

Software in the Loop Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/S894686E662FEN.html>

Date: January 2022

Pages: 70

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

ID: S894686E662FEN

Abstracts

This report contains market size and forecasts of Software in the Loop in Global, including the following market information:

Global Software in the Loop Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Software in the Loop market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

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

Open Loop HIL Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Software in the Loop include DSpace GmbH, National Instruments, Vector Informatik, Siemens, Robert Bosch Engineering, MicroNova AG, Opal-RT Technologies, LHP Engineering Solutions and Ipg Automotive GmbH, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Software in the Loop 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 Software in the Loop Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Software in the Loop Market Segment Percentages, by Type, 2021 (%)

Open Loop HIL

Closed Loop HIL

Global Software in the Loop Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Software in the Loop Market Segment Percentages, by Application, 2021 (%)

Automotive

Aerospace

Power Electronics

Research & Education

Other

Global Software in the Loop Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Software in the Loop 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 Software in the Loop revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Software in the Loop revenues share in global market, 2021 (%)

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

DSpace GmbH

National Instruments

Vector Informatik

Siemens

Robert Bosch Engineering

MicroNova AG

Opal-RT Technologies

LHP Engineering Solutions

Ipg Automotive GmbH

Typhoon HIL

Speedgoat GmbH

Eontronix

Wineman Technology

Modeling Tech

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Software in the Loop Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Software in the Loop 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 SOFTWARE IN THE LOOP OVERALL MARKET SIZE

- 2.1 Global Software in the Loop Market Size: 2021 VS 2028
- 2.2 Global Software in the Loop 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 Software in the Loop Players in Global Market
- 3.2 Top Global Software in the Loop Companies Ranked by Revenue
- 3.3 Global Software in the Loop Revenue by Companies
- 3.4 Top 3 and Top 5 Software in the Loop Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies Software in the Loop Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Software in the Loop Players in Global Market
 - 3.6.1 List of Global Tier 1 Software in the Loop Companies
 - 3.6.2 List of Global Tier 2 and Tier 3 Software in the Loop Companies

4 MARKET SIGHTS BY PRODUCT

4.1 Overview

- 4.1.1 by Type - Global Software in the Loop Market Size Markets, 2021 & 2028
- 4.1.2 Open Loop HIL
- 4.1.3 Closed Loop HIL

4.2 By Type - Global Software in the Loop Revenue & Forecasts

- 4.2.1 By Type - Global Software in the Loop Revenue, 2017-2022
- 4.2.2 By Type - Global Software in the Loop Revenue, 2023-2028
- 4.2.3 By Type - Global Software in the Loop Revenue Market Share, 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

- 5.1.1 By Application - Global Software in the Loop Market Size, 2021 & 2028
- 5.1.2 Automotive
- 5.1.3 Aerospace
- 5.1.4 Power Electronics
- 5.1.5 Research & Education
- 5.1.6 Other

5.2 By Application - Global Software in the Loop Revenue & Forecasts

- 5.2.1 By Application - Global Software in the Loop Revenue, 2017-2022
- 5.2.2 By Application - Global Software in the Loop Revenue, 2023-2028
- 5.2.3 By Application - Global Software in the Loop Revenue Market Share, 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Software in the Loop Market Size, 2021 & 2028

6.2 By Region - Global Software in the Loop Revenue & Forecasts

- 6.2.1 By Region - Global Software in the Loop Revenue, 2017-2022
- 6.2.2 By Region - Global Software in the Loop Revenue, 2023-2028
- 6.2.3 By Region - Global Software in the Loop Revenue Market Share, 2017-2028

6.3 North America

- 6.3.1 By Country - North America Software in the Loop Revenue, 2017-2028
- 6.3.2 US Software in the Loop Market Size, 2017-2028
- 6.3.3 Canada Software in the Loop Market Size, 2017-2028
- 6.3.4 Mexico Software in the Loop Market Size, 2017-2028

6.4 Europe

- 6.4.1 By Country - Europe Software in the Loop Revenue, 2017-2028
- 6.4.2 Germany Software in the Loop Market Size, 2017-2028
- 6.4.3 France Software in the Loop Market Size, 2017-2028

