

# **Global Cyber Range Market Size study, By Type (Cloud-based, On-premise, Hybrid), By Application (Training Purpose, Network Testing) and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/GA734CAD58CEEN.html>

Date: May 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GA734CAD58CEEN

## **Abstracts**

Global Cyber Range Market is valued approximately at USD 2.05 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 11.10% over the forecast period 2024-2032. Cyber Range is a virtual environment for developing, testing, and exercising cybersecurity skills and capabilities. It provides a regulated and secure platform for cybersecurity experts to practice protecting against and responding to various cyber threats and attacks in a realistic environment. Cyber Ranges can be used to evaluate security solutions, conduct red team/blue team exercises, and examine the overall cybersecurity posture of an organization. Furthermore, rising integration of artificial intelligence and machine learning are gaining attention towards Global Cyber Range Market. AI and ML-powered cyber range solutions can automate certain aspects of incident response, such as triaging alerts, prioritizing incidents based on their severity and potential impact and initiating response actions. This helps organizations to mitigate cyber-attacks more quickly and efficiently, reducing the risk of data breaches and other security incidents.

Global Cyber Range Market is driven by increasing cases of cyber security breach and rising demand of network testing applications across the world. These cyber ranges provide a controlled environment where cybersecurity professionals can gain hands-on experience in responding to various cyber threats, thereby improving their readiness to combat actual breaches. In addition, network testing applications help organizations assess their readiness to withstand cyber-attacks, natural disasters, and other disruptive events that may impact network availability and performance. However, high deployment cost of cyber range and lack of technical expertise is going to impede the

overall demand for the market during the forecast period 2024-2032.

The key regions considered for the Global Cyber Range market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the largest regional market in terms of revenue owing to factors such as rising number of supportive government initiatives towards cyber security across the region. Government organizations plays a crucial role in coordinating cybersecurity incident response efforts and facilitating threat intelligence sharing among public and private sector entities. Cyber ranges enable organizations to simulate cyber-attacks, test incident response plans, and share threat intelligence in a controlled environment. Government-supported initiatives promote the use of cyber ranges for collaborative cybersecurity exercises and information sharing initiatives. Furthermore, the market in Asia Pacific, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Qi An Xin Technology Group Inc  
Cisco Systems, Inc  
RangeForce, Inc  
Cyber Test Systems Pte. Ltd  
Zhejiang Fengtai Technology Co., Ltd  
Integrity Technology Services LLC  
International Business Machines Corporation  
Keysight Technologies, Inc  
ManTech International Corporation  
SimSpace Corporation

The detailed segments and sub-segment of the market are explained below:

By Type

Cloud-based

On-premise

Hybrid

By Application

Training Purpose

Network Testing

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL CYBER RANGE MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
  - 1.3.1. Inclusion & Exclusion
  - 1.3.2. Limitations
  - 1.3.3. Supply Side Analysis
    - 1.3.3.1. Availability
    - 1.3.3.2. Infrastructure
    - 1.3.3.3. Regulatory Environment
    - 1.3.3.4. Market Competition
    - 1.3.3.5. Economic Viability (Consumer's Perspective)
  - 1.3.4. Demand Side Analysis
    - 1.3.4.1. Regulatory frameworks
    - 1.3.4.2. Technological Advancements
    - 1.3.4.3. Environmental Considerations
    - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Global Cyber Range Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
  - 2.3.1. By Type
  - 2.3.2. By Application
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

### **CHAPTER 3. GLOBAL CYBER RANGE MARKET DYNAMICS**

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

## **CHAPTER 4. GLOBAL CYBER RANGE MARKET: INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model
  - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
  - 4.2.1. Political
  - 4.2.2. Economic
  - 4.2.3. Social
  - 4.2.4. Technological
  - 4.2.5. Environmental
  - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL CYBER RANGE MARKET SIZE & FORECASTS BY TYPE 2022-2032**

- 5.1. Cloud-based
- 5.2. On-premise
- 5.3. Hybrid

## **CHAPTER 6. GLOBAL CYBER RANGE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

- 6.1. Training Purpose
- 6.2. Network Testing

## **CHAPTER 7. GLOBAL CYBER RANGE MARKET SIZE & FORECASTS BY REGION 2022-2032**

- 7.1. North America Cyber Range Market
  - 7.1.1. U.S. Cyber Range Market
    - 7.1.1.1. Type breakdown size & forecasts, 2022-2032
    - 7.1.1.2. Application breakdown size & forecasts, 2022-2032
  - 7.1.2. Canada Cyber Range Market
- 7.2. Europe Cyber Range Market
  - 7.2.1. U.K. Cyber Range Market
  - 7.2.2. Germany Cyber Range Market
  - 7.2.3. France Cyber Range Market
  - 7.2.4. Spain Cyber Range Market
  - 7.2.5. Italy Cyber Range Market
  - 7.2.6. Rest of Europe Cyber Range Market
- 7.3. Asia-Pacific Cyber Range Market
  - 7.3.1. China Cyber Range Market
  - 7.3.2. India Cyber Range Market
  - 7.3.3. Japan Cyber Range Market
  - 7.3.4. Australia Cyber Range Market
  - 7.3.5. South Korea Cyber Range Market
  - 7.3.6. Rest of Asia Pacific Cyber Range Market
- 7.4. Latin America Cyber Range Market
  - 7.4.1. Brazil Cyber Range Market
  - 7.4.2. Mexico Cyber Range Market
  - 7.4.3. Rest of Latin America Cyber Range Market
- 7.5. Middle East & Africa Cyber Range Market
  - 7.5.1. Saudi Arabia Cyber Range Market
  - 7.5.2. South Africa Cyber Range Market
  - 7.5.3. Rest of Middle East & Africa Cyber Range Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company
  - 8.1.2. Company
  - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles

- 8.3.1. Qi An Xin Technology Group Inc
  - 8.3.1.1. Key Information
  - 8.3.1.2. Overview
  - 8.3.1.3. Financial (Subject to Data Availability)
  - 8.3.1.4. Product Summary
  - 8.3.1.5. Market Strategies
- 8.3.2. Cisco Systems, Inc
- 8.3.3. RangeForce, Inc
- 8.3.4. Cyber Test Systems Pte. Ltd
- 8.3.5. Zhejiang Fengtai Technology Co., Ltd
- 8.3.6. Integrity Technology Services LLC
- 8.3.7. International Business Machines Corporation
- 8.3.8. Keysight Technologies, Inc
- 8.3.9. ManTech International Corporation
- 8.3.10. SimSpace Corporation

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Cyber Range market, report scope

TABLE 2. Global Cyber Range market estimates & forecasts by Region 2022-2032  
(USD Billion)

TABLE 3. Global Cyber Range market estimates & forecasts by Type 2022-2032 (USD  
Billion)

TABLE 4. Global Cyber Range market estimates & forecasts by Application 2022-2032  
(USD Billion)

TABLE 5. Global Cyber Range market by segment, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 6. Global Cyber Range market by region, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 7. Global Cyber Range market by segment, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 8. Global Cyber Range market by region, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 9. Global Cyber Range market by segment, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 10. Global Cyber Range market by region, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 11. Global Cyber Range market by segment, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 12. Global Cyber Range market by region, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 13. Global Cyber Range market by segment, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 14. Global Cyber Range market by region, estimates & forecasts, 2022-2032  
(USD Billion)

TABLE 15. U.S. Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Cyber Range market estimates & forecasts by segment 2022-2032  
(USD Billion)

TABLE 17. U.S. Cyber Range market estimates & forecasts by segment 2022-2032  
(USD Billion)

TABLE 18. Canada Cyber Range market estimates & forecasts, 2022-2032 (USD  
Billion)

TABLE 19. Canada Cyber Range market estimates & forecasts by segment 2022-2032



(USD Billion)

TABLE 20. Canada Cyber Range market estimates & forecasts by segment 2022-2032

(USD Billion)

TABLE 21. UK Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 22. UK Cyber Range market estimates & forecasts by segment 2022-2032

(USD Billion)

TABLE 23. UK Cyber Range market estimates & forecasts by segment 2022-2032

(USD Billion)

TABLE 24. Germany Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 25. Germany Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 26. Germany Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 27. France Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 28. France Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 29. France Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 30. Italy Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 31. Italy Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 32. Italy Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 33. Spain Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 34. Spain Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 35. Spain Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 36. RoE Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 37. RoE Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 38. RoE Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 39. China Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 40. China Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 41. China Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 42. India Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 43. India Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 44. India Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 45. Japan Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 46. Japan Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 47. Japan Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 48. Australia Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 49. Australia Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 50. Australia Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 51. South Korea Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 52. South Korea Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 53. South Korea Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 54.

TABLE 55. RoAPAC Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 56. RoAPAC Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 57. RoAPAC Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 58. Brazil Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 59. Brazil Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 60. Brazil Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 61. Mexico Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 62. Mexico Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 63. Mexico Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 64. RoLA Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 65. RoLA Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 66. RoLA Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 67. Saudi Arabia Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 68. Saudi Arabia Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 69. Saudi Arabia Cyber Range market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 70. South Africa Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 71.

TABLE 72. South Africa Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 73. South Africa Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 74. RoMEA Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 75. RoMEA Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 76. RoMEA Cyber Range market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 77. List of secondary sources, used in the study of Global Cyber Range Market.

TABLE 78. List of primary sources, used in the study of Global Cyber Range Market.

TABLE 79. Years considered for the study.

TABLE 80. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Cyber Range market, research methodology
- FIG 2. Global Cyber Range market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Cyber Range market, key trends 2023
- FIG 5. Global Cyber Range market, growth prospects 2022-2032
- FIG 6. Global Cyber Range market, porters 5 force model
- FIG 7. Global Cyber Range market, pestel analysis
- FIG 8. Global Cyber Range market, value chain analysis
- FIG 9. Global Cyber Range market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Cyber Range market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Cyber Range market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Cyber Range market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Cyber Range market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Cyber Range market, regional snapshot 2022 & 2032
- FIG 15. North America Cyber Range market 2022 & 2032 (USD Billion)
- FIG 16. Europe Cyber Range market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Cyber Range market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Cyber Range market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Cyber Range market 2022 & 2032 (USD Billion)
- FIG 20. Global Cyber Range market, company market share analysis (2023)

## I would like to order

Product name: Global Cyber Range Market Size study, By Type (Cloud-based, On-premise, Hybrid), By Application (Training Purpose, Network Testing) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/GA734CAD58CEEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](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/GA734CAD58CEEN.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

