

# Electrical Digital Twin System Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/E84E11842274EN.html>

Date: April 2022

Pages: 63

Price: US\$ 3,250.00 (Single User License)

ID: E84E11842274EN

## Abstracts

This report contains market size and forecasts of Electrical Digital Twin System in Global, including the following market information:

Global Electrical Digital Twin System Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Electrical Digital Twin System market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Parts Twin Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Electrical Digital Twin System include General Electric, PTC, Siemens, Dassault Systemes, IBM Corporation, ANSYS, Microsoft Corporation and Oracle Corporation, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Electrical Digital Twin System companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Electrical Digital Twin System Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Electrical Digital Twin System Market Segment Percentages, by Type, 2021 (%)

Parts Twin

Product Twin

Process Twin

System Twin

Global Electrical Digital Twin System Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Electrical Digital Twin System Market Segment Percentages, by Application, 2021 (%)

Aerospace and Defense

Automotive and Transportation

Machine Manufacturing

Energy and Utilities

Others

Global Electrical Digital Twin System Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Electrical Digital Twin System Market Segment Percentages, By Region and Country, 2021 (%)

## North America

US

Canada

Mexico

## Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

## Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Electrical Digital Twin System revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Electrical Digital Twin System revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

General Electric

PTC

Siemens

Dassault Systemes

IBM Corporation

ANSYS

Microsoft Corporation

Oracle Corporation

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Electrical Digital Twin System Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Electrical Digital Twin System Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL ELECTRICAL DIGITAL TWIN SYSTEM OVERALL MARKET SIZE**

- 2.1 Global Electrical Digital Twin System Market Size: 2021 VS 2028
- 2.2 Global Electrical Digital Twin System Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
  - 2.3.1 Market Opportunities & Trends
  - 2.3.2 Market Drivers
  - 2.3.3 Market Restraints

### **3 COMPANY LANDSCAPE**

- 3.1 Top Electrical Digital Twin System Players in Global Market
- 3.2 Top Global Electrical Digital Twin System Companies Ranked by Revenue
- 3.3 Global Electrical Digital Twin System Revenue by Companies
- 3.4 Top 3 and Top 5 Electrical Digital Twin System Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies Electrical Digital Twin System Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Electrical Digital Twin System Players in Global Market
  - 3.6.1 List of Global Tier 1 Electrical Digital Twin System Companies
  - 3.6.2 List of Global Tier 2 and Tier 3 Electrical Digital Twin System Companies

### **4 MARKET SIGHTS BY PRODUCT**

## 4.1 Overview

4.1.1 by Type - Global Electrical Digital Twin System Market Size Markets, 2021 & 2028

