Enterprise Communications Infrastructure

AN IDC CONTINUOUS INTELLIGENCE SERVICE

IDC's *Enterprise Communications Infrastructure* provides reliable worldwide market analysis data and forecasts needed to make business decisions in this evolving market, and it outlines how trends in enterprise networks influence communications, mobility, and the increasing consumption of cloud apps and services. It also analyzes user requirements, technology trends, vendor strategies, and distribution channel activity and provides the industry's most comprehensive worldwide coverage of enterprise networking and communications infrastructure.

Markets and Subjects Analyzed

- Ethernet switches: Speed (GbE, 10GbE, and 25/40/50/100GbE+)
- Routers: Small office/home office (SOHO), access/branch, core, and multifunction WAN gateways
- Wireless LANs: Access devices; access points (dependent and independent); controllers, switches, and appliances; and the impact of emerging trends such as mobility, location services, and IoT
- Cloud-managed networking (Wi-Fi, Ethernet switch, SD-WAN, etc.)
- SD-WAN infrastructure and the emergence of SD-Branch architectures that integrate management of edge networking functionality
- Impact of cloud delivery models and applications on the enterprise network, including the drive toward SDN
- Network performance monitoring and management tools, including analytics and automation platforms
- Convergence trends: Voice, IP telephony, unified wired and wireless, session border controllers (SBCs), browsers, and WebRTC
- Market-leading enterprise networking equipment suppliers and promising start-ups
- Videoconferencing and telepresence, video content, and delivery infrastructure

Core Research

- Worldwide Wireless LAN Market Share, Forecast, and Analysis
- Worldwide Ethernet Switch Market Share, Forecast, and Analysis
- Worldwide SD-WAN Infrastructure Market Share, Forecast, and Analysis
- Worldwide IP PBX and IP Phone Forecast and Analysis
- Worldwide Enterprise Videoconferencing and Telepresence Equipment Forecast and Analysis
- Impact of COVID-19 on Enterprise Networking Technology Markets
- IDC Enterprise Networking Predictions
- IDC PlanScape: SD-WAN for Unified Communications
- Worldwide Enterprise Network Forecast and Analysis
- Worldwide Network Performance Management Market Shares, Forecast, and Analysis
- U.S. Enterprise Communications Survey: Videoconferencing

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: Enterprise Communications Infrastructure.

Key Questions Answered

1. Which networking equipment markets and sectors are growing the fastest? Which will have the greatest future growth, and why?
2. What is the impact of technologies such as wireless LANs, SD-WANs, voice/data convergence, video, Internet of Things, and software as a service on purchases?
3. How will the introduction of software-defined and cloud-managed IT architectures in building network infrastructure change this market?
4. How do merger, acquisition, and partnership actions affect the competitive landscape?
5. How well are established and start-up suppliers positioned to increase market share?
6. How will machine learning and AI technologies be integrated into enterprise network management products?
7. What impact will the emergence of 5G have on enterprise networks?

Companies Analyzed

IDC's *Enterprise Communications Infrastructure* service examines how major and emerging suppliers in the enterprise networking equipment market are positioning themselves to compete. This service reviews the strategies, market positioning, and future direction of several providers in the enterprise network market, including:

128 Technology, ADTRAN, Aerohive, Alcatel-Lucent Enterprise, Allied Telesis, APCON, Arista, ARRIS, Aruba Networks, Aryaka, Atos, Avaya, BlueCat, CA Technologies, BT Diamond, Cambium Networks, Cisco Systems, Citrix, CloudGenix, CommScope, Cradlepoint, Cybera, Dell EMC, Digium, D-Link, EfficientIP, Emulex, EnGenius, Ericsson, Extreme Networks, Firetide, Fortinet, Fortress, Fujitsu, Genesys, Gigamon, Google, H3C, Hewlett Packard Enterprise, Hitachi, Huawei, IBM, Infoblox, Intel, Ixia, Juniper Networks, Lifesize, LiteScape, Logitech, LSI, Marvell, Melco, Mellanox, Men&Mice, Microsemi, Microsoft, Mist Systems, Mitel, Mitsubishi Electric, NEC, NETERGY, NETGEAR, NETSCOUT, Nokia, NVIDIA, Odin Technologies, OneAccess, OnRelay, Oracle, Palo Alto Networks, Pexip, Polycom, Proxim, Qualcomm, Radware, Relay2, Ribbon Communications, Riverbed, Ruckus Networks, Ruijie, Samsung, SevOne, Silver Peak, SMC, SolarWinds, StarLeaf, Strix Systems, Talari, TELoIP, ThingMagic, Thomas, TP-Link, Ubiquiti, Unify, Vbrick, Versa, VIAVI, Vidyo, VeloCloud, VMware, and Zyxel.