

Product Design And Development Services Market Size, Share & Trends Analysis Report By Service (Research, Strategy, Concept Generation, Concept & Requirements Development), By Application, By End Use, And Segment Forecasts, 2022 - 2030

<https://marketpublishers.com/r/PE114929AE3DEN.html>

Date: April 2022

Pages: 170

Price: US\$ 5,950.00 (Single User License)

ID: PE114929AE3DEN

Abstracts

This report can be delivered to the clients within 72 Business Hours

Product Design And Development Services Market Growth & Trends

The global product design and development services market is expected to reach USD 24.1 billion by 2030, registering a CAGR of 12.5%, according to a new report by Grand View Research, Inc. The major drivers of this market are increasing demand for advanced technology, decreasing product costs, and decreasing time to design and manufacture a product. Life science and medical device companies face great pressure for cost and to develop innovative products in a short time frame as they have to comply with stringent regulatory requirements for medical devices.

The manufacturers face more hurdles in getting cost-effective high-quality products to market faster along with some internal factors, such as design and production. Hence, medical device companies adopt a design-to-manufacturing approach where design, engineering, as well as production teams work in collaboration to develop the product model. This approach enhances both product quality and profitability by decreasing errors in development and designing thereby increasing success rates.

Outsourcing design engineering is anticipated to witness healthy growth in the forecast period as an increased number of manufacturers-from start-up ventures to established companies-capitalize on the benefits related to outsourcing design engineerings such

as improved product design and cost-effectiveness to attain a competitive edge. Furthermore, with the incorporation of IT into the healthcare industry, analysis of 3D models and software, for which the third parties are well trained are expected to promote growth.

COVID-19 has added complexity and challenge to medical device innovation. The product development firms are facing major challenges, such as how to continue with business operations while evading the effects of the crisis. Product development during the pandemic continues to show optimal scope. However, companies have started several strategic initiatives to combat this and shape their business. For instance, in April 2020, FLEX partnered with PHILIPS and JABIL INC for the manufacturing of hospital ventilators for the treatment of COVID-19 patients.

Product Design And Development Services Market Report Highlights

Research, strategy, and concept generation dominated the market with a share of 39.9% in 2021, as a considerable amount of research and business and design strategy are essential to generate maximum revenue.

The surgical instruments segment held a major market share of 27.9% in 2021, due to the detail designing require for making them suitable for direct contact with the human body.

The medical device companies are projected to exhibit the fastest growth of 13.0% over the forecast period. This can be due to the increasing demand for advanced and quality medical products.

Contents

CHAPTER 1. REPORT SCOPE

- 1.1 Introduction
- 1.2 Segment Scope
- 1.3 Service Scope
- 1.4 Application Scope
- 1.5 End-use Scope
- 1.6 Regional Scope
- 1.7 Estimates and Forecast Timeline

CHAPTER 2. RESEARCH METHODOLOGY

- 2.1. Information procurement
 - 2.1.2 Purchased database:
 - 2.1.3 GVR's Internal Database
 - 2.1.4 Secondary sources:
 - 2.1.5 Primary Research:
- 2.2 List of Primary Sources
- 2.3 Information or Data Analysis
- 2.4 Market Formulation & Validation
- 2.5 Region-wise Market Calculation
 - 2.5.1 Region-Wise Market: Base Estimates
 - 2.5.2 Global Market: CAGR Calculation
 - 2.5.3 Region Based Segment Share Calculation
- 2.6 Model Details
 - 2.6.1 Company share analysis (Model 1)
 - 2.6.2 Volume price analysis (model 2)
- 2.7 List of Abbreviations
- 2.8 Objectives
 - 2.8.1 Objective -
 - 2.8.2 Objective -
 - 2.8.3 Objective -
 - 2.8.4 Objective -