4.1.2 Parts Twin

4.1.3 Product Twin

4.1.4 Process Twin

4.1.5 System Twin

## 4.2 By Type - Global Electrical Digital Twin System Revenue & Forecasts

4.2.1 By Type - Global Electrical Digital Twin System Revenue, 2017-2022

4.2.2 By Type - Global Electrical Digital Twin System Revenue, 2023-2028

4.2.3 By Type - Global Electrical Digital Twin System Revenue Market Share, 2017-2028

## 5 SIGHTS BY APPLICATION

### 5.1 Overview

5.1.1 By Application - Global Electrical Digital Twin System Market Size, 2021 & 2028

5.1.2 Aerospace and Defense

5.1.3 Automotive and Transportation

5.1.4 Machine Manufacturing

5.1.5 Energy and Utilities

5.1.6 Others

### 5.2 By Application - Global Electrical Digital Twin System Revenue & Forecasts

5.2.1 By Application - Global Electrical Digital Twin System Revenue, 2017-2022

5.2.2 By Application - Global Electrical Digital Twin System Revenue, 2023-2028

5.2.3 By Application - Global Electrical Digital Twin System Revenue Market Share, 2017-2028

## 6 SIGHTS BY REGION

6.1 By Region - Global Electrical Digital Twin System Market Size, 2021 & 2028

### 6.2 By Region - Global Electrical Digital Twin System Revenue & Forecasts

6.2.1 By Region - Global Electrical Digital Twin System Revenue, 2017-2022

6.2.2 By Region - Global Electrical Digital Twin System Revenue, 2023-2028

6.2.3 By Region - Global Electrical Digital Twin System Revenue Market Share, 2017-2028

### 6.3 North America

6.3.1 By Country - North America Electrical Digital Twin System Revenue, 2017-2028

6.3.2 US Electrical Digital Twin System Market Size, 2017-2028

6.3.3 Canada Electrical Digital Twin System Market Size, 2017-2028

6.3.4 Mexico Electrical Digital Twin System Market Size, 2017-2028

## 6.4 Europe

6.4.1 By Country - Europe Electrical Digital Twin System Revenue, 2017-2028

6.4.2 Germany Electrical Digital Twin System Market Size, 2017-2028

6.4.3 France Electrical Digital Twin System Market Size, 2017-2028

6.4.4 U.K. Electrical Digital Twin System Market Size, 2017-2028

6.4.5 Italy Electrical Digital Twin System Market Size, 2017-2028

6.4.6 Russia Electrical Digital Twin System Market Size, 2017-2028

6.4.7 Nordic Countries Electrical Digital Twin System Market Size, 2017-2028

6.4.8 Benelux Electrical Digital Twin System Market Size, 2017-2028

## 6.5 Asia

6.5.1 By Region - Asia Electrical Digital Twin System Revenue, 2017-2028

6.5.2 China Electrical Digital Twin System Market Size, 2017-2028

6.5.3 Japan Electrical Digital Twin System Market Size, 2017-2028

6.5.4 South Korea Electrical Digital Twin System Market Size, 2017-2028

6.5.5 Southeast Asia Electrical Digital Twin System Market Size, 2017-2028

6.5.6 India Electrical Digital Twin System Market Size, 2017-2028

## 6.6 South America

6.6.1 By Country - South America Electrical Digital Twin System Revenue, 2017-2028

6.6.2 Brazil Electrical Digital Twin System Market Size, 2017-2028

6.6.3 Argentina Electrical Digital Twin System Market Size, 2017-2028

## 6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa Electrical Digital Twin System Revenue, 2017-2028

6.7.2 Turkey Electrical Digital Twin System Market Size, 2017-2028

6.7.3 Israel Electrical Digital Twin System Market Size, 2017-2028

6.7.4 Saudi Arabia Electrical Digital Twin System Market Size, 2017-2028

6.7.5 UAE Electrical Digital Twin System Market Size, 2017-2028

## 7 PLAYERS PROFILES

### 7.1 General Electric

7.1.1 General Electric Corporate Summary

7.1.2 General Electric Business Overview

7.1.3 General Electric Electrical Digital Twin System Major Product Offerings

7.1.4 General Electric Electrical Digital Twin System Revenue in Global Market (2017-2022)



- 7.1.5 General Electric Key News
- 7.2 PTC
  - 7.2.1 PTC Corporate Summary
  - 7.2.2 PTC Business Overview
  - 7.2.3 PTC Electrical Digital Twin System Major Product Offerings
  - 7.2.4 PTC Electrical Digital Twin System Revenue in Global Market (2017-2022)
  - 7.2.5 PTC Key News
- 7.3 Siemens
  - 7.3.1 Siemens Corporate Summary
  - 7.3.2 Siemens Business Overview
  - 7.3.3 Siemens Electrical Digital Twin System Major Product Offerings
  - 7.3.4 Siemens Electrical Digital Twin System Revenue in Global Market (2017-2022)
  - 7.3.5 Siemens Key News
- 7.4 Dassault Systemes
  - 7.4.1 Dassault Systemes Corporate Summary
  - 7.4.2 Dassault Systemes Business Overview
  - 7.4.3 Dassault Systemes Electrical Digital Twin System Major Product Offerings
  - 7.4.4 Dassault Systemes Electrical Digital Twin System Revenue in Global Market (2017-2022)
  - 7.4.5 Dassault Systemes Key News
- 7.5 IBM Corporation
  - 7.5.1 IBM Corporation Corporate Summary
  - 7.5.2 IBM Corporation Business Overview
  - 7.5.3 IBM Corporation Electrical Digital Twin System Major Product Offerings
  - 7.5.4 IBM Corporation Electrical Digital Twin System Revenue in Global Market (2017-2022)
  - 7.5.5 IBM Corporation Key News
- 7.6 ANSYS
  - 7.6.1 ANSYS Corporate Summary
  - 7.6.2 ANSYS Business Overview
  - 7.6.3 ANSYS Electrical Digital Twin System Major Product Offerings
  - 7.6.4 ANSYS Electrical Digital Twin System Revenue in Global Market (2017-2022)
  - 7.6.5 ANSYS Key News
- 7.7 Microsoft Corporation
  - 7.7.1 Microsoft Corporation Corporate Summary
  - 7.7.2 Microsoft Corporation Business Overview
  - 7.7.3 Microsoft Corporation Electrical Digital Twin System Major Product Offerings
  - 7.7.4 Microsoft Corporation Electrical Digital Twin System Revenue in Global Market (2017-2022)

7.7.5 Microsoft Corporation Key News

7.8 Oracle Corporation

7.8.1 Oracle Corporation Corporate Summary

7.8.2 Oracle Corporation Business Overview

7.8.3 Oracle Corporation Electrical Digital Twin System Major Product Offerings

7.8.4 Oracle Corporation Electrical Digital Twin System Revenue in Global Market (2017-2022)

7.8.5 Oracle Corporation Key News

## **8 CONCLUSION**

## **9 APPENDIX**

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Electrical Digital Twin System Market Opportunities & Trends in Global Market

