

Global Wide Area Network Optimization Market By Component (Solution and Services), Solution Segment is further bifurcated across Traditional WAN and SD-WAN), By Deployment Type (On-premise and Cloud), By Organization Size (Large Enterprises and Small & Medium Enterprises), By End User (Telecom & IT, Healthcare, Manufacturing, Media & Entertainment, Retail, BFSI and Others), By Region, Industry Analysis and Forecast, 2020 - 2026

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Abstracts

The Global Wide Area Network Optimization Market size is expected to reach \$4.3 billion by 2026, rising at a market growth of 12.3% CAGR during the forecast period. WAN optimization as-a-Service is being rolled out by the suppliers to meet the prerequisites of regularly changing applications over WAN for various organizations. The WAN optimization as-a-Service coordinates multi-tenant, personalized WAN optimization innovation with enterprise-grade connectivity through robust and reliable core networks. The key explanation behind the expanding prevalence of these services is the way that it is a cost-effective choice meeting the necessities of both small organizations and large ventures. The next possibility in this market is the BFSI segment, which has expanded its spending for WAN optimization, and the launch of managed service in this market.

WAN optimization innovation empowers substantial transfer of data across networks without the need of purchasing more bandwidth. This innovation is chiefly used to accomplish projects and new application rollouts. WAN optimization market is progressively experiencing developments because of progress in IT and business

prerequisites of different organizations. Accordingly, these organizations are searching for more adaptable WAN capacities. Wide Area Networking (WAN) or the internet has intensely affected the enterprise market by changing it with different innovations which, as a result, enable safe and fast data transmissions over the network. Therefore, enterprises are focusing on WAN optimization advancements with a target to maintain network infrastructure. This, as a result, targets determining extreme advantages as far as bandwidth optimization, expanded throughput, adaptability, and network acceleration is concerned. The other key characteristics of this innovation incorporate data security, optimization of regulatory compliance, data center combination, transparency of application data flow, and backup infrastructure among others.

In the midst of the COVID-19 pandemic, business organizations are looking for productive approaches to improve their network and mitigate the general reaction time to customers. Therefore, the adoption of WAN optimization software across these ventures has expanded fundamentally. These solutions likewise help ventures in delivering improved network capacity that helps fuel the overall operational proficiency and worker efficiency.

Based on Component, the market is segmented into Solution and Services. Solution Segment is further bifurcated across Traditional WAN and SD-WAN. Based on Deployment Type, the market is segmented into On-premise and Cloud. Based on Organization Size, the market is segmented into Large Enterprises and Small & Medium Enterprises. Based on End User, the market is segmented into Telecom & IT, Healthcare, Manufacturing, Media & Entertainment, Retail, BFSI and Others. Based on Regions, the market is segmented into North America, Europe, Asia Pacific, and Latin America, Middle East & Africa.

The major strategies followed by the market participants are Partnerships. Based on the Analysis presented in the Cardinal matrix; Oracle Corporation, Cisco Systems, Inc., and Huawei Technologies Co., Ltd. are the forerunners in the Wide Area Network Optimization Market. Companies such as Riverbed Technology, Inc., Nokia Corporation, and FatPipe Networks, Inc., Fortinet, Inc., Citrix Systems, Inc., Dell Technologies, Inc., and Sangfor Technologies, Inc. are some of the key innovators in the market.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Oracle Corporation, Huawei Technologies Co., Ltd. (Huawei Investment & Holding Co., Ltd.), Nokia Corporation, Dell Technologies,

Inc. (VMware, Inc.), Fortinet, Inc., Citrix Systems, Inc., Cisco Systems, Inc., Sangfor Technologies, Inc., FatPipe Networks, Inc., and Riverbed Technology, Inc. (Thoma Bravo).

Recent strategies deployed in Wide Area Network Optimization Market

Partnerships, Collaborations, and Agreements:

Sep-2020: Oracle collaborated with Xactly, a leading provider of cloud-based sales performance management software. Following the collaboration, the later company aimed to use Oracle Cloud Infrastructure as its primary cloud provider to run its flagship Incent SaaS application and accelerate its global expansion. Xactly would shift the majority of its business-critical workloads from private cloud to Oracle Cloud Infrastructure for improving elasticity and exceptional price-performance capabilities.

Aug-2020: Mindware would use the proven ROI benefits of WAN optimization and application acceleration technology through a new bundle incorporating industry-leading solutions from Microsoft and Riverbed. By integrating Riverbed SteelHead WAN optimization and Riverbed SaaS Accelerator with Microsoft Azure and Microsoft 365, Mindware would introduce regional enterprises from all industries in the Middle East to a powerful solution architecture that would enable innovators to accelerate their digital transformation journeys.

May-2020: VMware, Inc. collaborated with Microsoft Corporation following which VMware NSX SD-WAN by VeloCloud has been integrated with Microsoft Azure Virtual WAN. This integration helped customers across all industries with business resources in Azure to attain straightforward, automated, and high-performance connectivity to the branch. This offering also expanded customers' existing ability to connect workloads running in Azure using VMware NSX SD-WAN and VMware NSX Data Center and allowed customers to provide pervasive connectivity and built-in security from branch locations to Azure.

May-2020: Fortinet has been selected by Nippon Telegraph and Telephone West Corporation. NTT West aimed to use Fortinet's Secure SD-WAN and SD-Branch solutions as the foundation of its 'FLET'S SDx' subscription service. This service enables centralized management of both WAN and LAN comes with built-in security features enabled by Fortinet's FortiGate Next-Generation Firewall (NGFW) for delivering customers with a flexible, secure network environment that adapts rapidly to change.

May-2020: Citrix Systems teamed up with Check Point Software Technologies, a cybersecurity leader. The companies aimed to enable easy deployment and management of additional next-generation firewalls within Citrix SD-WAN to provide companies with extra layers of security to protect their assets at branches and beyond.

Apr-2020: Cisco extended its partnership with Google following which the companies launched a package that would enable customers to integrate SD-WAN connectivity with applications running in a private data center, Google Cloud, or another cloud or SaaS application. The jointly developed platform, named Cisco SD-WAN Cloud Hub with Google Cloud, integrated Cisco's SD-WAN policy, telemetry, and security-setting capabilities with Google's software-defined backbone to ensure that application service-level agreement, security, and compliance policies are extended across the network.

Feb-2020: FatPipe Networks came into collaboration with Ciena, a telecommunications networking equipment and software services supplier. Under this collaboration, FatPipe announced the availability of FatPipe SD-WAN Multi-Function VNF on Ciena's uCPE platform. Network functions virtualization (NFV) and universal customer premises equipment (uCPE) enabled new service delivery models for service providers and greater flexibility to enterprises. Using Ciena's 3906 platforms, FatPipe's SD-WAN solution allowed enterprises to replace traditional hardware-based appliances with SD-WAN connectivity, advanced firewall/UTM capabilities, and WAN optimization features hosted on a single, reliable, and secure Ciena host platform.

Acquisition and Mergers:

Nov-2018: Oracle took over Talari Networks, a leading provider of Software-Defined Wide Area Network (SD-WAN) technology. The acquisition complemented Oracle Communications' leading Session Border Controller (SBC) and network management infrastructure by adding high availability and Quality-of-Experience (QoE) connectivity and cloud application access across any IP network with the reliability and predictability of private networks.