CHAPTER 3. EXECUTIVE SUMMARY

- 3.1 Market Outlook

3.2 Competitive Insights

CHAPTER 4. MARKET VARIABLES, TRENDS & SCOPE

4.1 Market Lineage Outlook

4.1.1 Parent market outlook

4.1.1.1 Healthcare contract research organization market:

4.1.1.2 Medical device outsourcing market:

4.1.2 Related/ancillary market outlook

4.1.2.1 Pharmaceutical outsourcing market:

4.1.2.2 Healthcare contract manufacturing market:

4.1.2.3 Healthcare IT outsourcing market:

4.1.2.4 Regulatory affairs outsourcing market:

4.2 Market Segmentation

4.3 Regulatory Framework

4.3.1 Standards

4.3.1.1 U.S.

4.3.1.1 Canada

4.3.2 Compliances

4.4 Market Variable Analysis

4.4.1 Market driver analysis

4.4.1.1 Increasing complexity with respect to product design and engineering

4.4.1.2 Increasing Trend of Smaller And Portable Products

4.4.1.3 Care moving from hospital to home

4.4.1.4 Increasing Demand For Health Data Tracking

4.4.1.4 Increasing Funding For medical devices

4.4.1.5 Increasing device recalls

4.4.1.6 Increasing Incorporation of Electronics In Medical Devices Especially Implants

4.4.2 Market restraint analysis

4.4.2.1 Lack of Funding

4.4.2.2 Threat of information loss to OEMs

4.4.2.3 Resistance, reluctance, and rejection

4.4.3 Industry challenges

4.5 Penetration & Growth Prospect Mapping

4.6 Business Environment Analysis tools

4.6.1 SWOT Analysis, by PEST

4.6.1.1 Political & legal Landscape

4.6.1.1.1 Strength

4.6.1.1.2 Weakness

- 4.6.1.1.3 Opportunity
- 4.6.1.1.4 Threat
- 4.6.1.2 Economical Landscape
 - 4.6.1.2.1 Strength
 - 4.6.1.2.2 Weakness
 - 4.6.1.2.3 Opportunity
 - 4.6.1.2.4 Threat
- 4.6.1.3 Technology Landscape
 - 4.6.1.3.1 Strength
 - 4.6.1.3.2 Weakness
 - 4.6.1.3.3 Opportunity
 - 4.6.1.3.4 Threat
- 4.6.2 Porter's five forces analysis
 - 4.6.2.1 Bargaining Power of Supplier: Low to Moderate
 - 4.6.2.2 Bargaining Power of Buyer: High
 - 4.6.2.3 Threat of Substitution: Low
 - 4.6.2.4 Threat of new entrants: High
 - 4.6.2.5 Competitive rivalry: High
- 4.6.3 Major Deals & Strategic Alliances Analysis
- 4.6.4 Case Study
- 4.6.5 COVID-19 Impact Analysis

CHAPTER 5. PRODUCT DESIGN AND DEVELOPMENT SERVICES MARKET: SERVICES SEGMENT ANALYSIS

- 5.1 Definition and Scope
- 5.2 Product Design and Development Services Market: Services Movement Analysis
- 5.3 Research, Strategy, & Concept Generation
 - 5.3.1 Research, Strategy, & Concept Generation market, 2018 - 2030 (USD Billion)
- 5.4 Concept & Requirements Development
 - 5.4.1 Concept & Requirements Development market, 2018 - 2030 (USD Billion)
- 5.5 Detailed Design & Process Development
 - 5.5.1 Detailed Design & Process Development market, 2018 - 2030 (USD Billion)
- 5.6 Design Verification and Validation
 - 5.6.1 Design Verification and Validation market, 2018 - 2030 (USD Billion)
- 5.7 Process Validation and Manufacturing Transfer
 - 5.7.1 Process Validation and Manufacturing Transfer market, 2018 - 2030 (USD Billion)
- 5.8 Production & Commercial Support

