

Global CFD Market Size, Status and Forecast 2020-2026

<https://marketpublishers.com/r/GFA0C5DEADFBEN.html>

Date: May 2020

Pages: 97

Price: US\$ 3,900.00 (Single User License)

ID: GFA0C5DEADFBEN

Abstracts

This report focuses on the global CFD status, future forecast, growth opportunity, key market and key players. The study objectives are to present the CFD development in North America, Europe, China, Japan, Southeast Asia, India and Central & South America.

The key players covered in this study

Ansys

CD Adapco Group

Mentor Graphics

AspenTech

Bentley Systems

Autodesk

COMSOL

Dassault Syst?mes

ESI Group

EXA

Flow Science

Numeca International

Market segment by Type, the product can be split into

Gases

Liquids

Market segment by Application, split into

Automotive

Aerospace and Defense

Electrical and Electronics

Energy

Market segment by Regions/Countries, this report covers

North America

Europe

China

Japan

Southeast Asia

India

Central & South America

The study objectives of this report are:

To analyze global CFD status, future forecast, growth opportunity, key market and key players.

To present the CFD development in North America, Europe, China, Japan, Southeast Asia, India and Central & South America.

To strategically profile the key players and comprehensively analyze their development plan and strategies.

To define, describe and forecast the market by type, market and key regions.

In this study, the years considered to estimate the market size of CFD are as follows:

History Year: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Year 2020 to 2026

For the data information by region, company, type and application, 2019 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Contents

1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Players Covered: Ranking by CFD Revenue
- 1.4 Market Analysis by Type
 - 1.4.1 Global CFD Market Size Growth Rate by Type: 2020 VS 2026
 - 1.4.2 Gases
 - 1.4.3 Liquids
- 1.5 Market by Application
 - 1.5.1 Global CFD Market Share by Application: 2020 VS 2026
 - 1.5.2 Automotive
 - 1.5.3 Aerospace and Defense
 - 1.5.4 Electrical and Electronics
 - 1.5.5 Energy
- 1.6 Study Objectives
- 1.7 Years Considered

2 GLOBAL GROWTH TRENDS BY REGIONS

- 2.1 CFD Market Perspective (2015-2026)
- 2.2 CFD Growth Trends by Regions
 - 2.2.1 CFD Market Size by Regions: 2015 VS 2020 VS 2026
 - 2.2.2 CFD Historic Market Share by Regions (2015-2020)
 - 2.2.3 CFD Forecasted Market Size by Regions (2021-2026)
- 2.3 Industry Trends and Growth Strategy
 - 2.3.1 Market Top Trends
 - 2.3.2 Market Drivers
 - 2.3.3 Market Challenges
 - 2.3.4 Porter's Five Forces Analysis
 - 2.3.5 CFD Market Growth Strategy
 - 2.3.6 Primary Interviews with Key CFD Players (Opinion Leaders)

3 COMPETITION LANDSCAPE BY KEY PLAYERS

- 3.1 Global Top CFD Players by Market Size
 - 3.1.1 Global Top CFD Players by Revenue (2015-2020)

- 3.1.2 Global CFD Revenue Market Share by Players (2015-2020)
- 3.1.3 Global CFD Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
- 3.2 Global CFD Market Concentration Ratio
 - 3.2.1 Global CFD Market Concentration Ratio (CR5 and HHI)
 - 3.2.2 Global Top 10 and Top 5 Companies by CFD Revenue in 2019
- 3.3 CFD Key Players Head office and Area Served
- 3.4 Key Players CFD Product Solution and Service
- 3.5 Date of Enter into CFD Market
- 3.6 Mergers & Acquisitions, Expansion Plans

4 BREAKDOWN DATA BY TYPE (2015-2026)

- 4.1 Global CFD Historic Market Size by Type (2015-2020)
- 4.2 Global CFD Forecasted Market Size by Type (2021-2026)

5 CFD BREAKDOWN DATA BY APPLICATION (2015-2026)

- 5.1 Global CFD Market Size by Application (2015-2020)
- 5.2 Global CFD Forecasted Market Size by Application (2021-2026)

6 NORTH AMERICA

- 6.1 North America CFD Market Size (2015-2020)
- 6.2 CFD Key Players in North America (2019-2020)
- 6.3 North America CFD Market Size by Type (2015-2020)
- 6.4 North America CFD Market Size by Application (2015-2020)