6.4.4 U.K. Software in the Loop Market Size, 2017-2028

6.4.5 Italy Software in the Loop Market Size, 2017-2028

6.4.6 Russia Software in the Loop Market Size, 2017-2028

6.4.7 Nordic Countries Software in the Loop Market Size, 2017-2028

6.4.8 Benelux Software in the Loop Market Size, 2017-2028

6.5 Asia

6.5.1 By Region - Asia Software in the Loop Revenue, 2017-2028

6.5.2 China Software in the Loop Market Size, 2017-2028

6.5.3 Japan Software in the Loop Market Size, 2017-2028

6.5.4 South Korea Software in the Loop Market Size, 2017-2028

6.5.5 Southeast Asia Software in the Loop Market Size, 2017-2028

6.5.6 India Software in the Loop Market Size, 2017-2028

6.6 South America

6.6.1 By Country - South America Software in the Loop Revenue, 2017-2028

6.6.2 Brazil Software in the Loop Market Size, 2017-2028

6.6.3 Argentina Software in the Loop Market Size, 2017-2028

6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa Software in the Loop Revenue, 2017-2028

6.7.2 Turkey Software in the Loop Market Size, 2017-2028

6.7.3 Israel Software in the Loop Market Size, 2017-2028

6.7.4 Saudi Arabia Software in the Loop Market Size, 2017-2028

6.7.5 UAE Software in the Loop Market Size, 2017-2028

7 PLAYERS PROFILES

7.1 DSpace GmbH

7.1.1 DSpace GmbH Corporate Summary

7.1.2 DSpace GmbH Business Overview

7.1.3 DSpace GmbH Software in the Loop Major Product Offerings

7.1.4 DSpace GmbH Software in the Loop Revenue in Global Market (2017-2022)

7.1.5 DSpace GmbH Key News

7.2 National Instruments

7.2.1 National Instruments Corporate Summary

7.2.2 National Instruments Business Overview

7.2.3 National Instruments Software in the Loop Major Product Offerings

7.2.4 National Instruments Software in the Loop Revenue in Global Market (2017-2022)

7.2.5 National Instruments Key News

7.3 Vector Informatik

- 7.3.1 Vector Informatik Corporate Summary
- 7.3.2 Vector Informatik Business Overview
- 7.3.3 Vector Informatik Software in the Loop Major Product Offerings
- 7.3.4 Vector Informatik Software in the Loop Revenue in Global Market (2017-2022)
- 7.3.5 Vector Informatik Key News
- 7.4 Siemens
 - 7.4.1 Siemens Corporate Summary
 - 7.4.2 Siemens Business Overview
 - 7.4.3 Siemens Software in the Loop Major Product Offerings
 - 7.4.4 Siemens Software in the Loop Revenue in Global Market (2017-2022)
 - 7.4.5 Siemens Key News
- 7.5 Robert Bosch Engineering
 - 7.5.1 Robert Bosch Engineering Corporate Summary
 - 7.5.2 Robert Bosch Engineering Business Overview
 - 7.5.3 Robert Bosch Engineering Software in the Loop Major Product Offerings
 - 7.5.4 Robert Bosch Engineering Software in the Loop Revenue in Global Market (2017-2022)
 - 7.5.5 Robert Bosch Engineering Key News
- 7.6 MicroNova AG
 - 7.6.1 MicroNova AG Corporate Summary
 - 7.6.2 MicroNova AG Business Overview
 - 7.6.3 MicroNova AG Software in the Loop Major Product Offerings
 - 7.6.4 MicroNova AG Software in the Loop Revenue in Global Market (2017-2022)
 - 7.6.5 MicroNova AG Key News
- 7.7 Opal-RT Technologies
 - 7.7.1 Opal-RT Technologies Corporate Summary
 - 7.7.2 Opal-RT Technologies Business Overview
 - 7.7.3 Opal-RT Technologies Software in the Loop Major Product Offerings
 - 7.7.4 Opal-RT Technologies Software in the Loop Revenue in Global Market (2017-2022)
 - 7.7.5 Opal-RT Technologies Key News
- 7.8 LHP Engineering Solutions
 - 7.8.1 LHP Engineering Solutions Corporate Summary
 - 7.8.2 LHP Engineering Solutions Business Overview
 - 7.8.3 LHP Engineering Solutions Software in the Loop Major Product Offerings
 - 7.8.4 LHP Engineering Solutions Software in the Loop Revenue in Global Market (2017-2022)
 - 7.8.5 LHP Engineering Solutions Key News
- 7.9 Ipg Automotive GmbH