5.8.1 Production & Commercial Support market, 2016-2028 (USD BILLION)

CHAPTER 6. PRODUCT DESIGN AND DEVELOPMENT SERVICES MARKET: APPLICATION SEGMENT ANALYSIS

6.1 Definition and Scope

6.2 Product Design and Development Services: Market Share Analysis, 2021 & 2030

6.3 Diagnostic Devices

6.3.1 Diagnostic devices market, 2018 - 2030 (USD Billion)

6.4 Therapeutic Devices

6.4.1 Therapeutic devices market, 2018 - 2030 (USD Billion)

6.5 Clinical Laboratory Equipment

6.5.1 Clinical Laboratory Equipment's market, 2018 - 2030 (USD Billion)

6.6 Surgical Instruments

6.6.1 Surgical Instruments market, 2018 - 2030 (USD Billion)

6.7 Biological Storage

6.7.1 Biological Storage market, 2018 - 2030 (USD Billion)

6.8 Consumables and Accessories

6.8.1 Consumables and accessories market, 2018 - 2030 (USD Billion)

6.9 Others

6.9.1 Others market, 2018 - 2030 (USD Billion)

CHAPTER 7. PRODUCT DESIGN AND DEVELOPMENT SERVICES MARKET: END-USE SEGMENT ANALYSIS

7.1 Definition and Scope:

7.2 Product Design and Development Services: Market Share Analysis, 2021 & 2030

7.3 Medical Device Companies

7.3.1 Medical Device Companies market, 2018 - 2030 (USD Billion)

7.4 Pharmaceutical Companies

7.4.1 Pharmaceutical Companies market, 2018 - 2030 (USD Billion)

7.5 Biotechnology Companies

7.5.1 Biotechnology Companies market, 2018 - 2030 (USD Billion)

7.6 Contract Research Organizations

7.6.1 Contract Research Organizations market, 2018 - 2030 (USD Billion)

CHAPTER 8. REGIONAL ESTIMATES AND TREND ANALYSIS

8.1 Regional Market Snapshot

8.2 Product Design and Development Services Market Share by Region, 2020 & 2030

8.3 North America

8.3.1 North America product design and development services market estimates and forecasts, 2018 - 2030 (USD Billion)

8.3.2 U.S.

8.3.2.1 U.S. product design and development services market, 2018 - 2030 (USD Billion)

8.3.3 Canada

8.3.3.1 Canada product design and development services market, 2018 - 2030 (USD Billion)

8.4 Europe

8.4.1 Europe product design and development services market, 2018 - 2030 (USD Billion)

8.4.2 U.K.

8.4.2.1 U.K. product design and development services market, 2018 - 2030 (USD Billion)

8.4.3 Germany

8.4.3.1 Germany product design and development services market, 2018 - 2030 (USD Billion)

8.4.4 France

8.4.4.1 France product design and development services market, 2018 - 2030 (USD Billion)

8.4.5 Italy

8.4.5.1 Italy product design and development services market, 2018 - 2030 (USD Billion)

8.4.6 Spain

8.4.6.1 Spain product design and development services market, 2018 - 2030 (USD Billion)

8.5 Asia Pacific

8.5.1 Asia Pacific product design and development services market, 2018 - 2030 (USD Billion)

8.5.2 Japan

8.5.2.1 Japan product design and development services market, 2018 - 2030 (USD Billion)

8.5.3 China

8.5.3.1 China product design and development services market, 2018 - 2030 (USD Billion)

8.5.4 India

8.5.4.1 India product design and development services market, 2018 - 2030 (USD Billion)

Billion)