7 EUROPE

- 7.1 Europe CFD Market Size (2015-2020)
- 7.2 CFD Key Players in Europe (2019-2020)
- 7.3 Europe CFD Market Size by Type (2015-2020)
- 7.4 Europe CFD Market Size by Application (2015-2020)

8 CHINA

- 8.1 China CFD Market Size (2015-2020)
- 8.2 CFD Key Players in China (2019-2020)
- 8.3 China CFD Market Size by Type (2015-2020)

8.4 China CFD Market Size by Application (2015-2020)

9 JAPAN

9.1 Japan CFD Market Size (2015-2020)

9.2 CFD Key Players in Japan (2019-2020)

9.3 Japan CFD Market Size by Type (2015-2020)

9.4 Japan CFD Market Size by Application (2015-2020)

10 SOUTHEAST ASIA

10.1 Southeast Asia CFD Market Size (2015-2020)

10.2 CFD Key Players in Southeast Asia (2019-2020)

10.3 Southeast Asia CFD Market Size by Type (2015-2020)

10.4 Southeast Asia CFD Market Size by Application (2015-2020)

11 INDIA

11.1 India CFD Market Size (2015-2020)

11.2 CFD Key Players in India (2019-2020)

11.3 India CFD Market Size by Type (2015-2020)

11.4 India CFD Market Size by Application (2015-2020)

12 CENTRAL & SOUTH AMERICA

12.1 Central & South America CFD Market Size (2015-2020)

12.2 CFD Key Players in Central & South America (2019-2020)

12.3 Central & South America CFD Market Size by Type (2015-2020)

12.4 Central & South America CFD Market Size by Application (2015-2020)

13 KEY PLAYERS PROFILES

13.1 Ansys

13.1.1 Ansys Company Details

13.1.2 Ansys Business Overview and Its Total Revenue

13.1.3 Ansys CFD Introduction

13.1.4 Ansys Revenue in CFD Business (2015-2020))

13.1.5 Ansys Recent Development

13.2 CD Adapco Group

- 13.2.1 CD Adapco Group Company Details
- 13.2.2 CD Adapco Group Business Overview and Its Total Revenue
- 13.2.3 CD Adapco Group CFD Introduction
- 13.2.4 CD Adapco Group Revenue in CFD Business (2015-2020)
- 13.2.5 CD Adapco Group Recent Development
- 13.3 Mentor Graphics
 - 13.3.1 Mentor Graphics Company Details
 - 13.3.2 Mentor Graphics Business Overview and Its Total Revenue
 - 13.3.3 Mentor Graphics CFD Introduction
 - 13.3.4 Mentor Graphics Revenue in CFD Business (2015-2020)
 - 13.3.5 Mentor Graphics Recent Development
- 13.4 AspenTech
 - 13.4.1 AspenTech Company Details
 - 13.4.2 AspenTech Business Overview and Its Total Revenue
 - 13.4.3 AspenTech CFD Introduction
 - 13.4.4 AspenTech Revenue in CFD Business (2015-2020)
 - 13.4.5 AspenTech Recent Development
- 13.5 Bentley Systems
 - 13.5.1 Bentley Systems Company Details
 - 13.5.2 Bentley Systems Business Overview and Its Total Revenue
 - 13.5.3 Bentley Systems CFD Introduction
 - 13.5.4 Bentley Systems Revenue in CFD Business (2015-2020)
 - 13.5.5 Bentley Systems Recent Development
- 13.6 Autodesk
 - 13.6.1 Autodesk Company Details
 - 13.6.2 Autodesk Business Overview and Its Total Revenue
 - 13.6.3 Autodesk CFD Introduction
 - 13.6.4 Autodesk Revenue in CFD Business (2015-2020)
 - 13.6.5 Autodesk Recent Development
- 13.7 COMSOL
 - 13.7.1 COMSOL Company Details
 - 13.7.2 COMSOL Business Overview and Its Total Revenue
 - 13.7.3 COMSOL CFD Introduction
 - 13.7.4 COMSOL Revenue in CFD Business (2015-2020)
 - 13.7.5 COMSOL Recent Development
- 13.8 Dassault Syst?mes
 - 13.8.1 Dassault Syst?mes Company Details
 - 13.8.2 Dassault Syst?mes Business Overview and Its Total Revenue
 - 13.8.3 Dassault Syst?mes CFD Introduction