Dec-2017: VMware acquired VeloCloud, the market leader in cloud-delivered SD-WAN that enables enterprises and service providers to deploy flexible, secure, and WAN connectivity. The acquisition strengthened VMware's position in leading the market transition to a software-defined future and enabled enterprises to bring their businesses into the digital era.

Nov-2017: Riverbed Technology completed the acquisition of Xirrus, the leading provider of next-generation Wi-Fi networks. The acquisition expanded Riverbed's market-leading SD-WAN (software-defined wide area network) and cloud networking solution. The acquisition provided Riverbed with a leading enterprise-grade Wi-Fi solution and enhanced SteelConnect to deliver an unmatched SD-WAN offering.

May-2017: Cisco acquired Viptela, a software-defined wide area network (SD-WAN) specialist. The acquisition enabled the company to provide a comprehensive portfolio of comprehensive on-premises, hybrid, and cloud-based SD-WAN solutions.

Nov-2016: Oracle signed an agreement to acquire Dyn, a company that provides cloud-

based domain name system (DNS) service to customers such as Spotify, Netflix, Twitter, and Pfizer. Dyn's best-in-class DNS solution would extend the Oracle cloud computing platform and provide enterprise customers with a one-stop-shop for Infrastructure-as-a-Service (IaaS) and Platform-as-a-Service (PaaS).

Product Launches and Product Enhancements:

Jul-2020: Huawei introduced a new generation of 5G AR (NetEngine AR Series) enterprise routers. These devices provide powerful 5G uplink capabilities and SD-WAN support across the entire range. It seamlessly meets the needs of the enterprise branch WAN bandwidth explosion.

May-2019: Riverbed introduced Riverbed SaaS Accelerator, a new solution that significantly accelerates the performance of leading SaaS applications. The SaaS Accelerator solution improves user experience and business outcomes. This solution enables companies to directly measure, monitor, and accelerate the performance of SaaS-based enterprise apps.

Apr-2019: Fortinet unveiled the new secure SD-WAN offerings, including the Fortinet SD-WAN ASIC. This solution enabled organizations to implement security-driven networking. Fortinet's SoC4 SD-WAN ASIC allowed organizations to realize security-driven networking whether they have 100 or 10,000 branch offices.

Scope of the Study

Market Segmentation:

By Component

Solution

Traditional WAN

SD-WAN

Services

By Deployment Type

On-premise

Cloud

By Organization Size

Large Enterprises

Small & Medium Enterprises

By End User

Telecom & IT

Healthcare

Manufacturing

Media & Entertainment

Retail

BFSI

Others

By Geography

North America

US

Canada

Mexico

Rest of North America

Europe

Germany

UK

France

Russia

Spain

Italy

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

LAMEA

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

Rest of LAMEA

Companies Profiled

Oracle Corporation

Huawei Technologies Co., Ltd. (Huawei Investment & Holding Co., Ltd.)

Nokia Corporation

Dell Technologies, Inc. (VMware, Inc.)

Fortinet, Inc.

Citrix Systems, Inc.

Cisco Systems, Inc.

Sangfor Technologies, Inc.

FatPipe Networks, Inc.

Riverbed Technology, Inc. (Thoma Bravo)

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Contents

CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
 - 1.4.1 Global Wide Area Network Optimization Market, by Component
 - 1.4.2 Global Wide Area Network Optimization Market, by Deployment Type
 - 1.4.3 Global Wide Area Network Optimization Market, by Organization Size
 - 1.4.4 Global Wide Area Network Optimization Market, by End User
 - 1.4.5 Global Wide Area Network Optimization Market, by Geography
- 1.5 Methodology for the research

CHAPTER 2. MARKET OVERVIEW

- 2.1 Introduction
 - 2.1.1 Overview
 - 2.1.2 Executive Summary
 - 2.1.3 Market Composition and Scenario
- 2.2 Key Factors Impacting the Market
 - 2.2.1 Market Drivers
 - 2.2.2 Market Restraints

CHAPTER 3. COMPETITION ANALYSIS - GLOBAL

- 3.1 KBV Cardinal Matrix
- 3.2 Recent Industry Wide Strategic Developments
 - 3.2.1 Partnerships, Collaborations and Agreements
 - 3.2.2 Product Launches and Product Enhancements
 - 3.2.3 Mergers & Acquisitions
- 3.3 Top Winning Strategies
 - 3.3.1 Key Leading Strategies: Percentage Distribution (2016-2020)
 - 3.3.2 Key Strategic Move: (Partnerships, Collaborations, and Agreements: 2017, Apr – 2020, Sep) Leading Players

CHAPTER 4. GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT

Global Wide Area Network Optimization Market By Component (Solution and Services), Solution Segment is further...

- 4.1 Global Wide Area Network Optimization Solution Market by Region
- 4.2 Global Wide Area Network Optimization Market by Solution Type
 - 4.2.1 Global Wide Area Network Optimization Traditional WAN Market by Region
 - 4.2.2 Global Wide Area Network Optimization SD-WAN Market by Region
- 4.3 Global Wide Area Network Optimization Services Market by Region

CHAPTER 5. GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE

- 5.1 Global On-premise Wide Area Network Optimization Market by Region
- 5.2 Global Cloud Wide Area Network Optimization Market by Region

CHAPTER 6. GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE

- 6.1 Global Large Enterprises Wide Area Network Optimization Market by Region
- 6.2 Global Small & Medium Enterprises Wide Area Network Optimization Market by Region

CHAPTER 7. GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER

- 7.1 Global Telecom & IT Wide Area Network Optimization Market by Region
- 7.2 Global Healthcare Wide Area Network Optimization Market by Region
- 7.3 Global Manufacturing Wide Area Network Optimization Market by Region
- 7.4 Global Media & Entertainment Wide Area Network Optimization Market by Region
- 7.5 Global Retail Wide Area Network Optimization Market by Region
- 7.6 Global BFSI Wide Area Network Optimization Market by Region
- 7.7 Global Others Wide Area Network Optimization Market by Region

