

Unidirectional Network Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/U2B3DCAFC062EN.html>

Date: February 2022

Pages: 68

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

ID: U2B3DCAFC062EN

Abstracts

A unidirectional network (also referred to as a unidirectional gateway or data diode) is a network appliance or device that allows data to travel in only one direction. Data diodes can be found most commonly in high security environments, such as defense, where they serve as connections between two or more networks of differing security classifications.

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

Global Unidirectional Network Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Unidirectional Network 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.

1u Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Unidirectional Network include Waterfall-security, Owlcyberdefens, BAE Systems, Digsafe, Advenica, Fibersystem, VADO Security Technologies, Owl Cyber Defense and Fox-IT, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

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

Global Unidirectional Network Market Segment Percentages, by Type, 2021 (%)

1u

2u

Other

Global Unidirectional Network Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Unidirectional Network Market Segment Percentages, by Application, 2021 (%)

Government

Aerospace & Defense

Manufacturing

Life Science

Power

Oil & Gas

Other

Global Unidirectional Network Market, By Region and Country, 2017-2022, 2023-2028

(\$ Millions)

Global Unidirectional Network 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 Unidirectional Network revenues in global market, 2017-2022
(estimated), (\$ millions)

Key companies Unidirectional Network revenues share in global market, 2021 (%)

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

Waterfall-security

Owlcyberdefens

BAE Systems

Digsafe

Advenica

Fibersystem

VADO Security Technologies

Owl Cyber Defense

Fox-IT

GeNUA

Deep-Secure

Hirschmann

Tresys

ST Engineering

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Unidirectional Network Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Unidirectional Network 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 UNIDIRECTIONAL NETWORK OVERALL MARKET SIZE

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

4 MARKET SIGHTS BY PRODUCT

4.1 Overview

4.1.1 by Type - Global Unidirectional Network Market Size Markets, 2021 & 2028

4.1.2 1u

4.1.3 2u

4.1.4 Other

4.2 By Type - Global Unidirectional Network Revenue & Forecasts

4.2.1 By Type - Global Unidirectional Network Revenue, 2017-2022

4.2.2 By Type - Global Unidirectional Network Revenue, 2023-2028

4.2.3 By Type - Global Unidirectional Network Revenue Market Share, 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Unidirectional Network Market Size, 2021 & 2028

5.1.2 Government

5.1.3 Aerospace & Defense

5.1.4 Manufacturing

5.1.5 Life Science

5.1.6 Power

5.1.7 Oil & Gas

5.1.8 Other

5.2 By Application - Global Unidirectional Network Revenue & Forecasts

5.2.1 By Application - Global Unidirectional Network Revenue, 2017-2022

5.2.2 By Application - Global Unidirectional Network Revenue, 2023-2028

5.2.3 By Application - Global Unidirectional Network Revenue Market Share, 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Unidirectional Network Market Size, 2021 & 2028