- 13.8.4 Dassault Syst?mes Revenue in CFD Business (2015-2020)
- 13.8.5 Dassault Syst?mes Recent Development
- 13.9 ESI Group
 - 13.9.1 ESI Group Company Details
 - 13.9.2 ESI Group Business Overview and Its Total Revenue
 - 13.9.3 ESI Group CFD Introduction
 - 13.9.4 ESI Group Revenue in CFD Business (2015-2020)
 - 13.9.5 ESI Group Recent Development
- 13.10 EXA
 - 13.10.1 EXA Company Details
 - 13.10.2 EXA Business Overview and Its Total Revenue
 - 13.10.3 EXA CFD Introduction
 - 13.10.4 EXA Revenue in CFD Business (2015-2020)
 - 13.10.5 EXA Recent Development
- 13.11 Flow Science
 - 10.11.1 Flow Science Company Details
 - 10.11.2 Flow Science Business Overview and Its Total Revenue
 - 10.11.3 Flow Science CFD Introduction
 - 10.11.4 Flow Science Revenue in CFD Business (2015-2020)
 - 10.11.5 Flow Science Recent Development
- 13.12 Numeca International
 - 10.12.1 Numeca International Company Details
 - 10.12.2 Numeca International Business Overview and Its Total Revenue
 - 10.12.3 Numeca International CFD Introduction
 - 10.12.4 Numeca International Revenue in CFD Business (2015-2020)
 - 10.12.5 Numeca International Recent Development

14 ANALYST'S VIEWPOINTS/CONCLUSIONS

15 APPENDIX

- 15.1 Research Methodology
 - 15.1.1 Methodology/Research Approach
 - 15.1.2 Data Source
- 15.2 Disclaimer
- 15.3 Author Details

List Of Tables

LIST OF TABLES

Table 1. CFD Key Market Segments

Table 2. Key Players Covered: Ranking by CFD Revenue

Table 3. Ranking of Global Top CFD Manufacturers by Revenue (US\$ Million) in 2019

Table 4. Global CFD Market Size Growth Rate by Type (US\$ Million): 2020 VS 2026

Table 5. Key Players of Gases

Table 6. Key Players of Liquids

Table 7. Global CFD Market Size Growth by Application (US\$ Million): 2020 VS 2026

Table 8. Global CFD Market Size by Regions (US\$ Million): 2020 VS 2026

Table 9. Global CFD Market Size by Regions (2015-2020) (US\$ Million)

Table 10. Global CFD Market Share by Regions (2015-2020)

Table 11. Global CFD Forecasted Market Size by Regions (2021-2026) (US\$ Million)

Table 12. Global CFD Market Share by Regions (2021-2026)

Table 13. Market Top Trends

Table 14. Key Drivers: Impact Analysis

Table 15. Key Challenges

Table 16. CFD Market Growth Strategy

Table 17. Main Points Interviewed from Key CFD Players

Table 18. Global CFD Revenue by Players (2015-2020) (Million US\$)

Table 19. Global CFD Market Share by Players (2015-2020)

Table 20. Global Top CFD Players by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in CFD as of 2019)

Table 21. Global CFD by Players Market Concentration Ratio (CR5 and HHI)

Table 22. Key Players Headquarters and Area Served

Table 23. Key Players CFD Product Solution and Service

Table 24. Date of Enter into CFD Market

Table 25. Mergers & Acquisitions, Expansion Plans

Table 26. Global CFD Market Size by Type (2015-2020) (Million US\$)

Table 27. Global CFD Market Size Share by Type (2015-2020)

Table 28. Global CFD Revenue Market Share by Type (2021-2026)

Table 29. Global CFD Market Size Share by Application (2015-2020)

Table 30. Global CFD Market Size by Application (2015-2020) (Million US\$)

Table 31. Global CFD Market Size Share by Application (2021-2026)

Table 32. North America Key Players CFD Revenue (2019-2020) (Million US\$)

Table 33. North America Key Players CFD Market Share (2019-2020)

Table 34. North America CFD Market Size by Type (2015-2020) (Million US\$)