CHAPTER 8. GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY REGION

- 8.1 North America Wide Area Network Optimization Market
 - 8.1.1 North America Wide Area Network Optimization Market by Component
 - 8.1.1.1 North America Wide Area Network Optimization Solution Market by Country
 - 8.1.1.2 North America Wide Area Network Optimization Market by Solution Type
 - 8.1.1.2.1 North America Wide Area Network Optimization Traditional WAN Market

by Country

8.1.1.2.2 North America Wide Area Network Optimization SD-WAN Market by

Country

8.1.1.3 North America Wide Area Network Optimization Services Market by Country

8.1.2 North America Wide Area Network Optimization Market by Deployment Type

8.1.2.1 North America On-premise Wide Area Network Optimization Market by

Country

8.1.2.2 North America Cloud Wide Area Network Optimization Market by Country

8.1.3 North America Wide Area Network Optimization Market by Organization Size

8.1.3.1 North America Large Enterprises Wide Area Network Optimization Market by

Country

8.1.3.2 North America Small & Medium Enterprises Wide Area Network Optimization
Market by Country

8.1.4 North America Wide Area Network Optimization Market by End User

8.1.4.1 North America Telecom & IT Wide Area Network Optimization Market by
Country

8.1.4.2 North America Healthcare Wide Area Network Optimization Market by
Country

8.1.4.3 North America Manufacturing Wide Area Network Optimization Market by
Country

8.1.4.4 North America Media & Entertainment Wide Area Network Optimization
Market by Country

8.1.4.5 North America Retail Wide Area Network Optimization Market by Country

8.1.4.6 North America BFSI Wide Area Network Optimization Market by Country

8.1.4.7 North America Others Wide Area Network Optimization Market by Country

8.1.5 North America Wide Area Network Optimization Market by Country

8.1.5.1 US Wide Area Network Optimization Market

8.1.5.1.1 US Wide Area Network Optimization Market by Component

8.1.5.1.2 US Wide Area Network Optimization Market by Deployment Type

8.1.5.1.3 US Wide Area Network Optimization Market by Organization Size

8.1.5.1.4 US Wide Area Network Optimization Market by End User

8.1.5.2 Canada Wide Area Network Optimization Market

8.1.5.2.1 Canada Wide Area Network Optimization Market by Component

8.1.5.2.2 Canada Wide Area Network Optimization Market by Deployment Type

8.1.5.2.3 Canada Wide Area Network Optimization Market by Organization Size

8.1.5.2.4 Canada Wide Area Network Optimization Market by End User

8.1.5.3 Mexico Wide Area Network Optimization Market

8.1.5.3.1 Mexico Wide Area Network Optimization Market by Component

8.1.5.3.2 Mexico Wide Area Network Optimization Market by Deployment Type

- 8.1.5.3.3 Mexico Wide Area Network Optimization Market by Organization Size
- 8.1.5.3.4 Mexico Wide Area Network Optimization Market by End User
- 8.1.5.4 Rest of North America Wide Area Network Optimization Market
 - 8.1.5.4.1 Rest of North America Wide Area Network Optimization Market by Component
 - 8.1.5.4.2 Rest of North America Wide Area Network Optimization Market by Deployment Type
 - 8.1.5.4.3 Rest of North America Wide Area Network Optimization Market by Organization Size
 - 8.1.5.4.4 Rest of North America Wide Area Network Optimization Market by End User
- 8.2 Europe Wide Area Network Optimization Market
 - 8.2.1 Europe Wide Area Network Optimization Market by Component
 - 8.2.1.1 Europe Wide Area Network Optimization Solution Market by Country
 - 8.2.1.2 Europe Wide Area Network Optimization Market by Solution Type
 - 8.2.1.2.1 Europe Wide Area Network Optimization Traditional WAN Market by Country
 - 8.2.1.2.2 Europe Wide Area Network Optimization SD-WAN Market by Country
 - 8.2.1.3 Europe Wide Area Network Optimization Services Market by Country
 - 8.2.2 Europe Wide Area Network Optimization Market by Deployment Type
 - 8.2.2.1 Europe On-premise Wide Area Network Optimization Market by Country
 - 8.2.2.2 Europe Cloud Wide Area Network Optimization Market by Country
 - 8.2.3 Europe Wide Area Network Optimization Market by Organization Size
 - 8.2.3.1 Europe Large Enterprises Wide Area Network Optimization Market by Country
 - 8.2.3.2 Europe Small & Medium Enterprises Wide Area Network Optimization Market by Country
 - 8.2.4 Europe Wide Area Network Optimization Market by End User
 - 8.2.4.1 Europe Telecom & IT Wide Area Network Optimization Market by Country
 - 8.2.4.2 Europe Healthcare Wide Area Network Optimization Market by Country
 - 8.2.4.3 Europe Manufacturing Wide Area Network Optimization Market by Country
 - 8.2.4.4 Europe Media & Entertainment Wide Area Network Optimization Market by Country
 - 8.2.4.5 Europe Retail Wide Area Network Optimization Market by Country
 - 8.2.4.6 Europe BFSI Wide Area Network Optimization Market by Country
 - 8.2.4.7 Europe Others Wide Area Network Optimization Market by Country
 - 8.2.5 Europe Wide Area Network Optimization Market by Country
 - 8.2.5.1 Germany Wide Area Network Optimization Market
 - 8.2.5.1.1 Germany Wide Area Network Optimization Market by Component

- 8.2.5.1.2 Germany Wide Area Network Optimization Market by Deployment Type
- 8.2.5.1.3 Germany Wide Area Network Optimization Market by Organization Size
- 8.2.5.1.4 Germany Wide Area Network Optimization Market by End User
- 8.2.5.2 UK Wide Area Network Optimization Market
 - 8.2.5.2.1 UK Wide Area Network Optimization Market by Component
 - 8.2.5.2.2 UK Wide Area Network Optimization Market by Deployment Type
 - 8.2.5.2.3 UK Wide Area Network Optimization Market by Organization Size
 - 8.2.5.2.4 UK Wide Area Network Optimization Market by End User
- 8.2.5.3 France Wide Area Network Optimization Market
 - 8.2.5.3.1 France Wide Area Network Optimization Market by Component
 - 8.2.5.3.2 France Wide Area Network Optimization Market by Deployment Type
 - 8.2.5.3.3 France Wide Area Network Optimization Market by Organization Size
 - 8.2.5.3.4 France Wide Area Network Optimization Market by End User
- 8.2.5.4 Russia Wide Area Network Optimization Market
 - 8.2.5.4.1 Russia Wide Area Network Optimization Market by Component
 - 8.2.5.4.2 Russia Wide Area Network Optimization Market by Deployment Type
 - 8.2.5.4.3 Russia Wide Area Network Optimization Market by Organization Size
 - 8.2.5.4.4 Russia Wide Area Network Optimization Market by End User
- 8.2.5.5 Spain Wide Area Network Optimization Market
 - 8.2.5.5.1 Spain Wide Area Network Optimization Market by Component
 - 8.2.5.5.2 Spain Wide Area Network Optimization Market by Deployment Type
 - 8.2.5.5.3 Spain Wide Area Network Optimization Market by Organization Size
 - 8.2.5.5.4 Spain Wide Area Network Optimization Market by End User
- 8.2.5.6 Italy Wide Area Network Optimization Market
 - 8.2.5.6.1 Italy Wide Area Network Optimization Market by Component
 - 8.2.5.6.2 Italy Wide Area Network Optimization Market by Deployment Type
 - 8.2.5.6.3 Italy Wide Area Network Optimization Market by Organization Size
 - 8.2.5.6.4 Italy Wide Area Network Optimization Market by End User
- 8.2.5.7 Rest of Europe Wide Area Network Optimization Market
 - 8.2.5.7.1 Rest of Europe Wide Area Network Optimization Market by Component
 - 8.2.5.7.2 Rest of Europe Wide Area Network Optimization Market by Deployment Type
 - 8.2.5.7.3 Rest of Europe Wide Area Network Optimization Market by Organization Size
 - 8.2.5.7.4 Rest of Europe Wide Area Network Optimization Market by End User
- 8.3 Asia Pacific Wide Area Network Optimization Market
 - 8.3.1 Asia Pacific Wide Area Network Optimization Market by Component
 - 8.3.1.1 Asia Pacific Wide Area Network Optimization Solution Market by Country
 - 8.3.1.2 Asia Pacific Wide Area Network Optimization Market by Solution Type