- 7.9.1 Ipg Automotive GmbH Corporate Summary
- 7.9.2 Ipg Automotive GmbH Business Overview
- 7.9.3 Ipg Automotive GmbH Software in the Loop Major Product Offerings
- 7.9.4 Ipg Automotive GmbH Software in the Loop Revenue in Global Market (2017-2022)
- 7.9.5 Ipg Automotive GmbH Key News
- 7.10 Typhoon HIL
 - 7.10.1 Typhoon HIL Corporate Summary
 - 7.10.2 Typhoon HIL Business Overview
 - 7.10.3 Typhoon HIL Software in the Loop Major Product Offerings
 - 7.10.4 Typhoon HIL Software in the Loop Revenue in Global Market (2017-2022)
 - 7.10.5 Typhoon HIL Key News
- 7.11 Speedgoat GmbH
 - 7.11.1 Speedgoat GmbH Corporate Summary
 - 7.11.2 Speedgoat GmbH Business Overview
 - 7.11.3 Speedgoat GmbH Software in the Loop Major Product Offerings
 - 7.11.4 Speedgoat GmbH Software in the Loop Revenue in Global Market (2017-2022)
 - 7.11.5 Speedgoat GmbH Key News
- 7.12 Eontronix
 - 7.12.1 Eontronix Corporate Summary
 - 7.12.2 Eontronix Business Overview
 - 7.12.3 Eontronix Software in the Loop Major Product Offerings
 - 7.12.4 Eontronix Software in the Loop Revenue in Global Market (2017-2022)
 - 7.12.5 Eontronix Key News
- 7.13 Wineman Technology
 - 7.13.1 Wineman Technology Corporate Summary
 - 7.13.2 Wineman Technology Business Overview
 - 7.13.3 Wineman Technology Software in the Loop Major Product Offerings
 - 7.13.4 Wineman Technology Software in the Loop Revenue in Global Market (2017-2022)
 - 7.13.5 Wineman Technology Key News
- 7.14 Modeling Tech
 - 7.14.1 Modeling Tech Corporate Summary
 - 7.14.2 Modeling Tech Business Overview
 - 7.14.3 Modeling Tech Software in the Loop Major Product Offerings
 - 7.14.4 Modeling Tech Software in the Loop Revenue in Global Market (2017-2022)
 - 7.14.5 Modeling Tech 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. Software in the Loop Market Opportunities & Trends in Global Market

Table 2. Software in the Loop Market Drivers in Global Market

Table 3. Software in the Loop Market Restraints in Global Market

Table 4. Key Players of Software in the Loop in Global Market

Table 5. Top Software in the Loop Players in Global Market, Ranking by Revenue (2021)

Table 6. Global Software in the Loop Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global Software in the Loop Revenue Share by Companies, 2017-2022

Table 8. Global Companies Software in the Loop Product Type

Table 9. List of Global Tier 1 Software in the Loop Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Software in the Loop Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Software in the Loop Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Software in the Loop Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - Software in the Loop Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global Software in the Loop Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - Software in the Loop Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - Software in the Loop Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global Software in the Loop Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global Software in the Loop Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global Software in the Loop Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America Software in the Loop Revenue, (US\$, Mn), 2017-2022

Table 21. By Country - North America Software in the Loop Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe Software in the Loop Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe Software in the Loop Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia Software in the Loop Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia Software in the Loop Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America Software in the Loop Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America Software in the Loop Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa Software in the Loop Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa Software in the Loop Revenue, (US\$, Mn), 2023-2028

Table 30. DSpace GmbH Corporate Summary

Table 31. DSpace GmbH Software in the Loop Product Offerings

Table 32. DSpace GmbH Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 33. National Instruments Corporate Summary

Table 34. National Instruments Software in the Loop Product Offerings

Table 35. National Instruments Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 36. Vector Informatik Corporate Summary

Table 37. Vector Informatik Software in the Loop Product Offerings

Table 38. Vector Informatik Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 39. Siemens Corporate Summary

Table 40. Siemens Software in the Loop Product Offerings

Table 41. Siemens Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 42. Robert Bosch Engineering Corporate Summary