- Table 35. North America CFD Market Share by Type (2015-2020)
- Table 36. North America CFD Market Size by Application (2015-2020) (Million US\$)
- Table 37. North America CFD Market Share by Application (2015-2020)
- Table 38. Europe Key Players CFD Revenue (2019-2020) (Million US\$)
- Table 39. Europe Key Players CFD Market Share (2019-2020)
- Table 40. Europe CFD Market Size by Type (2015-2020) (Million US\$)
- Table 41. Europe CFD Market Share by Type (2015-2020)
- Table 42. Europe CFD Market Size by Application (2015-2020) (Million US\$)
- Table 43. Europe CFD Market Share by Application (2015-2020)
- Table 44. China Key Players CFD Revenue (2019-2020) (Million US\$)
- Table 45. China Key Players CFD Market Share (2019-2020)
- Table 46. China CFD Market Size by Type (2015-2020) (Million US\$)
- Table 47. China CFD Market Share by Type (2015-2020)
- Table 48. China CFD Market Size by Application (2015-2020) (Million US\$)
- Table 49. China CFD Market Share by Application (2015-2020)
- Table 50. Japan Key Players CFD Revenue (2019-2020) (Million US\$)
- Table 51. Japan Key Players CFD Market Share (2019-2020)
- Table 52. Japan CFD Market Size by Type (2015-2020) (Million US\$)
- Table 53. Japan CFD Market Share by Type (2015-2020)
- Table 54. Japan CFD Market Size by Application (2015-2020) (Million US\$)
- Table 55. Japan CFD Market Share by Application (2015-2020)
- Table 56. Southeast Asia Key Players CFD Revenue (2019-2020) (Million US\$)
- Table 57. Southeast Asia Key Players CFD Market Share (2019-2020)
- Table 58. Southeast Asia CFD Market Size by Type (2015-2020) (Million US\$)
- Table 59. Southeast Asia CFD Market Share by Type (2015-2020)
- Table 60. Southeast Asia CFD Market Size by Application (2015-2020) (Million US\$)
- Table 61. Southeast Asia CFD Market Share by Application (2015-2020)
- Table 62. India Key Players CFD Revenue (2019-2020) (Million US\$)
- Table 63. India Key Players CFD Market Share (2019-2020)
- Table 64. India CFD Market Size by Type (2015-2020) (Million US\$)
- Table 65. India CFD Market Share by Type (2015-2020)
- Table 66. India CFD Market Size by Application (2015-2020) (Million US\$)
- Table 67. India CFD Market Share by Application (2015-2020)
- Table 68. Central & South America Key Players CFD Revenue (2019-2020) (Million US\$)
- Table 69. Central & South America Key Players CFD Market Share (2019-2020)
- Table 70. Central & South America CFD Market Size by Type (2015-2020) (Million US\$)
- Table 71. Central & South America CFD Market Share by Type (2015-2020)
- Table 72. Central & South America CFD Market Size by Application (2015-2020)

(Million US\$)

Table 73. Central & South America CFD Market Share by Application (2015-2020)

Table 74. Ansys Company Details

Table 75. Ansys Business Overview

Table 76. Ansys Product

Table 77. Ansys Revenue in CFD Business (2015-2020) (Million US\$)

Table 78. Ansys Recent Development

Table 79. CD Adapco Group Company Details

Table 80. CD Adapco Group Business Overview

Table 81. CD Adapco Group Product

Table 82. CD Adapco Group Revenue in CFD Business (2015-2020) (Million US\$)

Table 83. CD Adapco Group Recent Development

Table 84. Mentor Graphics Company Details

Table 85. Mentor Graphics Business Overview

Table 86. Mentor Graphics Product

Table 87. Mentor Graphics Revenue in CFD Business (2015-2020) (Million US\$)

Table 88. Mentor Graphics Recent Development

Table 89. AspenTech Company Details

Table 90. AspenTech Business Overview

Table 91. AspenTech Product

Table 92. AspenTech Revenue in CFD Business (2015-2020) (Million US\$)

Table 93. AspenTech Recent Development

Table 94. Bentley Systems Company Details

Table 95. Bentley Systems Business Overview

Table 96. Bentley Systems Product

Table 97. Bentley Systems Revenue in CFD Business (2015-2020) (Million US\$)

Table 98. Bentley Systems Recent Development

Table 99. Autodesk Company Details

Table 100. Autodesk Business Overview

Table 101. Autodesk Product

Table 102. Autodesk Revenue in CFD Business (2015-2020) (Million US\$)

Table 103. Autodesk Recent Development

Table 104. COMSOL Company Details

Table 105. COMSOL Business Overview

Table 106. COMSOL Product

Table 107. COMSOL Revenue in CFD Business (2015-2020) (Million US\$)

Table 108. COMSOL Recent Development

Table 109. Dassault Syst?mes Business Overview

Table 110. Dassault Syst?mes Product

Table 111. Dassault Syst?mes Company Details

Table 112. Dassault Syst?mes Revenue in CFD Business (2015-2020) (Million US\$)

