIC: DATA BUS MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION)

Table 50 CHINA: MARKET LANDSCAPE (2015)

Table 51 CHINA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 52 CHINA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 53 CHINA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 54 INDIA: MARKET LANDSCAPE (2015)

Table 55 INDIA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 56 INDIA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 57 INDIA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 58 SOUTH KOREA: MARKET LANDSCAPE (2015)

Table 59 SOUTH KOREA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 60 SOUTH KOREA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 61 SOUTH KOREA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 62 JAPAN: MARKET LANDSCAPE (2015)

Table 63 JAPAN: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD MILLION)

Table 64 JAPAN: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

Table 65 JAPAN: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD MILLION)

Table 66 MIDDLE EAST: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021
(USD MILLION)

Table 67 MIDDLE-EAST: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021
(USD MILLION)

Table 68 MIDDLE EAST: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021
(USD MILLION)

Table 69 MIDDLE EAST: DATA BUS MARKET SIZE, BY COUNTRY, 2014-2021 (USD
MILLION)

Table 70 SAUDI ARABIA: MARKET LANDSCAPE (2015)

Table 71 SAUDI ARABIA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021
(USD MILLION)

Table 72 SAUDI ARABIA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021
(USD MILLION)

Table 73 SAUDI ARABIA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021
(USD MILLION)

Table 74 U.A.E.: MARKET LANDSCAPE (2015)

Table 75 U.A.E.: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD
MILLION)

Table 76 U.A.E.: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD
MILLION)

Table 77 U.A.E.: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD
MILLION)

Table 78 REST OF THE WORLD: DATA BUS MARKET SIZE, BY PROTOCOL,
2014-2021 (USD MILLION)

Table 79 REST OF THE WORLD: DATA BUS MARKET SIZE, BY APPLICATION,
2014-2021 (USD MILLION)

Table 80 REST OF THE WORLD: DATA BUS MARKET SIZE, BY COMPONENT,
2014-2021 (USD MILLION)

Table 81 REST OF THE WORLD: DATA BUS MARKET SIZE, BY COUNTRY,
2014-2021 (USD MILLION)

Table 82 BRAZIL: MARKET LANDSCAPE (2015)

Table 83 BRAZIL: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021 (USD
MILLION)

Table 84 BRAZIL: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021 (USD
MILLION)

Table 85 BRAZIL: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021 (USD
MILLION)

Table 86 SOUTH AFRICA: MARKET LANDSCAPE (2015)

Table 87 SOUTH AFRICA: DATA BUS MARKET SIZE, BY PROTOCOL, 2014-2021

(USD MILLION)

Table 88 SOUTH AFRICA: DATA BUS MARKET SIZE, BY APPLICATION, 2014-2021

(USD MILLION)

Table 89 SOUTH AFRICA: DATA BUS MARKET SIZE, BY COMPONENT, 2014-2021

(USD MILLION)

Table 90 NEW PRODUCT LAUNCHES & DEVELOPMENTS, 2013-2016

Table 91 AGREEMENTS, 2013-2016

Table 92 ACQUISITIONS, 2011-2016

Table 93 CONTRACTS, 2011-2016

Table 94 PARTNERSHIPS, 2013-2016

Table 95 OTHER DEVELOPMENTS, 2010-2015

List Of Figures

LIST OF FIGURES

Figure 1 RESEARCH DESIGN

Figure 2 MILITARY SPENDING MATRIX, BY COUNTRY, 2013

Figure 3 ANNUAL SPENDING OF U.S. DEPARTMENT OF DEFENSE TO DECLINE BY 2020

Figure 4 SOUTH ASIA ACCOUNTS FOR THE HIGHEST ANNUAL GDP GROWTH RATE IN 2015

Figure 5 NEW OPPORTUNITIES IN COMMERCIAL AVIATION BY 2035

Figure 6 GLOBAL PREMIUM CAR SALES: CHINA TO LEAD THE PREMIUM CAR MARKET BY 2020 (IN THOUSANDS UNITS)