Table 43. Robert Bosch Engineering Software in the Loop Product Offerings

Table 44. Robert Bosch Engineering Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 45. MicroNova AG Corporate Summary

Table 46. MicroNova AG Software in the Loop Product Offerings

Table 47. MicroNova AG Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 48. Opal-RT Technologies Corporate Summary

Table 49. Opal-RT Technologies Software in the Loop Product Offerings

Table 50. Opal-RT Technologies Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 51. LHP Engineering Solutions Corporate Summary

Table 52. LHP Engineering Solutions Software in the Loop Product Offerings

Table 53. LHP Engineering Solutions Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 54. Ipg Automotive GmbH Corporate Summary

Table 55. Ipg Automotive GmbH Software in the Loop Product Offerings

Table 56. Ipg Automotive GmbH Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 57. Typhoon HIL Corporate Summary

Table 58. Typhoon HIL Software in the Loop Product Offerings

Table 59. Typhoon HIL Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 60. Speedgoat GmbH Corporate Summary

Table 61. Speedgoat GmbH Software in the Loop Product Offerings

Table 62. Speedgoat GmbH Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 63. Eontronix Corporate Summary

Table 64. Eontronix Software in the Loop Product Offerings

Table 65. Eontronix Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 66. Wineman Technology Corporate Summary

Table 67. Wineman Technology Software in the Loop Product Offerings

Table 68. Wineman Technology Software in the Loop Revenue (US\$, Mn), (2017-2022)

Table 69. Modeling Tech Corporate Summary

Table 70. Modeling Tech Software in the Loop Product Offerings

Table 71. Modeling Tech Software in the Loop Revenue (US\$, Mn), (2017-2022)

List Of Figures

LIST OF FIGURES

Figure 1. Software in the Loop Segment by Type in 2021

Figure 2. Software in the Loop Segment by Application in 2021

Figure 3. Global Software in the Loop Market Overview: 2020

Figure 4. Key Caveats

Figure 5. Global Software in the Loop Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Software in the Loop Revenue, 2017-2028 (US\$, Mn)

Figure 7. The Top 3 and 5 Players Market Share by Software in the Loop Revenue in 2021

Figure 8. By Type - Global Software in the Loop Revenue Market Share, 2017-2028

Figure 9. By Application - Global Software in the Loop Revenue Market Share, 2017-2028

Figure 10. By Region - Global Software in the Loop Revenue Market Share, 2017-2028

Figure 11. By Country - North America Software in the Loop Revenue Market Share, 2017-2028

Figure 12. US Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 13. Canada Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 14. Mexico Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 15. By Country - Europe Software in the Loop Revenue Market Share, 2017-2028

Figure 16. Germany Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 17. France Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 18. U.K. Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 19. Italy Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 20. Russia Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 21. Nordic Countries Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 22. Benelux Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 23. By Region - Asia Software in the Loop Revenue Market Share, 2017-2028

Figure 24. China Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 25. Japan Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 26. South Korea Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 27. Southeast Asia Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 28. India Software in the Loop Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America Software in the Loop Revenue Market Share, 2017-2028

Figure 30. Brazil Software in the Loop Revenue, (US\$, Mn), 2017-2028

- Figure 31. Argentina Software in the Loop Revenue, (US\$, Mn), 2017-2028
- Figure 32. By Country - Middle East & Africa Software in the Loop Revenue Market Share, 2017-2028
- Figure 33. Turkey Software in the Loop Revenue, (US\$, Mn), 2017-2028
- Figure 34. Israel Software in the Loop Revenue, (US\$, Mn), 2017-2028
- Figure 35. Saudi Arabia Software in the Loop Revenue, (US\$, Mn), 2017-2028
- Figure 36. UAE Software in the Loop Revenue, (US\$, Mn), 2017-2028
- Figure 37. DSpace GmbH Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 38. National Instruments Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 39. Vector Informatik Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 40. Siemens Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 41. Robert Bosch Engineering Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 42. MicroNova AG Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 43. Opal-RT Technologies Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 44. LHP Engineering Solutions Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 45. Ipg Automotive GmbH Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 46. Typhoon HIL Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 47. Speedgoat GmbH Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 48. Eontronix Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 49. Wineman Technology Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)
- Figure 50. Modeling Tech Software in the Loop Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

I would like to order

Product name: Software in the Loop Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/S894686E662FEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S894686E662FEN.html>