Table 113. Dassault Syst?mes Recent Development

Table 114. ESI Group Company Details

Table 115. ESI Group Business Overview

Table 116. ESI Group Product

Table 117. ESI Group Revenue in CFD Business (2015-2020) (Million US\$)

Table 118. ESI Group Recent Development

Table 119. EXA Company Details

Table 120. EXA Business Overview

Table 121. EXA Product

Table 122. EXA Revenue in CFD Business (2015-2020) (Million US\$)

Table 123. EXA Recent Development

Table 124. Flow Science Company Details

Table 125. Flow Science Business Overview

Table 126. Flow Science Product

Table 127. Flow Science Revenue in CFD Business (2015-2020) (Million US\$)

Table 128. Flow Science Recent Development

Table 129. Numeca International Company Details

Table 130. Numeca International Business Overview

Table 131. Numeca International Product

Table 132. Numeca International Revenue in CFD Business (2015-2020) (Million US\$)

Table 133. Numeca International Recent Development

Table 134. Research Programs/Design for This Report

Table 135. Key Data Information from Secondary Sources

Table 136. Key Data Information from Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. Global CFD Market Share by Type: 2020 VS 2026
- Figure 2. Gases Features
- Figure 3. Liquids Features
- Figure 4. Global CFD Market Share by Application: 2020 VS 2026
- Figure 5. Automotive Case Studies
- Figure 6. Aerospace and Defense Case Studies
- Figure 7. Electrical and Electronics Case Studies
- Figure 8. Energy Case Studies
- Figure 9. CFD Report Years Considered
- Figure 10. Global CFD Market Size YoY Growth 2015-2026 (US\$ Million)
- Figure 11. Global CFD Market Share by Regions: 2020 VS 2026
- Figure 12. Global CFD Market Share by Regions (2021-2026)
- Figure 13. Porter's Five Forces Analysis
- Figure 14. Global CFD Market Share by Players in 2019
- Figure 15. Global Top CFD Players by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in CFD as of 2019)
- Figure 16. The Top 10 and 5 Players Market Share by CFD Revenue in 2019
- Figure 17. North America CFD Market Size YoY Growth (2015-2020) (Million US\$)
- Figure 18. Europe CFD Market Size YoY Growth (2015-2020) (Million US\$)
- Figure 19. China CFD Market Size YoY Growth (2015-2020) (Million US\$)
- Figure 20. Japan CFD Market Size YoY Growth (2015-2020) (Million US\$)
- Figure 21. Southeast Asia CFD Market Size YoY Growth (2015-2020) (Million US\$)
- Figure 22. India CFD Market Size YoY Growth (2015-2020) (Million US\$)
- Figure 23. Central & South America CFD Market Size YoY Growth (2015-2020) (Million US\$)
- Figure 24. Ansys Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 25. Ansys Revenue Growth Rate in CFD Business (2015-2020)
- Figure 26. CD Adapco Group Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 27. CD Adapco Group Revenue Growth Rate in CFD Business (2015-2020)
- Figure 28. Mentor Graphics Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 29. Mentor Graphics Revenue Growth Rate in CFD Business (2015-2020)
- Figure 30. AspenTech Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 31. AspenTech Revenue Growth Rate in CFD Business (2015-2020)
- Figure 32. Bentley Systems Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 33. Bentley Systems Revenue Growth Rate in CFD Business (2015-2020)

- Figure 34. Autodesk Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 35. Autodesk Revenue Growth Rate in CFD Business (2015-2020)
- Figure 36. COMSOL Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 37. COMSOL Revenue Growth Rate in CFD Business (2015-2020)
- Figure 38. Dassault Syst?mes Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 39. Dassault Syst?mes Revenue Growth Rate in CFD Business (2015-2020)
- Figure 40. ESI Group Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 41. ESI Group Revenue Growth Rate in CFD Business (2015-2020)
- Figure 42. EXA Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 43. EXA Revenue Growth Rate in CFD Business (2015-2020)
- Figure 44. Flow Science Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 45. Flow Science Revenue Growth Rate in CFD Business (2015-2020)
- Figure 46. Numeca International Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 47. Numeca International Revenue Growth Rate in CFD Business (2015-2020)
- Figure 48. Bottom-up and Top-down Approaches for This Report
- Figure 49. Data Triangulation
- Figure 50. Key Executives Interviewed

I would like to order

Product name: Global CFD Market Size, Status and Forecast 2020-2026

Product link: <https://marketpublishers.com/r/GFA0C5DEADFBEN.html>

Price: US\$ 3,900.00 (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/GFA0C5DEADFBEN.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