Automotive Axle & Propeller Shaft Market by Position (Front, Rear, and Inter-Axle Propeller Shaft), Axle Type (Live, Dead, and Tandem Axle), Propeller Shaft Type (Single, and Multi Piece), Material (Alloy, and Carbon Fiber) - Global Forecast to 2021

Description: The global axle and propeller shaft sales is estimated to grow at a CAGR of 8.22%, to reach USD 58.07 billion during 2016-2021 period. Growing adoption of AWD vehicles, growth in vehicle production as well as advancement in engineering to enhance vehicle performance and fuel efficiency are estimated to drive the market. However, fluctuating raw material prices and pricing pressure from automotive OEM’s are expected to be major challenges for axle and propeller shaft manufacturers.

Carbon fiber composites are being used in automotive components owing to their structural advantages over their metallic counterparts. These include lower weight and higher strength, which are of vital importance to the OEMs. The cost is expected to decline with mass adoption and improved manufacturing process, which is projected to make carbon fiber propeller shaft more competitive in the marketplace. These factors would make the carbon fiber propeller shaft segment to be one of the fastest growing markets.

Asia-Oceania is estimated to be the largest market for axles and propeller shafts, and is projected to grow at the highest rate from 2016-2021 period. In recent years, the region has emerged as a hub for automobile production. Infrastructural developments and industrialization activities in emerging economies have opened new avenues, creating several opportunities for OEMs along with automotive component suppliers.

The study contains insights provided by various industry experts, ranging from online retailers to Tier-1 companies and OEMs.

The Break-Up of the Primaries is as Follows:

- By Company Type: Tier I-59%, Tier II-26% and Tier III-15%,
- By Designation: C Level-26%, D Level-38% and Others-36%
- By Region: North America-21%, Europe-38%, Asia-Pacific-31%, and RoW-10%

Players Profiled in the Report are:

- Meritor, Inc. (U.S.)
- ZF Friedrichshafen AG (Germany)
- American Axle & Manufacturing Holdings, Inc. (U.S.)
- Dana Incorporated (U.S.)
- GKN PLC (U.K.)
- Showa Corporation (Japan)
- Hyundai Wia Corporation (South Korea)
- Gestamp (U.S.)
- JTEKT Corporation (Japan)
- IFA Rotorion - Holding GmbH (Germany)
- RSB Global (India)

Research Coverage:

The report provides a picture of global automotive axle and propeller shaft market along with the market details for various types and materials with respect to different regions and countries. It aims at estimating the size and future growth potential of this market across different segments such as the axle market based on type (live, dead, & tandem), position (front & rear), and propeller shaft market based on type (single piece & multi piece), position (front, rear & inter-axle), material (alloy & carbon fiber), along with region. Furthermore, the report also include an in-depth competitive analysis of the key players in the market along with their company profiles, SWOT analysis, recent developments, and key market strategies.

Key Benefits of Buying the Report:
The report will help the market leaders/new entrants in this market by providing them the closest approximations of the revenue numbers for the overall axle and propeller shaft market and their subsegments. This report will help stakeholders to better understand the competitor landscape and gain more insights to better position their businesses and make suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.

Contents:

1 Introduction
  1.1 Objectives of the Study
  1.2 Market Definition
  1.3 Market Scope
  1.3.1 Markets Covered
  1.3.2 Years Considered for the Study
  1.4 Currency
  1.5 Limitations
  1.6 Stakeholders

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 Market Size Estimation
  2.3 Market Breakdown and Data Triangulation
  2.4 Research Assumptions

3 Executive Summary

4 Premium Insights
  4.1 Attractive Market Opportunities in the Telecom Service Assurance Market
  4.2 Telecom Service Assurance Market: Market Share of Top Three Software and Regions
  4.3 Lifecycle Analysis, By Region, 2016
  4.4 Market Investment Scenario
  4.5 Telecom Service Assurance Market: By Professional Service

5 Market Overview
  5.1 Introduction
  5.2 Market Segmentation
  5.2.1 By Solution
  5.2.2 By Software
  5.2.3 By Service
  5.2.4 By Organization Size
  5.2.5 By Deployment Type
  5.2.6 By Region
  5.3 Market Dynamics
  5.3.1 Drivers
  5.3.1.1 Voluminous Increase in the Number of Subscribers
  5.3.1.2 Need for High Optimization and Increased Cost Savings
  5.3.1.3 Ability to Measure the Performance of A Service and Quality of Service
  5.3.2 Restraints
  5.3.2.1 Resistance to Adoption of New Technologies
  5.3.2.2 Data Privacy Issues
  5.3.3 Opportunities
  5.3.3.1 Emergence of Highly Technical and Complex Technologies
  5.3.3.2 Increased Competition in Developed Regions
  5.3.4 Challenges
  5.3.4.1 Lack of Support and Integration Concerns Across Multiple Vendors and Technologies
12.13 Netscout Systems, Inc.
12.14 Oracle Corporation
12.15 Spirent Communications PLC
12.16 Tata Consultancy Services Limited
12.17 Teoco Corporation
12.18 Viavi Solutions Inc.
12.19 ZTE Corporation