Table 2. Electrical Digital Twin System Market Drivers in Global Market

Table 3. Electrical Digital Twin System Market Restraints in Global Market

Table 4. Key Players of Electrical Digital Twin System in Global Market

Table 5. Top Electrical Digital Twin System Players in Global Market, Ranking by Revenue (2021)

Table 6. Global Electrical Digital Twin System Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global Electrical Digital Twin System Revenue Share by Companies, 2017-2022

Table 8. Global Companies Electrical Digital Twin System Product Type

Table 9. List of Global Tier 1 Electrical Digital Twin System Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Electrical Digital Twin System Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Electrical Digital Twin System Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Electrical Digital Twin System Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - Electrical Digital Twin System Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global Electrical Digital Twin System Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - Electrical Digital Twin System Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - Electrical Digital Twin System Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global Electrical Digital Twin System Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global Electrical Digital Twin System Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global Electrical Digital Twin System Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2022

Table 21. By Country - North America Electrical Digital Twin System Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe Electrical Digital Twin System Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia Electrical Digital Twin System Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America Electrical Digital Twin System Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa Electrical Digital Twin System Revenue, (US\$, Mn), 2023-2028

Table 30. General Electric Corporate Summary

Table 31. General Electric Electrical Digital Twin System Product Offerings

Table 32. General Electric Electrical Digital Twin System Revenue (US\$, Mn), (2017-2022)

Table 33. PTC Corporate Summary

Table 34. PTC Electrical Digital Twin System Product Offerings

Table 35. PTC Electrical Digital Twin System Revenue (US\$, Mn), (2017-2022)

Table 36. Siemens Corporate Summary

Table 37. Siemens Electrical Digital Twin System Product Offerings

Table 38. Siemens Electrical Digital Twin System Revenue (US\$, Mn), (2017-2022)

Table 39. Dassault Systemes Corporate Summary

Table 40. Dassault Systemes Electrical Digital Twin System Product Offerings

Table 41. Dassault Systemes Electrical Digital Twin System Revenue (US\$, Mn), (2017-2022)

Table 42. IBM Corporation Corporate Summary

Table 43. IBM Corporation Electrical Digital Twin System Product Offerings

Table 44. IBM Corporation Electrical Digital Twin System Revenue (US\$, Mn), (2017-2022)

Table 45. ANSYS Corporate Summary

Table 46. ANSYS Electrical Digital Twin System Product Offerings

Table 47. ANSYS Electrical Digital Twin System Revenue (US\$, Mn), (2017-2022)

Table 48. Microsoft Corporation Corporate Summary

Table 49. Microsoft Corporation Electrical Digital Twin System Product Offerings

Table 50. Microsoft Corporation Electrical Digital Twin System Revenue (US\$, Mn),  
(2017-2022)

Table 51. Oracle Corporation Corporate Summary

Table 52. Oracle Corporation Electrical Digital Twin System Product Offerings

Table 53. Oracle Corporation Electrical Digital Twin System Revenue (US\$, Mn),  
(2017-2022)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Electrical Digital Twin System Segment by Type in 2021
- Figure 2. Electrical Digital Twin System Segment by Application in 2021
- Figure 3. Global Electrical Digital Twin System Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Electrical Digital Twin System Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Electrical Digital Twin System Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by Electrical Digital Twin System Revenue in 2021
- Figure 8. By Type - Global Electrical Digital Twin System Revenue Market Share, 2017-2028
- Figure 9. By Application - Global Electrical Digital Twin System Revenue Market Share, 2017-2028
- Figure 10. By Region - Global Electrical Digital Twin System Revenue Market Share, 2017-2028
- Figure 11. By Country - North America Electrical Digital Twin System Revenue Market Share, 2017-2028
- Figure 12. US Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe Electrical Digital Twin System Revenue Market Share, 2017-2028
- Figure 16. Germany Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 17. France Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia Electrical Digital Twin System Revenue Market Share, 2017-2028
- Figure 24. China Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 25. Japan Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 26. South Korea Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028
- Figure 27. Southeast Asia Electrical Digital Twin System Revenue, (US\$, Mn),

2017-2028

Figure 28. India Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America Electrical Digital Twin System Revenue Market Share, 2017-2028

Figure 30. Brazil Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa Electrical Digital Twin System Revenue Market Share, 2017-2028

Figure 33. Turkey Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE Electrical Digital Twin System Revenue, (US\$, Mn), 2017-2028

Figure 37. General Electric Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. PTC Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. Siemens Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. Dassault Systemes Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. IBM Corporation Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. ANSYS Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. Microsoft Corporation Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Oracle Corporation Electrical Digital Twin System Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)



## I would like to order

Product name: Electrical Digital Twin System Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/E84E11842274EN.html>

Price: US\$ 3,250.00 (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/E84E11842274EN.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