8.3.1.2.1 Asia Pacific Wide Area Network Optimization Traditional WAN Market by Country

8.3.1.2.2 Asia Pacific Wide Area Network Optimization SD-WAN Market by Country

8.3.1.3 Asia Pacific Wide Area Network Optimization Services Market by Country

8.3.2 Asia Pacific Wide Area Network Optimization Market by Deployment Type

8.3.2.1 Asia Pacific On-premise Wide Area Network Optimization Market by Country

8.3.2.2 Asia Pacific Cloud Wide Area Network Optimization Market by Country

8.3.3 Asia Pacific Wide Area Network Optimization Market by Organization Size

8.3.3.1 Asia Pacific Large Enterprises Wide Area Network Optimization Market by Country

8.3.3.2 Asia Pacific Small & Medium Enterprises Wide Area Network Optimization Market by Country

8.3.4 Asia Pacific Wide Area Network Optimization Market by End User

8.3.4.1 Asia Pacific Telecom & IT Wide Area Network Optimization Market by Country

8.3.4.2 Asia Pacific Healthcare Wide Area Network Optimization Market by Country

8.3.4.3 Asia Pacific Manufacturing Wide Area Network Optimization Market by Country

8.3.4.4 Asia Pacific Media & Entertainment Wide Area Network Optimization Market by Country

8.3.4.5 Asia Pacific Retail Wide Area Network Optimization Market by Country

8.3.4.6 Asia Pacific BFSI Wide Area Network Optimization Market by Country

8.3.4.7 Asia Pacific Others Wide Area Network Optimization Market by Country

8.3.5 Asia Pacific Wide Area Network Optimization Market by Country

8.3.5.1 China Wide Area Network Optimization Market

8.3.5.1.1 China Wide Area Network Optimization Market by Component

8.3.5.1.2 China Wide Area Network Optimization Market by Deployment Type

8.3.5.1.3 China Wide Area Network Optimization Market by Organization Size

8.3.5.1.4 China Wide Area Network Optimization Market by End User

8.3.5.2 Japan Wide Area Network Optimization Market

8.3.5.2.1 Japan Wide Area Network Optimization Market by Component

8.3.5.2.2 Japan Wide Area Network Optimization Market by Deployment Type

8.3.5.2.3 Japan Wide Area Network Optimization Market by Organization Size

8.3.5.2.4 Japan Wide Area Network Optimization Market by End User

8.3.5.3 India Wide Area Network Optimization Market

8.3.5.3.1 India Wide Area Network Optimization Market by Component

8.3.5.3.2 India Wide Area Network Optimization Market by Deployment Type

8.3.5.3.3 India Wide Area Network Optimization Market by Organization Size

8.3.5.3.4 India Wide Area Network Optimization Market by End User

- 8.3.5.4 South Korea Wide Area Network Optimization Market
 - 8.3.5.4.1 South Korea Wide Area Network Optimization Market by Component
 - 8.3.5.4.2 South Korea Wide Area Network Optimization Market by Deployment Type
 - 8.3.5.4.3 South Korea Wide Area Network Optimization Market by Organization Size
 - 8.3.5.4.4 South Korea Wide Area Network Optimization Market by End User
- 8.3.5.5 Singapore Wide Area Network Optimization Market
 - 8.3.5.5.1 Singapore Wide Area Network Optimization Market by Component
 - 8.3.5.5.2 Singapore Wide Area Network Optimization Market by Deployment Type
 - 8.3.5.5.3 Singapore Wide Area Network Optimization Market by Organization Size
 - 8.3.5.5.4 Singapore Wide Area Network Optimization Market by End User
- 8.3.5.6 Malaysia Wide Area Network Optimization Market
 - 8.3.5.6.1 Malaysia Wide Area Network Optimization Market by Component
 - 8.3.5.6.2 Malaysia Wide Area Network Optimization Market by Deployment Type
 - 8.3.5.6.3 Malaysia Wide Area Network Optimization Market by Organization Size
 - 8.3.5.6.4 Malaysia Wide Area Network Optimization Market by End User
- 8.3.5.7 Rest of Asia Pacific Wide Area Network Optimization Market
 - 8.3.5.7.1 Rest of Asia Pacific Wide Area Network Optimization Market by Component
 - 8.3.5.7.2 Rest of Asia Pacific Wide Area Network Optimization Market by Deployment Type
 - 8.3.5.7.3 Rest of Asia Pacific Wide Area Network Optimization Market by Organization Size
 - 8.3.5.7.4 Rest of Asia Pacific Wide Area Network Optimization Market by End User
- 8.4 LAMEA Wide Area Network Optimization Market
 - 8.4.1 LAMEA Wide Area Network Optimization Market by Component
 - 8.4.1.1 LAMEA Wide Area Network Optimization Solution Market by Country
 - 8.4.1.2 LAMEA Wide Area Network Optimization Market by Solution Type
 - 8.4.1.2.1 LAMEA Wide Area Network Optimization Traditional WAN Market by Country
 - 8.4.1.2.2 LAMEA Wide Area Network Optimization SD-WAN Market by Country
 - 8.4.1.3 LAMEA Wide Area Network Optimization Services Market by Country
 - 8.4.2 LAMEA Wide Area Network Optimization Market by Deployment Type
 - 8.4.2.1 LAMEA On-premise Wide Area Network Optimization Market by Country
 - 8.4.2.2 LAMEA Cloud Wide Area Network Optimization Market by Country
 - 8.4.3 LAMEA Wide Area Network Optimization Market by Organization Size
 - 8.4.3.1 LAMEA Large Enterprises Wide Area Network Optimization Market by Country
 - 8.4.3.2 LAMEA Small & Medium Enterprises Wide Area Network Optimization Market by Country