Figure 7 GLOBAL PASSENGER VEHICLE SALES 2010–2015

Figure 8 GLOBAL AUTOMOTIVE SALES, 2014-2015

Figure 9 GLOBAL IT SPENDING, 2014–2016 (USD BILLION)

Figure 10 AIRCRAFT DELIVERIES, BY REGION, 2016-2035

Figure 11 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 12 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 13 DATA TRIANGULATION METHODOLOGY

Figure 14 ASSUMPTIONS OF THE RESEARCH STUDY

Figure 15 EVOLUTION OF MIL-STD 1553 DATA BUS

Figure 16 NORTH AMERICA TO LEAD DATA BUS MARKET, 2016 & 2021 (USD BILLION)

Figure 17 CAN PROTOCOL TO LEAD DATA BUS MARKET, 2016 & 2021(USD BILLION)

Figure 18 ASIA PACIFIC TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 19 ASIA PACIFIC TO EMERGE AS A LUCRATIVE MARKET FOR DATA BUS

Figure 20 DATA BUS REVENUE POCKETS

Figure 21 ACQUISITIONS & NEW PRODUCT LAUNCHES WERE THE KEY GROWTH STRATEGIES ADOPTED BY TOP PLAYERS

Figure 22 ATTRACTIVE MARKET OPPORTUNITIES IN THE DATA BUS MARKET

Figure 23 GROWTH OPPORTUNITIES FOR CAN PROTOCOL

Figure 24 GROWTH OPPORTUNITIES FOR DATA BUS MARKET IN MARINE APPLICATION

Figure 25 MICRO COUPLERS SEGMENT TO WITNESS HIGH GROWTH BETWEEN 2016 AND 2021

Figure 26 UNTAPPED DATA BUS MARKET IN ASIA-PACIFIC REGION

- Figure 27 ASIA-PACIFIC ESTIMATED TO WITNESS INCREASED GROWTH BY 2021
- Figure 28 DATA BUS MARKET, BY PROTOCOL
- Figure 29 DATA BUS MARKET, BY APPLICATION
- Figure 30 DATA BUS MARKET, BY COMPONENT
- Figure 31 DATA BUS MARKET, BY REGION
- Figure 32 EVOLUTION - 1970
- Figure 33 NEED TO REDUCE SWAP SPECIFICATIONS FUELING THE GROWTH OF THE DATA BUS MARKET
- Figure 34 DATA BUS MARKET: SUPPLY CHAIN ANALYSIS
- Figure 35 SUPPLY CHAIN OF HARDWARE COMPONENTS
- Figure 36 DATA BUS MARKET: VALUE CHAIN ANALYSIS
- Figure 37 TECHNOLOGICAL INTEGRATION & PRODUCT ENHANCEMENT
- Figure 38 RUSSIA, INDIA, AND CHINA: ATTRACTIVE MARKETS FOR DATA BUS COMPONENTS
- Figure 39 THE MICRO COUPLERS SEGMENT IN ASIA-PACIFIC IS PROJECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD
- Figure 40 DATA BUS CABLES MARKET, BY REGION (%)
- Figure 41 CONNECTORS SEGMENT IN NORTH AMERICA TO LEAD THE DATA BUS MARKET
- Figure 42 DATA BUS ACCESSORIES MARKET, BY REGION, 2016-2021 (USD MILLION)
- Figure 43 SHIP DELIVERIES, 2014-2021
- Figure 44 COMMERCIAL AIRCRAFT DELIVERIES, 2014-2021 (UNITS)
- Figure 45 DATA BUS MARKET FOR FIXED-WING AIRCRAFT TO HOLD LARGEST SHARE BETWEEN 2014 TO 2021
- Figure 46 GLOBAL DEFENSE SPENDING, BY COUNTRY, 2015
- Figure 47 AVERAGE AGE OF FIXED-WING FLEET FOR SOUTHEAST ASIAN COUNTRIES
- Figure 48 AIRBORNE AND LAND-BASED PLATFORMS TO OCCUPY MORE THAN TWO-THIRDS OF THE DATA BUS MARKET IN THE MILITARY AVIATION SECTOR BY 2021
- Figure 49 GLOBAL AUTOMOTIVE INDUSTRY OVERVIEW
- Figure 50 DATA BUS MARKET: GEOGRAPHIC SNAPSHOT (2016-2021)
- Figure 51 RUSSIA, INDIA, AND CHINA: LUCRATIVE MARKETS FOR DATA BUS
- Figure 52 NORTH AMERICA DATA BUS MARKET SNAPSHOT: THE U.S. IS ESTIMATED TO ACCOUNT FOR THE LARGEST MARKET SHARE IN 2016
- Figure 53 EUROPE DATA BUS MARKET SNAPSHOT: RUSSIA ESTIMATED TO ACCOUNT FOR THE LARGEST MARKET SHARE IN 2016
- Figure 54 ASIA-PACIFIC DATA BUS MARKET SNAPSHOT: CHINA TO ACCOUNT