6.2 By Region - Global Unidirectional Network Revenue & Forecasts

6.2.1 By Region - Global Unidirectional Network Revenue, 2017-2022

6.2.2 By Region - Global Unidirectional Network Revenue, 2023-2028

6.2.3 By Region - Global Unidirectional Network Revenue Market Share, 2017-2028

6.3 North America

6.3.1 By Country - North America Unidirectional Network Revenue, 2017-2028

6.3.2 US Unidirectional Network Market Size, 2017-2028

6.3.3 Canada Unidirectional Network Market Size, 2017-2028

6.3.4 Mexico Unidirectional Network Market Size, 2017-2028

6.4 Europe

6.4.1 By Country - Europe Unidirectional Network Revenue, 2017-2028

6.4.2 Germany Unidirectional Network Market Size, 2017-2028

6.4.3 France Unidirectional Network Market Size, 2017-2028

6.4.4 U.K. Unidirectional Network Market Size, 2017-2028

6.4.5 Italy Unidirectional Network Market Size, 2017-2028

6.4.6 Russia Unidirectional Network Market Size, 2017-2028

6.4.7 Nordic Countries Unidirectional Network Market Size, 2017-2028

6.4.8 Benelux Unidirectional Network Market Size, 2017-2028

6.5 Asia

6.5.1 By Region - Asia Unidirectional Network Revenue, 2017-2028

6.5.2 China Unidirectional Network Market Size, 2017-2028

6.5.3 Japan Unidirectional Network Market Size, 2017-2028

6.5.4 South Korea Unidirectional Network Market Size, 2017-2028

6.5.5 Southeast Asia Unidirectional Network Market Size, 2017-2028

6.5.6 India Unidirectional Network Market Size, 2017-2028

6.6 South America

6.6.1 By Country - South America Unidirectional Network Revenue, 2017-2028

6.6.2 Brazil Unidirectional Network Market Size, 2017-2028

6.6.3 Argentina Unidirectional Network Market Size, 2017-2028

6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa Unidirectional Network Revenue, 2017-2028

6.7.2 Turkey Unidirectional Network Market Size, 2017-2028

6.7.3 Israel Unidirectional Network Market Size, 2017-2028

6.7.4 Saudi Arabia Unidirectional Network Market Size, 2017-2028

6.7.5 UAE Unidirectional Network Market Size, 2017-2028

7 PLAYERS PROFILES

7.1 Waterfall-security

7.1.1 Waterfall-security Corporate Summary

7.1.2 Waterfall-security Business Overview

7.1.3 Waterfall-security Unidirectional Network Major Product Offerings

7.1.4 Waterfall-security Unidirectional Network Revenue in Global Market (2017-2022)

7.1.5 Waterfall-security Key News

7.2 Owlcyberdefens

7.2.1 Owlcyberdefens Corporate Summary

7.2.2 Owlcyberdefens Business Overview

7.2.3 Owlcyberdefens Unidirectional Network Major Product Offerings

- 7.2.4 Owlcyberdefens Unidirectional Network Revenue in Global Market (2017-2022)
- 7.2.5 Owlcyberdefens Key News
- 7.3 BAE Systems
 - 7.3.1 BAE Systems Corporate Summary
 - 7.3.2 BAE Systems Business Overview
 - 7.3.3 BAE Systems Unidirectional Network Major Product Offerings
 - 7.3.4 BAE Systems Unidirectional Network Revenue in Global Market (2017-2022)
 - 7.3.5 BAE Systems Key News
- 7.4 Digsafe
 - 7.4.1 Digsafe Corporate Summary
 - 7.4.2 Digsafe Business Overview
 - 7.4.3 Digsafe Unidirectional Network Major Product Offerings
 - 7.4.4 Digsafe Unidirectional Network Revenue in Global Market (2017-2022)
 - 7.4.5 Digsafe Key News
- 7.5 Advenica
 - 7.5.1 Advenica Corporate Summary
 - 7.5.2 Advenica Business Overview
 - 7.5.3 Advenica Unidirectional Network Major Product Offerings
 - 7.5.4 Advenica Unidirectional Network Revenue in Global Market (2017-2022)
 - 7.5.5 Advenica Key News
- 7.6 Fibersystem
 - 7.6.1 Fibersystem Corporate Summary
 - 7.6.2 Fibersystem Business Overview
 - 7.6.3 Fibersystem Unidirectional Network Major Product Offerings
 - 7.6.4 Fibersystem Unidirectional Network Revenue in Global Market (2017-2022)
 - 7.6.5 Fibersystem Key News
- 7.7 VADO Security Technologies
 - 7.7.1 VADO Security Technologies Corporate Summary
 - 7.7.2 VADO Security Technologies Business Overview
 - 7.7.3 VADO Security Technologies Unidirectional Network Major Product Offerings
 - 7.7.4 VADO Security Technologies Unidirectional Network Revenue in Global Market (2017-2022)
 - 7.7.5 VADO Security Technologies Key News
- 7.8 Owl Cyber Defense
 - 7.8.1 Owl Cyber Defense Corporate Summary
 - 7.8.2 Owl Cyber Defense Business Overview
 - 7.8.3 Owl Cyber Defense Unidirectional Network Major Product Offerings
 - 7.8.4 Owl Cyber Defense Unidirectional Network Revenue in Global Market (2017-2022)

