

Global Swarm Intelligence Market: Size, Share, and Growth Trends

The Business Research Company's Swarm Intelligence Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

LANDON, GREATER LONDON, UK, June 20, 2024 /EINPresswire.com/ -- The swarm intelligence market size is projected to grow significantly from \$0.04 billion in 2023 to \$0.06 billion in

2024, at an impressive CAGR of 41.5%. Despite challenges in the historic period, the market is anticipated to expand exponentially, reaching \$0.23 billion by 2028, driven by the expansion of the IoT ecosystem, smart cities initiatives, distributed energy systems, precision agriculture, and autonomous logistics and supply chain.



The Business
Research Company

Swarm Intelligence Global Market Report 2024 –
Market Size, Trends, And Global Forecast 2024-2033



You Can Now Pre Order
Your Report To Get A Swift
Deliver With All Your Needs
”

*The Business Research
Company*

Rising Security Concerns and Cyber Threats Propel Market Growth

Rising security concerns and cyber threats are expected to drive the growth of the swarm intelligence market. These threats pose potential risks to the security, integrity, or confidentiality of information systems, disrupting digital life. Swarm algorithms can analyze massive datasets to identify abnormal patterns, revealing security breaches

and cyberattacks in real-time. For instance, in January 2024, according to American Advisors Group, cybercrime affected 53.35 million US citizens in the first half of 2022. Additionally, cybercrime cost UK businesses an average of \$5339 (£4200) in 2022. Consequently, the increasing security concerns and cyber threats are fostering the growth of the swarm intelligence market.

Explore comprehensive insights into the global swarm intelligence market with a detailed sample report: https://www.thebusinessresearchcompany.com/sample_request?id=13939&type=smp

Key Players and Market Trends

Major companies in the swarm intelligence market include Yaskawa Electric Corporation, Robert

Bosch GmbH, ABB Asea Brown Boveri Ltd., Onfleet Inc., Festo Inc., Scalable Robotics Inc., and others. These companies are focusing on innovative technological products, such as drone swarming capabilities, to enhance their market profitability.

In a notable development, Shield AI, a US-based aerospace and defense company, launched V-BAT Teams in October 2023 for intelligent, swarming drone capabilities. This technology enables multiple V-BATs to autonomously carry out missions in electronically contested environments, providing comprehensive coverage across wide geographic areas. The scalability of this technology supports future deployments involving hundreds or thousands of aircraft.

Segments:

- By Model: Ant Colony Optimization, Particle Swarm Optimization, Other models
- By Capability: Optimization, Clustering, Scheduling, Routing
- By Application: Robotics, Drones, Human Swarming
- By End-User Industry: Transportation And Logistics, Robotics And Automation, Healthcare, Retail (Digital Ecommerce)

Geographical Insights: North America Leading the Market

North America was the largest region in the swarm intelligence market in 2023. Asia-Pacific is expected to be the fastest-growing region during the forecast period. The detailed report provides comprehensive insights into regional dynamics, market trends, and growth opportunities.

Access the complete report for an in-depth analysis of the global swarm intelligence market:

<https://www.thebusinessresearchcompany.com/report/swarm-intelligence-global-market-report>

[Swarm Intelligence Global Market Report 2024](#) from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

[The Swarm Intelligence Global Market Report 2024](#) by The Business Research Company is the most comprehensive report that provides insights on swarm intelligence market size, swarm intelligence market drivers and trends, swarm intelligence market major players, competitors' revenues, market positioning, and market growth across geographies. The swarm intelligence market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

Browse Through More Similar Reports By [The Business Research Company](#):

Canned And Ambient Food Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/canned-and-ambient-food-global-market-report>

Automotive Ambient Lighting Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/automotive-ambient-lighting-global-market-report>

Forklift Battery Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/forklift-battery-global-market-report>

About The Business Research Company

The Business Research Company has published over 27 industries, spanning over 8000+ markets and 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

Contact Information

The Business Research Company

Europe: +44 207 1930 708

Asia: +91 8897263534

Americas: +1 315 623 0293

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/721484936>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.