FOR THE LARGEST MARKET SHARE IN 2016

Figure 55 MIDDLE EAST DATA BUS MARKET SNAPSHOT: SAUDI ARABIA TO ACCOUNT FOR THE LARGEST MARKET SHARE IN 2016

Figure 56 REST OF THE WORLD DATA BUS MARKET SNAPSHOT: BRAZIL TO ACCOUNT FOR THE LARGEST MARKET SHARE IN 2016

Figure 57 ORGANIC AND INORGANIC GROWTH STRATEGIES FOLLOWED BY KEY PLAYERS IN THE DATA BUS MARKET, 2011-2016

Figure 58 MARKET SHARE ANALYSIS, 2015

Figure 59 DATA BUS MARKET, BY REGION 2015

Figure 60 STRATEGIC ACQUISITIONS & NEW PRODUCT DEVELOPMENTS ARE THE KEY GROWTH STRATEGIES

Figure 61 REGIONAL REVENUE MIX OF TOP PLAYERS

Figure 62 FINANCIAL HIGHLIGHTS

Figure 63 TE CONNECTIVITY LTD.: COMPANY SNAPSHOT

Figure 64 TE CONNECTIVITY LTD.: SWOT ANALYSIS

Figure 65 AMPHENOL CORPORATION: COMPANY SNAPSHOT

Figure 66 AMPHENOL CORPORATION: SWOT ANALYSIS:

Figure 67 FUJIKURA LTD.: COMPANY SNAPSHOT

Figure 68 FUJIKURA LTD.: SWOT ANALYSIS

Figure 69 ESTERLINE TECHNOLOGIES CORPORATION: COMPANY SNAPSHOT

Figure 70 ESTERLINE TECHNOLOGIES CORPORATION: SWOT ANALYSIS

Figure 71 CORNING INC.: COMPANY SNAPSHOT

Figure 72 CORNING INC.: SWOT ANALYSIS

Figure 73 ROCKWELL COLLINS: COMPANY SNAPSHOT

Figure 74 NEXANS SA: COMPANY SNAPSHOT

Figure 75 ASTRONICS CORPORATION: COMPANY SNAPSHOT

Figure 76 OPTICAL CABLE CORPORATION: COMPANY SNAPSHOT

Figure 77 HUBER+SUHNER AG: COMPANY SNAPSHOT

I would like to order

Product name: Data Bus Market by Protocol (MIL-STD-1553, AFDX/ARINC 664, ARINC 429/629, CAN, TTP), Application (Marine, Commercial Aviation, Military Aviation, Automotive), Component (Micro couplers, Cables, Connectors, Accessories), and Region - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/DBDA29323A5EN.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/DBDA29323A5EN.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