- 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 Other Key Developments
13.2 Discussion Guide

List of Tables

Table 1 Telecom Service Assurance Market Size and Growth Rate, 2014–2021 (USD Million, Yoy %)
Table 2 Market Size, By Solution, 2014–2021 (USD Million)
Table 3 Market Size, By Software, 2014–2021 (USD Million)
Table 4 Probe Monitoring: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 5 Fault and Event Management: Market Size, By Region, 2014–2021 (USD Million)
Table 6 Quality and Service Management: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 7 Network Performance Monitoring: Market Size, By Region, 2014–2021 (USD Million)
Table 8 Workforce Management: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 9 Market Size, By Service, 2014–2021 (USD Million)
Table 10 Professional Services: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 11 Professional Services: Market Size, By Type, 2014–2021 (USD Million)
Table 12 Planning and Consulting Services: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 13 Operation and Maintenance Services: Market Size, By Region, 2014–2021 (USD Million)
Table 14 System Integration Services: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 15 Managed Services: Market Size, By Region, 2014–2021 (USD Million)
Table 16 Telecom Service Assurance Market Size, By Organization Size, 2014–2021 (USD Million)
Table 17 Large Enterprises: Market Size, By Region, 2014–2021 (USD Million)
Table 18 Small and Medium Enterprises: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 19 Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 20 On-Premises: Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 21 Cloud: Market Size, By Region, 2014–2021 (USD Million)
Table 22 Telecom Service Assurance Market Size, By Region, 2014–2021 (USD Million)
Table 23 North America: Market Size, By Solution, 2014–2021 (USD Million)
Table 24 North America: Market Size, By Software, 2014–2021 (USD Million)
Table 25 North America: Market Size, By Service, 2014–2021 (USD Million)
Table 26 North America: Market Size, By Professional Service, 2014–2021 (USD Million)
Table 27 North America: Market Size, By Organization Size, 2014–2021 (USD Million)
Table 28 North America: Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 29 North America: Market Size, By Country, 2014–2021 (USD Million)
Table 30 United States: Telecom Service Assurance Market Size, By Solution, 2014–2021 (USD Million)
Table 31 United States: Market Size, By Software, 2014–2021 (USD Million)
Table 32 United States: Market Size, By Service, 2014–2021 (USD Million)
Table 33 United States: Market Size, By Professional Service, 2014–2021 (USD Million)
Table 34 United States: Market Size, By Organization Size, 2014–2021 (USD Million)
Table 35 United States: Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 36 Canada: Telecom Service Assurance Market Size, By Solution, 2014–2021 (USD Million)
Table 37 Canada: Market Size, By Software, 2014–2021 (USD Million)
Table 38 Canada: Market Size, By Service, 2014–2021 (USD Million)
Table 39 Canada: Market Size, By Professional Service, 2014–2021 (USD Million)
Table 40 Canada: Market Size, By Organization Size, 2014–2021 (USD Million)
Table 41 Canada: Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 42 Europe: Market Size, By Solution, 2014–2021 (USD Million)
Table 43 Europe: Market Size, By Software, 2014–2021 (USD Million)
Table 44 Europe: Market Size, By Service, 2014–2021 (USD Million)
Table 45 Europe: Market Size, By Professional Service, 2014–2021 (USD Million)
Table 46 Europe: Market Size, By Organization Size, 2014–2021 (USD Million)
Table 47 Europe: Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 48 Asia-Pacific: Telecom Service Assurance Market Size, By Solution, 2014–2021 (USD Million)
Table 49 Asia-Pacific: Market Size, By Software, 2014–2021 (USD Million)
Table 50 Asia-Pacific: Market Size, By Service, 2014–2021 (USD Million)
Table 51 Asia-Pacific: Market Size, By Professional Service, 2014–2021 (USD Million)
Table 52 Asia-Pacific: Market Size, By Organization Size, 2014–2021 (USD Million)
Table 53 Asia-Pacific: Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 54 Middle East and Africa: Telecom Service Assurance Market Size, By Solution, 2014–2021 (USD Million)
Table 55 Middle East and Africa: Market Size, By Software, 2014–2021 (USD Million)
Table 56 Middle East and Africa: Market Size, By Service, 2014–2021 (USD Million)
Table 57 Middle East and Africa: Market Size, By Professional Service, 2014–2021 (USD Million)
Table 58 Middle East and Africa: Market Size, By Organization Size, 2014–2021 (USD Million)
Table 59 Middle East and Africa: Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 60 Latin America: Telecom Service Assurance Market Size, By Solution 2014–2021 (USD Million)
Table 61 Latin America: Market Size, By Software, 2014–2021 (USD Million)
Table 62 Latin America: Market Size, By Service, 2014–2021 (USD Million)
Table 63 Latin America: Market Size, By Professional Service, 2014–2021 (USD Million)
Table 64 Latin America: Market Size, By Organization Size, 2014–2021 (USD Million)
Table 65 Latin America: Market Size, By Deployment Type, 2014–2021 (USD Million)
Table 66 Partnerships, Agreements, Contracts, and Collaborations, 2016
Table 67 New Product Launches, 2016–2017
Table 68 Mergers and Acquisitions, 2013–2017