8.6 Latin America

8.6.1 Latin America product design and development services market, 2018 - 2030
(USD Billion)

8.6.2 Brazil

8.6.2.1 Brazil product design and development services market, 2018 - 2030 (USD
Billion)

8.6.3 Mexico

8.6.3.1 Mexico product design and development services market, 2018 - 2030 (USD
Billion)

8.7 MEA

8.7.1 MEA product design and development services market, 2018 - 2030 (USD
Billion)

8.7.2 South Africa

8.7.2.1 South Africa product design and development services market, 2018 - 2030
(USD Billion)

8.7.3 Saudi Arabia

8.7.3.1 Saudi Arabia product design and development services market, 2018 - 2030
(USD Billion)

CHAPTER 9. COMPETITIVE ANALYSIS

9.1 Company Profiles

9.1.1 Ximedica

9.1.1.1 Company Overview

9.1.1.2 Service Benchmarking

9.1.1.3 Recent Developments

9.1.2 DeviceLab, Inc.

9.1.2.1 Company Overview

9.1.2.2 Service Benchmarking

9.1.3 Jabil Inc.

9.1.3.1 Company Overview

9.1.3.2 Financial Performance

9.1.3.3 Service Benchmarking

9.1.3.4 Recent Developments

9.1.4 Flex Ltd.

9.1.4.1 Company Overview

9.1.4.2 Financial Performance

9.1.4.3 Service Benchmarking

- 9.1.4.4 Recent Developments
- 9.1.5 Plexus Corp
 - 9.1.5.1 Company Overview
 - 9.1.5.2 Financial Performance
 - 9.1.5.3 Service Benchmarking
 - 9.1.5.4 Recent Developments
- 9.1.6 Celestica Inc.
 - 9.1.6.1 Company overview
 - 9.1.6.2 Financial Performance
 - 9.1.6.3 Service Benchmarking
 - 9.1.6.4 Recent Developments
- 9.1.7 StarFish Medical
 - 9.1.7.1 Company overview
 - 9.1.7.2 SERVICE BENCHMARKING
- 9.1.8 NORDSON MEDICAL
 - 9.1.8.1 Company overview
 - 9.1.8.2 Financial performance
 - 9.1.8.3 Service benchmarking
 - 9.1.8.4 Recent Developments
- 9.1.9 PLANET INNOVATION
 - 9.1.9.1 Company overview
 - 9.1.9.2 Service benchmarking
- 9.1.10 Donatelle
 - 9.1.10.1 Company overview
 - 9.1.10.2 Service benchmarking
- 9.1.11 CAMBRIDGE DESIGN PARTNERSHIP
 - 9.1.11.1 Company overview
 - 9.1.11.2 Service benchmarking
- 9.1.12 ARAN BIOMEDICAL
 - 9.1.12.1 Company overview
 - 9.1.12.2 Service benchmarking

List Of Tables

LIST OF TABLES

Table 1 List of abbreviation

Table 2 List of secondary sources

Table 3 Global product design and development services market, by region, 2018 - 2030 (USD Billion)

Table 4 Global product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 5 Global product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 6 North America product design and development services market, by country, 2018 - 2030 (USD Billion)

Table 7 North America product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 8 North America product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 9 North America product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 10 U.S. product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 11 U.S. product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 12 U.S. product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 13 Canada product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 14 Canada product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 15 Canada product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 16 Europe product design and development services market, by country, 2018 - 2030 (USD Billion)

Table 17 Europe product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 18 Europe product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 19 Europe product design and development services market, by end-use, 2018 -

2030 (USD Billion)

Table 20 U.K. product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 21 U.K. product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 22 U.K. product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 23 Germany product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 24 Germany product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 25 Germany product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 26 France product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 27 France product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 28 France product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 29 Italy product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 30 Italy product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 31 Italy product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 32 Spain product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 33 Spain product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 34 Spain product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 35 Asia Pacific product design and development services market, by country, 2018 - 2030 (USD Billion)

Table 36 Asia Pacific product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 37 Asia Pacific product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 38 Asia Pacific product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 39 India product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 40 India product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 41 India product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 42 Japan product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 43 Japan product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 44 Japan product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 45 China product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 46 China product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 47 China product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 48 Latin America product design and development services market, by country, 2018 - 2030 (USD Billion)