7.8.5 Owl Cyber Defense Key News

7.9 Fox-IT

7.9.1 Fox-IT Corporate Summary

7.9.2 Fox-IT Business Overview

7.9.3 Fox-IT Unidirectional Network Major Product Offerings

7.9.4 Fox-IT Unidirectional Network Revenue in Global Market (2017-2022)

7.9.5 Fox-IT Key News

7.10 GeNUA

7.10.1 GeNUA Corporate Summary

7.10.2 GeNUA Business Overview

7.10.3 GeNUA Unidirectional Network Major Product Offerings

7.10.4 GeNUA Unidirectional Network Revenue in Global Market (2017-2022)

7.10.5 GeNUA Key News

7.11 Deep-Secure

7.11.1 Deep-Secure Corporate Summary

7.11.2 Deep-Secure Business Overview

7.11.3 Deep-Secure Unidirectional Network Major Product Offerings

7.11.4 Deep-Secure Unidirectional Network Revenue in Global Market (2017-2022)

7.11.5 Deep-Secure Key News

7.12 Hirschmann

7.12.1 Hirschmann Corporate Summary

7.12.2 Hirschmann Business Overview

7.12.3 Hirschmann Unidirectional Network Major Product Offerings

7.12.4 Hirschmann Unidirectional Network Revenue in Global Market (2017-2022)

7.12.5 Hirschmann Key News

7.13 Tresys

7.13.1 Tresys Corporate Summary

7.13.2 Tresys Business Overview

7.13.3 Tresys Unidirectional Network Major Product Offerings

7.13.4 Tresys Unidirectional Network Revenue in Global Market (2017-2022)

7.13.5 Tresys Key News

7.14 ST Engineering

7.14.1 ST Engineering Corporate Summary

7.14.2 ST Engineering Business Overview

7.14.3 ST Engineering Unidirectional Network Major Product Offerings

7.14.4 ST Engineering Unidirectional Network Revenue in Global Market (2017-2022)

7.14.5 ST Engineering 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. Unidirectional Network Market Opportunities & Trends in Global Market

Table 2. Unidirectional Network Market Drivers in Global Market

Table 3. Unidirectional Network Market Restraints in Global Market

Table 4. Key Players of Unidirectional Network in Global Market

Table 5. Top Unidirectional Network Players in Global Market, Ranking by Revenue (2021)

Table 6. Global Unidirectional Network Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global Unidirectional Network Revenue Share by Companies, 2017-2022

Table 8. Global Companies Unidirectional Network Product Type

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

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

Table 11. By Type – Global Unidirectional Network Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Unidirectional Network Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - Unidirectional Network Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global Unidirectional Network Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - Unidirectional Network Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - Unidirectional Network Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global Unidirectional Network Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global Unidirectional Network Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global Unidirectional Network Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America Unidirectional Network Revenue, (US\$, Mn), 2017-2022

Table 21. By Country - North America Unidirectional Network Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe Unidirectional Network Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe Unidirectional Network Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia Unidirectional Network Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia Unidirectional Network Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America Unidirectional Network Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America Unidirectional Network Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa Unidirectional Network Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa Unidirectional Network Revenue, (US\$, Mn), 2023-2028

Table 30. Waterfall-security Corporate Summary

Table 31. Waterfall-security Unidirectional Network Product Offerings

Table 32. Waterfall-security Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 33. Owlcyberdefens Corporate Summary