List of Figures

Figure 1 Global Telecom Service Assurance Market: Market Segmentation
Figure 2 Global Telecom Service Assurance Market: Research Design
Figure 3 Breakdown of Primary Interviews: By Company, Designation, and Region
Figure 4 Market Size Estimation Methodology: Bottom-Up Approach
Figure 5 Market Size Estimation Methodology: Top-Down Approach
Figure 6 Data Triangulation
Figure 7 Global Telecom Service Assurance Market: Assumptions
Figure 8 Telecom Service Assurance Market, By Solution (2016 vs 2021)
Figure 9 Market, By Organization Size During the Forecast Period
Figure 10 North America is Estimated to Hold the Largest Market Share in 2016
Figure 11 Top Three Revenue Segments for the Telecom Service Assurance Market, 2016–2021
Figure 12 Ability to Measure the Performance of A Service and Quality of Service is A Major Driving Factor for Growth of the Telecom Service Assurance Market (2016–2021)
Figure 13 Probe Monitoring Software and North America to Have the Largest Market Share in 2016
Figure 14 Regional Lifecycle Analysis: Asia-Pacific to Enter the Growth Phase During the Forecast Period
Figure 15 Market Investment Scenario: Asia-Pacific Would Emerge as the Best Market for Investments in the Next Five Years
Figure 16 System Integration Service is Estimated to Have the Largest Market Size in 2016
Figure 17 Telecom Service Assurance Market Segmentation: By Solution
Figure 18 Market Segmentation By Software
Figure 19 Market Segmentation By Service
Figure 20 Market Segmentation By Organization Size
Figure 21 Market Segmentation By Deployment Type
Figure 22 Market Segmentation By Region
Figure 23 Market: Drivers, Restraints, Opportunities, and Challenges
Figure 24 Market: Value Chain Analysis
Figure 25 Telecom Service Assurance Ecosystem
Figure 26 Strategic Benchmarking: Companies Adopted Partnerships, Acquisitions, and New Product Launches to Gain Competitive Advantage in the Market
Figure 27 Services Segment is Expected to Grow at A Higher CAGR During the Forecast Period
Figure 28 Network Performance Monitoring Segment is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 29 Professional Services Segment is Expected to Hold A Larger Market Size During the Forecast Period
Figure 30 Small and Medium Enterprises Segment is Expected to Grow at A Higher CAGR During the Forecast Period
Figure 31 Cloud Deployment Type is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 32 Asia-Pacific is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 33 Regional Snapshot: Asia-Pacific is the Emerging Region in the Telecom Service Assurance Market
Figure 34 North America: Market Snapshot
Figure 35 Asia-Pacific: Market Snapshot
Figure 36 Companies Adopted New Product Launches as the Key Growth Strategy
Figure 37 Business Offering Comparison
Figure 38 Business Strategy Comparison
Figure 39 Market Evaluation Framework
Figure 40 Battle for Market Share: Partnerships, Agreements, Contracts, and Collaborations Have Been the Key Strategy for Growth in the Telecom Service Assurance Market During 2014–2017
Figure 41 Geographic Revenue Mix of Top Market Players
Figure 42 CA Technologies: Company Snapshot
Figure 43 CA Technologies: SWOT Analysis
Figure 44 Ericsson: Company Snapshot
Figure 45 Ericsson: SWOT Analysis
Figure 46 Hewlett Packard Enterprise Company: Company Snapshot
Figure 47 Hewlett Packard Enterprise Company: SWOT Analysis
Figure 48 NEC Corporation: Company Snapshot
Figure 49 NEC Corporation: SWOT Analysis
Figure 50 Nokia Corporation: Company Snapshot
Figure 51 Nokia Corporation: SWOT Analysis
Figure 52 Accenture: Company Snapshot
Figure 53 Amdocs Inc.: Company Snapshot
Figure 54 Comarch S.A.: Company Snapshot
Figure 55 Huawei Technologies Co., Ltd.: Company Snapshot
Figure 56 International Business Machine Corporation: Company Snapshot
Figure 57 Netscout Systems, Inc.: Company Snapshot
Figure 58 Oracle Corporation: Company Snapshot
Figure 59 Spirent Communications PLC: Company Snapshot
Figure 60 Tata Consultancy Services Limited: Company Snapshot
Figure 61 Viavi Solutions Inc.: Company Snapshot
Figure 62 ZTE Corporation: Company Snapshot

Ordering:
Order Online - http://www.researchandmarkets.com/reports/4090110/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Automotive Axle &amp; Propeller Shaft Market by Position (Front, Rear, and Inter-Axle Propeller Shaft), Axle Type (Live, Dead, and Tandem Axle), Propeller Shaft Type (Single, and Multi Piece), Material (Alloy, and Carbon Fiber) - Global Forecast to 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/4090110/">http://www.researchandmarkets.com/reports/4090110/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SC</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Single User</td>
<td>USD 5650</td>
</tr>
<tr>
<td>1 - 5 Users</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Site License</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Enterprisewide</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World