

# **Global Intent-Based Networking (IBN) Market Size study & Forecast, by Component (Software, Services, and Networking Hardware), by Deployment Model (Cloud and On-premises), by Industry Vertical (Healthcare, BFSI, IT & Telecom, Manufacturing, Government & Defense, and Others) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Intent-Based Networking (IBN) Market is valued at approximately USD 1.2 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 25 % over the forecast period 2022-2029. Intent-Based Networking (IBN) is a type of network administration that uses machine learning (ML), artificial intelligence (AI), and network orchestration to automate administrative operations throughout a network. IBN aims to simplify the process of developing, managing, and enforcing network policies as well as the human labour involved in conventional configuration management. The increasing expansion of AI and ML technologies and growing investment towards process automation are key factors accelerating the market growth.

The rising expansion of artificial intelligence and machine learning technologies is contributing towards the growth of the Global Intent-Based Networking Market. For instance, according to Statista – in 2019, the global artificial intelligence (AI) software market was valued at USD 14.69 billion, and it is projected to grow to USD 70.94 billion by 2023, and a further USD 126 billion by 2025. Also, growing automation across industries and rising advancements in networking technologies would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of Intent-Based Networking (IBN) solutions and services stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Intent-Based Networking (IBN) Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the dominance of leading market players and increasing automation across different industries in the region. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising industrialization and increasing automation across the manufacturing, Telecom and Banking & financial services industries in the region.

Major market players included in this report are:

A10 Networks Inc.  
Juniper Networks Inc  
Huawei Technologies Co Ltd  
Cerium Networks  
Cisco Systems Inc.  
Indeni Ltd Veriflow Systems  
Anuta Networks  
Apstra Inc.  
Pluribus Networks  
Forward Networks

Recent Developments in the Market:

In October 2019, Finland based Nokia Corporation launched intent-based solution. Moreover, with this new solution Operators would be able to build-integrate-operate software-defined access.

In May 2021, Juniper Networks unveiled version 4.0 of Apstra software, the intent-based networking solution it acquired in early 2021. This new software is designed to enable organizations to minimize the time and costs associated with deploying and managing traditionally complex data centre networks.

Global Intent-Based Networking (IBN) Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Component, Deployment Model, Industry Vertical, Region  
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World  
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

#### By Component

Software

Services

Networking Hardware

#### By Deployment Model

Cloud

On-premises

#### By Industry Vertical

Healthcare

BFSI

IT & Telecom

Manufacturing

Government & Defense

Others

#### 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  
RoLA  
Rest of the World

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