

# **DDI Market Report by Component (Solutions, Services), Deployment Mode (On-premises, Cloud-based), Organization Size (Small and Medium-sized Enterprises, Large Enterprises), Application (Network Automation, Virtualization and Cloud, Data Center Transformation, Network Security, and Others), Industry Vertical (BFSI, Telecom and IT, Government and Defense, Healthcare and Life Sciences, Education, Retail, Manufacturing, and Others), and Region 2024-2032**

<https://marketpublishers.com/r/D47A9BC328DEEN.html>

Date: March 2024

Pages: 145

Price: US\$ 3,899.00 (Single User License)

ID: D47A9BC328DEEN

## **Abstracts**

The global DDI market size reached US\$ 2.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 8.8 Billion by 2032, exhibiting a growth rate (CAGR) of 15.1% during 2024-2032.

DDI is the current shorthand for the integration of domain name system (DNS), dynamic host configuration protocol (DHCP), and IP address management (IPAM). It is a unified solution comprising core network services that enable all communications over an internet protocol (IP)-based network. DDI is widely used in network automation, virtualization, cloud services, data center transformation, and network security. It is a vital tool used by enterprises to reduce operational expenditure and simplify management of IP resources by enhancing agility, security, speed, and error-free deployment of IP architecture. As a result, DDI finds extensive applications in the telecommunication, information technology (IT), retail, manufacturing, healthcare, and banking, financial services, and insurance (BFSI) industries.

### DDI Market Trends:

The global market is primarily being driven by the increasing deployment of the Internet of Things (IoT) platforms across organizations to augment their operational and processing capabilities. In line with this, DDI solutions assist in efficiently managing large numbers of IoT devices, frameworks, and IP services, which is acting as another growth-inducing factor. Moreover, the widespread adoption of DDI in large enterprises due to the increasing number of connected devices in workplaces, such as tablets, smartphones, and cameras that require reliable and fast connectivity, is supporting the market growth. Additionally, the integration of artificial intelligence (AI) and machine learning (ML) to develop smart DNS and DHCP solutions in DDI to enhance security, detect patterns, and generate proactive recommendations is providing an impetus to market growth. Moreover, rising demand from the IT and telecommunication industry to safeguard DNS servers from malicious attacks and provide centralized management and control of networks is creating a positive outlook for the market. Other factors, including rising DDI incorporation in the education industry, increasing incidences of cyber-attacks, and widespread adoption of cloud services, are anticipated to drive the market toward growth.

### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global DDI market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on component, deployment mode, organization size, application and industry vertical.

### Breakup by Component:

- Solutions
- Services

### Breakup by Deployment Mode:

- On-premises
- Cloud-based

### Breakup by Organization Size:

- Small and Medium-sized Enterprises
- Large Enterprises

**Breakup by Application:**

Network Automation  
Virtualization and Cloud  
Data Center Transformation  
Network Security  
Others

**Breakup by Industry Vertical:**

BFSI  
Telecom and IT  
Government and Defense  
Healthcare and Life Sciences  
Education  
Retail  
Manufacturing  
Others

**Breakup by Region:**

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ApplianSys Limited, BlueCat Networks Inc., Cisco Systems Inc., EfficientIP, Infoblox Inc., INVETICO, Men&Mice, Nokia Corporation, PC Network Inc., SolarWinds Corporation and TCPWave Inc.

#### Key Questions Answered in This Report

1. What was the size of the global DDI market in 2023?
2. What is the expected growth rate of the global DDI market during 2024-2032?
3. What are the key factors driving the global DDI market?
4. What has been the impact of COVID-19 on the global DDI market?
5. What is the breakup of the global DDI market based on the component?
6. What is the breakup of the global DDI market based on the deployment mode?
7. What is the breakup of the global DDI market based on the organization size?
8. What is the breakup of the global DDI market based on the industry vertical?
9. What are the key regions in the global DDI market?
10. Who are the key players/companies in the global DDI market?

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