8.4.4 LAMEA Wide Area Network Optimization Market by End User

8.4.4.1 LAMEA Telecom & IT Wide Area Network Optimization Market by Country

8.4.4.2 LAMEA Healthcare Wide Area Network Optimization Market by Country

8.4.4.3 LAMEA Manufacturing Wide Area Network Optimization Market by Country

8.4.4.4 LAMEA Media & Entertainment Wide Area Network Optimization Market by Country

8.4.4.5 LAMEA Retail Wide Area Network Optimization Market by Country

8.4.4.6 LAMEA BFSI Wide Area Network Optimization Market by Country

8.4.4.7 LAMEA Others Wide Area Network Optimization Market by Country

8.4.5 LAMEA Wide Area Network Optimization Market by Country

8.4.5.1 Brazil Wide Area Network Optimization Market

8.4.5.1.1 Brazil Wide Area Network Optimization Market by Component

8.4.5.1.2 Brazil Wide Area Network Optimization Market by Deployment Type

8.4.5.1.3 Brazil Wide Area Network Optimization Market by Organization Size

8.4.5.1.4 Brazil Wide Area Network Optimization Market by End User

8.4.5.2 Argentina Wide Area Network Optimization Market

8.4.5.2.1 Argentina Wide Area Network Optimization Market by Component

8.4.5.2.2 Argentina Wide Area Network Optimization Market by Deployment Type

8.4.5.2.3 Argentina Wide Area Network Optimization Market by Organization Size

8.4.5.2.4 Argentina Wide Area Network Optimization Market by End User

8.4.5.3 UAE Wide Area Network Optimization Market

8.4.5.3.1 UAE Wide Area Network Optimization Market by Component

8.4.5.3.2 UAE Wide Area Network Optimization Market by Deployment Type

8.4.5.3.3 UAE Wide Area Network Optimization Market by Organization Size

8.4.5.3.4 UAE Wide Area Network Optimization Market by End User

8.4.5.4 Saudi Arabia Wide Area Network Optimization Market

8.4.5.4.1 Saudi Arabia Wide Area Network Optimization Market by Component

8.4.5.4.2 Saudi Arabia Wide Area Network Optimization Market by Deployment Type

8.4.5.4.3 Saudi Arabia Wide Area Network Optimization Market by Organization Size

8.4.5.4.4 Saudi Arabia Wide Area Network Optimization Market by End User

8.4.5.5 South Africa Wide Area Network Optimization Market

8.4.5.5.1 South Africa Wide Area Network Optimization Market by Component

8.4.5.5.2 South Africa Wide Area Network Optimization Market by Deployment Type

8.4.5.5.3 South Africa Wide Area Network Optimization Market by Organization Size

8.4.5.5.4 South Africa Wide Area Network Optimization Market by End User

8.4.5.6 Nigeria Wide Area Network Optimization Market

8.4.5.6.1 Nigeria Wide Area Network Optimization Market by Component

8.4.5.6.2 Nigeria Wide Area Network Optimization Market by Deployment Type

8.4.5.6.3 Nigeria Wide Area Network Optimization Market by Organization Size

8.4.5.6.4 Nigeria Wide Area Network Optimization Market by End User

8.4.5.7 Rest of LAMEA Wide Area Network Optimization Market

8.4.5.7.1 Rest of LAMEA Wide Area Network Optimization Market by Component

8.4.5.7.2 Rest of LAMEA Wide Area Network Optimization Market by Deployment Type

8.4.5.7.3 Rest of LAMEA Wide Area Network Optimization Market by Organization Size

8.4.5.7.4 Rest of LAMEA Wide Area Network Optimization Market by End User

CHAPTER 9. COMPANY PROFILES

9.1 Oracle Corporation

9.1.1 Company Overview

9.1.2 Financial Analysis

9.1.3 Segmental and Regional Analysis

9.1.4 Research & Development Expense

9.1.5 Recent strategies and developments:

9.1.5.1 Partnerships, Collaborations, and Agreements:

9.1.5.2 Acquisition and Mergers:

9.1.6 SWOT Analysis

9.2 Huawei Technologies Co., Ltd. (Huawei Investment & Holding Co., Ltd.)

9.2.1 Company Overview

9.2.2 Financial Analysis

9.2.3 Segmental and Regional Analysis

9.2.4 Research & Development Expense

9.2.5 Recent strategies and developments:

9.2.5.1 Partnerships, Collaborations, and Agreements:

9.2.5.2 Product Launches and Product Enhancements:

9.3 Nokia Corporation

9.3.1 Company Overview

9.3.2 Financial Analysis

9.3.3 Segmental and Regional Analysis

9.3.4 Research & Development Expense

9.3.5 Recent strategies and developments:

9.3.5.1 Partnerships, Collaborations, and Agreements:

9.3.5.2 Product Launches and Product Enhancements:

9.3.6 SWOT Analysis

9.4 Dell Technologies, Inc. (VMware, Inc.)

9.4.1 Company Overview

9.4.2 Financial Analysis

9.4.3 Segmental and Regional Analysis

9.4.4 Research & Development Expense

9.4.5 Recent strategies and developments:

9.4.5.1 Partnerships, Collaborations, and Agreements:

9.4.5.2 Acquisition and Mergers:

9.4.6 SWOT Analysis:

9.5 Fortinet, Inc.

9.5.1 Company Overview

9.5.2 Financial Analysis

9.5.3 Regional Analysis

9.5.4 Research & Development Expense

9.5.5 Recent strategies and developments:

9.5.5.1 Partnerships, Collaborations, and Agreements:

9.5.5.2 Product Launches and Product Enhancements:

9.6 Citrix Systems, Inc.

9.6.1 Company Overview

9.6.2 Financial Analysis

9.6.3 Regional Analysis

9.6.4 Research & Development Expense

9.6.5 Recent strategies and developments:

9.6.5.1 Partnerships, Collaborations, and Agreements:

9.6.5.2 Product Launches and Product Enhancements:

9.6.6 SWOT Analysis

9.7 Cisco Systems, Inc.

9.7.1 Company Overview

9.7.2 Financial Analysis

9.7.3 Segmental and Regional Analysis

9.7.4 Research & Development Expense

9.7.5 Recent strategies and developments:

9.7.5.1 Partnerships, Collaborations, and Agreements:

9.7.5.2 Acquisition and Mergers:

9.7.6 SWOT Analysis

9.8 Sangfor Technologies, Inc.

9.8.1 Company Overview

9.8.2 Recent strategies and developments:

9.8.2.1 Partnerships, Collaborations, and Agreements:

9.9 FatPipe Networks, Inc.

9.9.1 Company Overview

9.9.2 Recent strategies and developments:

9.9.2.1 Partnerships, Collaborations, and Agreements:

9.9.2.2 Product Launches and Product Enhancements:

9.10. Riverbed Technology, Inc. (Thoma Bravo)

9.10.1 Company Overview

9.10.2 Recent strategies and developments:

9.10.2.1 Partnerships, Collaborations, and Agreements:

9.10.2.2 Acquisition and Mergers:

9.10.2.3 Product Launches and Product Enhancements:

List Of Tables

LIST OF TABLES

TABLE 1 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 2 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 3 PARTNERSHIPS, COLLABORATIONS AND AGREEMENTS– WIDE AREA NETWORK OPTIMIZATION MARKET

TABLE 4 PRODUCT LAUNCHES AND PRODUCT ENHANCEMENTS – WIDE AREA NETWORK OPTIMIZATION MARKET

TABLE 5 MERGERS & ACQUISITIONS – WIDE AREA NETWORK OPTIMIZATION MARKET

TABLE 6 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 7 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 8 GLOBAL WIDE AREA NETWORK OPTIMIZATION SOLUTION MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 9 GLOBAL WIDE AREA NETWORK OPTIMIZATION SOLUTION MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 10 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 11 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 12 GLOBAL WIDE AREA NETWORK OPTIMIZATION TRADITIONAL WAN MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 13 GLOBAL WIDE AREA NETWORK OPTIMIZATION TRADITIONAL WAN MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 14 GLOBAL WIDE AREA NETWORK OPTIMIZATION SD-WAN MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 15 GLOBAL WIDE AREA NETWORK OPTIMIZATION SD-WAN MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 16 GLOBAL WIDE AREA NETWORK OPTIMIZATION SERVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 17 GLOBAL WIDE AREA NETWORK OPTIMIZATION SERVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 18 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY

DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 19 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 20 GLOBAL ON-PREMISE WIDE AREA NETWORK OPTIMIZATION MARKET
BY REGION, 2016 - 2019, USD MILLION

TABLE 21 GLOBAL ON-PREMISE WIDE AREA NETWORK OPTIMIZATION MARKET
BY REGION, 2020 - 2026, USD MILLION

TABLE 22 GLOBAL CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2016 - 2019, USD MILLION

TABLE 23 GLOBAL CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2020 - 2026, USD MILLION

TABLE 24 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 25 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 26 GLOBAL LARGE ENTERPRISES WIDE AREA NETWORK OPTIMIZATION
MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 27 GLOBAL LARGE ENTERPRISES WIDE AREA NETWORK OPTIMIZATION
MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 28 GLOBAL SMALL & MEDIUM ENTERPRISES WIDE AREA NETWORK
OPTIMIZATION MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 29 GLOBAL SMALL & MEDIUM ENTERPRISES WIDE AREA NETWORK
OPTIMIZATION MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 30 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2016 - 2019, USD MILLION

TABLE 31 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2020 - 2026, USD MILLION

TABLE 32 GLOBAL TELECOM & IT WIDE AREA NETWORK OPTIMIZATION
MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 33 GLOBAL TELECOM & IT WIDE AREA NETWORK OPTIMIZATION
MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 34 GLOBAL HEALTHCARE WIDE AREA NETWORK OPTIMIZATION MARKET
BY REGION, 2016 - 2019, USD MILLION

TABLE 35 GLOBAL HEALTHCARE WIDE AREA NETWORK OPTIMIZATION MARKET
BY REGION, 2020 - 2026, USD MILLION

TABLE 36 GLOBAL MANUFACTURING WIDE AREA NETWORK OPTIMIZATION
MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 37 GLOBAL MANUFACTURING WIDE AREA NETWORK OPTIMIZATION
MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 38 GLOBAL MEDIA & ENTERTAINMENT WIDE AREA NETWORK
OPTIMIZATION MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 39 GLOBAL MEDIA & ENTERTAINMENT WIDE AREA NETWORK
OPTIMIZATION MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 40 GLOBAL RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2016 - 2019, USD MILLION

TABLE 41 GLOBAL RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2020 - 2026, USD MILLION

TABLE 42 GLOBAL BFSI WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2016 - 2019, USD MILLION

TABLE 43 GLOBAL BFSI WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2020 - 2026, USD MILLION

TABLE 44 GLOBAL OTHERS WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2016 - 2019, USD MILLION

TABLE 45 GLOBAL OTHERS WIDE AREA NETWORK OPTIMIZATION MARKET BY
REGION, 2020 - 2026, USD MILLION

TABLE 46 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY REGION,
2016 - 2019, USD MILLION

TABLE 47 GLOBAL WIDE AREA NETWORK OPTIMIZATION MARKET BY REGION,
2020 - 2026, USD MILLION

TABLE 48 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET,
2016 - 2019, USD MILLION

TABLE 49 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET,
2020 - 2026, USD MILLION

TABLE 50 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 51 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 52 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION SOLUTION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 53 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION SOLUTION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 54 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 55 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 56 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION TRADITIONAL
WAN MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 57 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION TRADITIONAL

WAN MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 58 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION SD-WAN
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 59 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION SD-WAN
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 60 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION SERVICES
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 61 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION SERVICES
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 62 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 63 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 64 NORTH AMERICA ON-PREMISE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 65 NORTH AMERICA ON-PREMISE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 66 NORTH AMERICA CLOUD WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 67 NORTH AMERICA CLOUD WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 68 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 69 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 70 NORTH AMERICA LARGE ENTERPRISES WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 71 NORTH AMERICA LARGE ENTERPRISES WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 72 NORTH AMERICA SMALL & MEDIUM ENTERPRISES WIDE AREA
NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 73 NORTH AMERICA SMALL & MEDIUM ENTERPRISES WIDE AREA
NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 74 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2016 - 2019, USD MILLION

TABLE 75 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2020 - 2026, USD MILLION

TABLE 76 NORTH AMERICA TELECOM & IT WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 77 NORTH AMERICA TELECOM & IT WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 78 NORTH AMERICA HEALTHCARE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 79 NORTH AMERICA HEALTHCARE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 80 NORTH AMERICA MANUFACTURING WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 81 NORTH AMERICA MANUFACTURING WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 82 NORTH AMERICA MEDIA & ENTERTAINMENT WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 83 NORTH AMERICA MEDIA & ENTERTAINMENT WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 84 NORTH AMERICA RETAIL WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 85 NORTH AMERICA RETAIL WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 86 NORTH AMERICA BFSI WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 87 NORTH AMERICA BFSI WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 88 NORTH AMERICA OTHERS WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 89 NORTH AMERICA OTHERS WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 90 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COUNTRY, 2016 - 2019, USD MILLION

TABLE 91 NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COUNTRY, 2020 - 2026, USD MILLION

TABLE 92 US WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD
MILLION

TABLE 93 US WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD
MILLION

TABLE 94 US WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT,
2016 - 2019, USD MILLION

TABLE 95 US WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT,
2020 - 2026, USD MILLION

TABLE 96 US WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION

TYPE, 2016 - 2019, USD MILLION

TABLE 97 US WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION

TYPE, 2020 - 2026, USD MILLION

TABLE 98 US WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT

TYPE, 2016 - 2019, USD MILLION

TABLE 99 US WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT

TYPE, 2020 - 2026, USD MILLION

TABLE 100 US WIDE AREA NETWORK OPTIMIZATION MARKET BY

ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 101 US WIDE AREA NETWORK OPTIMIZATION MARKET BY

ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 102 US WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER,
2016 - 2019, USD MILLION

TABLE 103 US WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER,
2020 - 2026, USD MILLION

TABLE 104 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 105 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026,
USD MILLION

TABLE 106 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 107 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 108 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 109 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 110 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 111 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 112 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 113 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 114 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2016 - 2019, USD MILLION

TABLE 115 CANADA WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2020 - 2026, USD MILLION

TABLE 116 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 117 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 118 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 119 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 120 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 121 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 122 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 123 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 124 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 125 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 126 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 127 MEXICO WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 128 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 129 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 130 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 131 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 132 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 133 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 134 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 135 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION

MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 136 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION

MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 137 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION

MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 138 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION

MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 139 REST OF NORTH AMERICA WIDE AREA NETWORK OPTIMIZATION

MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 140 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 141 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026,
USD MILLION

TABLE 142 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 143 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 144 EUROPE WIDE AREA NETWORK OPTIMIZATION SOLUTION MARKET
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 145 EUROPE WIDE AREA NETWORK OPTIMIZATION SOLUTION MARKET
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 146 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 147 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 148 EUROPE WIDE AREA NETWORK OPTIMIZATION TRADITIONAL WAN
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 149 EUROPE WIDE AREA NETWORK OPTIMIZATION TRADITIONAL WAN
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 150 EUROPE WIDE AREA NETWORK OPTIMIZATION SD-WAN MARKET BY
COUNTRY, 2016 - 2019, USD MILLION