Table 49 Latin America product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 50 Latin America product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 51 Latin America product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 52 Brazil product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 53 Brazil product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 54 Brazil product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 55 Mexico product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 56 Mexico product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 57 Mexico product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 58 MEA product design and development services market, by country, 2018 -

2030 (USD Billion)

Table 59 MEA product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 60 MEA product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 61 MEA product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 62 South Africa product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 63 South Africa product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 64 South Africa product design and development services market, by end-use, 2018 - 2030 (USD Billion)

Table 65 Saudi Arabia product design and development services market, by services, 2018 - 2030 (USD Billion)

Table 66 Saudi Arabia product design and development services market, by application, 2018 - 2030 (USD Billion)

Table 67 Saudi Arabia product design and development services market, by end-use, 2018 - 2030 (USD Billion)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Information procurement
- Fig. 3 Primary research pattern
- Fig. 4 Market research approaches
- Fig. 5 Value-chain-based sizing & forecasting
- Fig. 6 QFD modeling for market share assessment
- Fig. 7 Market formulation & validation
- Fig. 8 Commodity Flow Analysis
- Fig. 9 Volume Price Analysis
- Fig. 10 Product design and development services market snapshot (2021)
- Fig. 11 Market trends and outlook
- Fig. 12 Product design and development services market segmentation
- Fig. 13 Market driver relevance analysis (Current & future impact)
- Fig. 14 Market restraint relevance analysis (Current & future impact)
- Fig. 15 Penetration & growth prospect mapping
- Fig. 16 Porter's five forces analysis
- Fig. 17 SWOT analysis, by factor (political & legal, economic and technological)
- Fig. 18 Product design and development services market services outlook: Segment dashboard
- Fig. 19 Product design and development services market: Services movement analysis
- Fig. 20 Research, strategy, & concept generation market, 2018 - 2030 (USD Billion)
- Fig. 21 Concept & requirements development market, 2018 - 2030 (USD Billion)
- Fig. 22 Detailed design & process development market, 2018 - 2030 (USD Billion)
- Fig. 23 Design verification market, 2018 - 2030 (USD Billion)
- Fig. 24 Process validation, manufacturing transfer & design validation market, 2018 - 2030 (USD Billion)
- Fig. 25 Production & commercial support market, 2018 - 2030 (USD Billion)
- Fig. 26 Product design and development services market application outlook: Segment dashboard
- Fig. 27 Product design and development services market: Application movement analysis
- Fig. 28 Diagnostic devices market, 2018 - 2030 (USD Billion)
- Fig. 29 Therapeutic devices market, 2018 - 2030 (USD Billion)
- Fig. 30 Clinical laboratory equipment market, 2018 - 2030 (USD Billion)
- Fig. 31 Surgical instruments market, 2018 - 2030 (USD Billion)

Fig. 32 Biological storage market, 2018 - 2030 (USD Billion)

Fig. 33 Consumables and accessories market, 2018 - 2030 (USD Billion)

Fig. 34 Others market, 2018 - 2030 (USD Billion)

Fig. 35 Product design and development services market end-use outlook: Segment dashboard

Fig. 36 Product design and development services market: end-use movement analysis

Fig. 37 Medical device companies market, 2018 - 2030 (USD Billion)

Fig. 38 Pharmaceutical companies market, 2018 - 2030 (USD Billion)

Fig. 39 Biotechnology companies market, 2018 - 2030 (USD Billion)

Fig. 40 Contract research organizations market, 2018 - 2030 (USD Billion)

Fig. 41 Regional market: Key takeaways

Fig. 42 Regional outlook, 2021 & 2030

I would like to order

Product name: Product Design And Development Services Market Size, Share & Trends Analysis Report By Service (Research, Strategy, Concept Generation, Concept & Requirements Development), By Application, By End Use, And Segment Forecasts, 2022 - 2030

Product link: <https://marketpublishers.com/r/PE114929AE3DEN.html>

Price: US\$ 5,950.00 (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/PE114929AE3DEN.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