Table 34. Owlcyberdefens Unidirectional Network Product Offerings

Table 35. Owlcyberdefens Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 36. BAE Systems Corporate Summary

Table 37. BAE Systems Unidirectional Network Product Offerings

Table 38. BAE Systems Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 39. Digsafe Corporate Summary

Table 40. Digsafe Unidirectional Network Product Offerings

Table 41. Digsafe Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 42. Advenica Corporate Summary

Table 43. Advenica Unidirectional Network Product Offerings

Table 44. Advenica Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 45. Fibersystem Corporate Summary

Table 46. Fibersystem Unidirectional Network Product Offerings

Table 47. Fibersystem Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 48. VADO Security Technologies Corporate Summary

Table 49. VADO Security Technologies Unidirectional Network Product Offerings

Table 50. VADO Security Technologies Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 51. Owl Cyber Defense Corporate Summary

Table 52. Owl Cyber Defense Unidirectional Network Product Offerings

Table 53. Owl Cyber Defense Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 54. Fox-IT Corporate Summary

Table 55. Fox-IT Unidirectional Network Product Offerings

Table 56. Fox-IT Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 57. GeNUA Corporate Summary

Table 58. GeNUA Unidirectional Network Product Offerings

Table 59. GeNUA Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 60. Deep-Secure Corporate Summary

Table 61. Deep-Secure Unidirectional Network Product Offerings

Table 62. Deep-Secure Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 63. Hirschmann Corporate Summary

Table 64. Hirschmann Unidirectional Network Product Offerings

Table 65. Hirschmann Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 66. Tresys Corporate Summary

Table 67. Tresys Unidirectional Network Product Offerings

Table 68. Tresys Unidirectional Network Revenue (US\$, Mn), (2017-2022)

Table 69. ST Engineering Corporate Summary

Table 70. ST Engineering Unidirectional Network Product Offerings

Table 71. ST Engineering Unidirectional Network Revenue (US\$, Mn), (2017-2022)

List Of Figures

LIST OF FIGURES

- Figure 1. Unidirectional Network Segment by Type in 2021
- Figure 2. Unidirectional Network Segment by Application in 2021
- Figure 3. Global Unidirectional Network Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Unidirectional Network Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Unidirectional Network Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by Unidirectional Network Revenue in 2021
- Figure 8. By Type - Global Unidirectional Network Revenue Market Share, 2017-2028
- Figure 9. By Application - Global Unidirectional Network Revenue Market Share, 2017-2028
- Figure 10. By Region - Global Unidirectional Network Revenue Market Share, 2017-2028
- Figure 11. By Country - North America Unidirectional Network Revenue Market Share, 2017-2028
- Figure 12. US Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe Unidirectional Network Revenue Market Share, 2017-2028
- Figure 16. Germany Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 17. France Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia Unidirectional Network Revenue Market Share, 2017-2028
- Figure 24. China Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 25. Japan Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 26. South Korea Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 27. Southeast Asia Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 28. India Unidirectional Network Revenue, (US\$, Mn), 2017-2028
- Figure 29. By Country - South America Unidirectional Network Revenue Market Share, 2017-2028

Figure 30. Brazil Unidirectional Network Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina Unidirectional Network Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa Unidirectional Network Revenue Market Share, 2017-2028

Figure 33. Turkey Unidirectional Network Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel Unidirectional Network Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia Unidirectional Network Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE Unidirectional Network Revenue, (US\$, Mn), 2017-2028

Figure 37. Waterfall-security Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. Owlcyberdefens Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. BAE Systems Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. Digsafe Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. Advenica Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Fibersystem Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. VADO Security Technologies Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Owl Cyber Defense Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 45. Fox-IT Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 46. GeNUA Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 47. Deep-Secure Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 48. Hirschmann Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 49. Tresys Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 50. ST Engineering Unidirectional Network Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

I would like to order

Product name: Unidirectional Network Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/U2B3DCAFC062EN.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/U2B3DCAFC062EN.html>