TABLE 151 EUROPE WIDE AREA NETWORK OPTIMIZATION SD-WAN MARKET BY
COUNTRY, 2020 - 2026, USD MILLION

TABLE 152 EUROPE WIDE AREA NETWORK OPTIMIZATION SERVICES MARKET
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 153 EUROPE WIDE AREA NETWORK OPTIMIZATION SERVICES MARKET
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 154 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 155 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 156 EUROPE ON-PREMISE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 157 EUROPE ON-PREMISE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 158 EUROPE CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 159 EUROPE CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 160 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 161 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 162 EUROPE LARGE ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 163 EUROPE LARGE ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 164 EUROPE SMALL & MEDIUM ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 165 EUROPE SMALL & MEDIUM ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 166 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 167 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 168 EUROPE TELECOM & IT WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 169 EUROPE TELECOM & IT WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 170 EUROPE HEALTHCARE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 171 EUROPE HEALTHCARE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 172 EUROPE MANUFACTURING WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 173 EUROPE MANUFACTURING WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 174 EUROPE MEDIA & ENTERTAINMENT WIDE AREA NETWORK

OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 175 EUROPE MEDIA & ENTERTAINMENT WIDE AREA NETWORK

OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 176 EUROPE RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 177 EUROPE RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 178 EUROPE BFSI WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 179 EUROPE BFSI WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 180 EUROPE OTHERS WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 181 EUROPE OTHERS WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 182 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 183 EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 184 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 185 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 186 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 187 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 188 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 189 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 190 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 191 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 192 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 193 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 194 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 195 GERMANY WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 196 UK WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 197 UK WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 198 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 199 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 200 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 201 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 202 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 203 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 204 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 205 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 206 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 207 UK WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 208 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 209 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 210 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 211 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 212 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 213 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY

SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 214 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 215 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 216 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 217 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 218 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2016 - 2019, USD MILLION

TABLE 219 FRANCE WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2020 - 2026, USD MILLION

TABLE 220 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 221 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026,
USD MILLION

TABLE 222 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 223 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 224 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 225 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 226 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 227 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 228 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 229 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 230 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2016 - 2019, USD MILLION

TABLE 231 RUSSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2020 - 2026, USD MILLION

TABLE 232 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 233 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 234 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 235 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 236 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 237 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 238 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 239 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 240 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 241 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 242 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 243 SPAIN WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 244 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 245 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 246 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 247 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 248 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 249 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 250 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 251 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 252 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY

ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 253 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 254 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER,
2016 - 2019, USD MILLION

TABLE 255 ITALY WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER,
2020 - 2026, USD MILLION

TABLE 256 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET,
2016 - 2019, USD MILLION

TABLE 257 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET,
2020 - 2026, USD MILLION

TABLE 258 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 259 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 260 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 261 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 262 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 263 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 264 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 265 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 266 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2016 - 2019, USD MILLION

TABLE 267 REST OF EUROPE WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2020 - 2026, USD MILLION

TABLE 268 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 -
2019, USD MILLION

TABLE 269 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 -
2026, USD MILLION

TABLE 270 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 271 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 272 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION SOLUTION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 273 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION SOLUTION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 274 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 275 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 276 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION TRADITIONAL
WAN MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 277 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION TRADITIONAL
WAN MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 278 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION SD-WAN
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 279 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION SD-WAN
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 280 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION SERVICES
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 281 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION SERVICES
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 282 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 283 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 284 ASIA PACIFIC ON-PREMISE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 285 ASIA PACIFIC ON-PREMISE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 286 ASIA PACIFIC CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 287 ASIA PACIFIC CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 288 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 289 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 290 ASIA PACIFIC LARGE ENTERPRISES WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 291 ASIA PACIFIC LARGE ENTERPRISES WIDE AREA NETWORK

OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 292 ASIA PACIFIC SMALL & MEDIUM ENTERPRISES WIDE AREA

NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 293 ASIA PACIFIC SMALL & MEDIUM ENTERPRISES WIDE AREA

NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 294 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2016 - 2019, USD MILLION

TABLE 295 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2020 - 2026, USD MILLION

TABLE 296 ASIA PACIFIC TELECOM & IT WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 297 ASIA PACIFIC TELECOM & IT WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 298 ASIA PACIFIC HEALTHCARE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 299 ASIA PACIFIC HEALTHCARE WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 300 ASIA PACIFIC MANUFACTURING WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 301 ASIA PACIFIC MANUFACTURING WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 302 ASIA PACIFIC MEDIA & ENTERTAINMENT WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 303 ASIA PACIFIC MEDIA & ENTERTAINMENT WIDE AREA NETWORK
OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 304 ASIA PACIFIC RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 305 ASIA PACIFIC RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 306 ASIA PACIFIC BFSI WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 307 ASIA PACIFIC BFSI WIDE AREA NETWORK OPTIMIZATION MARKET
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 308 ASIA PACIFIC OTHERS WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 309 ASIA PACIFIC OTHERS WIDE AREA NETWORK OPTIMIZATION
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 310 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY
COUNTRY, 2016 - 2019, USD MILLION

TABLE 311 ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 312 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 313 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 314 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 315 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 316 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 317 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 318 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 319 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 320 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 321 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 322 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 323 CHINA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 324 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 325 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 326 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 327 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 328 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 329 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 330 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY

DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 331 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 332 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 333 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 334 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2016 - 2019, USD MILLION

TABLE 335 JAPAN WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2020 - 2026, USD MILLION

TABLE 336 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 337 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026,
USD MILLION

TABLE 338 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 339 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 340 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION
TYPE, 2016 - 2019, USD MILLION

TABLE 341 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION
TYPE, 2020 - 2026, USD MILLION

TABLE 342 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 343 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 344 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 345 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 346 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER,
2016 - 2019, USD MILLION

TABLE 347 INDIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER,
2020 - 2026, USD MILLION

TABLE 348 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016
- 2019, USD MILLION

TABLE 349 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020
- 2026, USD MILLION

TABLE 350 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 351 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 352 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 353 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 354 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 355 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 356 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 357 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 358 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 359 SOUTH KOREA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 360 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 361 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 362 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 363 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 364 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 365 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 366 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 367 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 368 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 369 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY

ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 370 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 371 SINGAPORE WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 372 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 373 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 374 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 375 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 376 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 377 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 378 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 379 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 380 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 381 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 382 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 383 MALAYSIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 384 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 385 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 386 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 387 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 388 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 389 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION
MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 390 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION
MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 391 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION
MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 392 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION
MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 393 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION
MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 394 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION
MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 395 REST OF ASIA PACIFIC WIDE AREA NETWORK OPTIMIZATION
MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 396 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 397 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026,
USD MILLION

TABLE 398 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 399 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 400 LAMEA WIDE AREA NETWORK OPTIMIZATION SOLUTION MARKET BY
COUNTRY, 2016 - 2019, USD MILLION

TABLE 401 LAMEA WIDE AREA NETWORK OPTIMIZATION SOLUTION MARKET BY
COUNTRY, 2020 - 2026, USD MILLION

TABLE 402 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION
TYPE, 2016 - 2019, USD MILLION

TABLE 403 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION
TYPE, 2020 - 2026, USD MILLION

TABLE 404 LAMEA WIDE AREA NETWORK OPTIMIZATION TRADITIONAL WAN
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 405 LAMEA WIDE AREA NETWORK OPTIMIZATION TRADITIONAL WAN
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 406 LAMEA WIDE AREA NETWORK OPTIMIZATION SD-WAN MARKET BY
COUNTRY, 2016 - 2019, USD MILLION

TABLE 407 LAMEA WIDE AREA NETWORK OPTIMIZATION SD-WAN MARKET BY
COUNTRY, 2020 - 2026, USD MILLION

TABLE 408 LAMEA WIDE AREA NETWORK OPTIMIZATION SERVICES MARKET BY

COUNTRY, 2016 - 2019, USD MILLION

TABLE 409 LAMEA WIDE AREA NETWORK OPTIMIZATION SERVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 410 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 411 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 412 LAMEA ON-PREMISE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 413 LAMEA ON-PREMISE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 414 LAMEA CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 415 LAMEA CLOUD WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 416 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 417 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 418 LAMEA LARGE ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 419 LAMEA LARGE ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 420 LAMEA SMALL & MEDIUM ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 421 LAMEA SMALL & MEDIUM ENTERPRISES WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 422 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 423 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 424 LAMEA TELECOM & IT WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 425 LAMEA TELECOM & IT WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 426 LAMEA HEALTHCARE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 427 LAMEA HEALTHCARE WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 428 LAMEA MANUFACTURING WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 429 LAMEA MANUFACTURING WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 430 LAMEA MEDIA & ENTERTAINMENT WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 431 LAMEA MEDIA & ENTERTAINMENT WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 432 LAMEA RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 433 LAMEA RETAIL WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 434 LAMEA BFSI WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 435 LAMEA BFSI WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 436 LAMEA OTHERS WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 437 LAMEA OTHERS WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 438 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 439 LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 440 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 441 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 442 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 443 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 444 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 445 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 446 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 447 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY

DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 448 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 449 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 450 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2016 - 2019, USD MILLION

TABLE 451 BRAZIL WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2020 - 2026, USD MILLION

TABLE 452 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 -
2019, USD MILLION

TABLE 453 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 -
2026, USD MILLION

TABLE 454 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 455 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 456 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 457 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 458 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 459 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 460 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 461 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 462 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2016 - 2019, USD MILLION

TABLE 463 ARGENTINA WIDE AREA NETWORK OPTIMIZATION MARKET BY END
USER, 2020 - 2026, USD MILLION

TABLE 464 UAE WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 465 UAE WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026,
USD MILLION

TABLE 466 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 467 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 468 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 469 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 470 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 471 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 472 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 473 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 474 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 475 UAE WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 476 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 477 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 478 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 479 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 480 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 481 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 482 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 483 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 484 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 485 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 486 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY

END USER, 2016 - 2019, USD MILLION

TABLE 487 SAUDI ARABIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2020 - 2026, USD MILLION

TABLE 488 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016
- 2019, USD MILLION

TABLE 489 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020
- 2026, USD MILLION

TABLE 490 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 491 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 492 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 493 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 494 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 495 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 496 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 497 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 498 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2016 - 2019, USD MILLION

TABLE 499 SOUTH AFRICA WIDE AREA NETWORK OPTIMIZATION MARKET BY
END USER, 2020 - 2026, USD MILLION

TABLE 500 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019,
USD MILLION

TABLE 501 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026,
USD MILLION

TABLE 502 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2016 - 2019, USD MILLION

TABLE 503 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
COMPONENT, 2020 - 2026, USD MILLION

TABLE 504 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 505 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY
SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 506 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 507 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 508 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 509 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 510 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 511 NIGERIA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 512 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET, 2016 - 2019, USD MILLION

TABLE 513 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET, 2020 - 2026, USD MILLION

TABLE 514 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2016 - 2019, USD MILLION

TABLE 515 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY COMPONENT, 2020 - 2026, USD MILLION

TABLE 516 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2016 - 2019, USD MILLION

TABLE 517 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY SOLUTION TYPE, 2020 - 2026, USD MILLION

TABLE 518 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2016 - 2019, USD MILLION

TABLE 519 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY DEPLOYMENT TYPE, 2020 - 2026, USD MILLION

TABLE 520 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2016 - 2019, USD MILLION

TABLE 521 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY ORGANIZATION SIZE, 2020 - 2026, USD MILLION

TABLE 522 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 523 REST OF LAMEA WIDE AREA NETWORK OPTIMIZATION MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 524 KEY INFORMATION – ORACLE CORPORATION

TABLE 525 KEY INFORMATION – HUAWEI TECHNOLOGIES CO., LTD.

TABLE 526 KEY INFORMATION – NOKIA CORPORATION

TABLE 527 KEY INFORMATION – DELL TECHNOLOGIES, INC.

TABLE 528 KEY INFORMATION – FORTINET, INC.

TABLE 529 KEY INFORMATION – CITRIX SYSTEMS, INC.

TABLE 530 KEY INFORMATION – CISCO SYSTEMS, INC.

TABLE 531 KEY INFORMATION – SANGFOR TECHNOLOGIES, INC.

TABLE 532 KEY INFORMATION – FATPIPE NETWORKS, INC.

TABLE 533 KEY INFORMATION – RIVERBED TECHNOLOGY, INC.

List Of Figures

LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH

FIG 2 KBV CARDINAL MATRIX

FIG 3 KEY LEADING STRATEGIES: PERCENTAGE DISTRIBUTION (2016-2020)

FIG 4 KEY STRATEGIC MOVE: (PARTNERSHIPS, COLLABORATIONS, AND AGREEMENTS: 2017, APR – 2020, SEP) LEADING PLAYERS

FIG 5 RECENT STRATEGIES AND DEVELOPMENTS: ORACLE CORPORATION

FIG 6 SWOT ANALYSIS: ORACLE CORPORATION

FIG 7 RECENT STRATEGIES AND DEVELOPMENTS: HUAWEI TECHNOLOGIES CO., LTD.

FIG 8 RECENT STRATEGIES AND DEVELOPMENTS: NOKIA CORPORATION

FIG 9 SWOT ANALYSIS: NOKIA CORPORATION

FIG 10 RECENT STRATEGIES AND DEVELOPMENTS: DELL TECHNOLOGIES, INC.

FIG 11 SWOT ANALYSIS: DELL TECHNOLOGIES, INC.

FIG 12 RECENT STRATEGIES AND DEVELOPMENTS: FORTINET, INC.

FIG 13 RECENT STRATEGIES AND DEVELOPMENTS: CITRIX SYSTEMS, INC.

FIG 14 SWOT ANALYSIS: CITRIX SYSTEMS, INC.

FIG 15 RECENT STRATEGIES AND DEVELOPMENTS: CISCO SYSTEMS, INC.

FIG 16 SWOT ANALYSIS: CISCO SYSTEMS, INC.

FIG 17 RECENT STRATEGIES AND DEVELOPMENTS: FATPIPE NETWORKS, INC.

FIG 18 RECENT STRATEGIES AND DEVELOPMENTS: RIVERBED TECHNOLOGY, INC.

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