

Network Infrastructure Solutions

Network infrastructure is made up of physical hardware and structured cabling that enables network connectivity, internet of things (IoT) integration, communication, operations and management of an enterprise network. It provides the communications pathways, spaces and transmission links between users, processes, applications and services.

This infrastructure creates an interconnected, converged building system supporting multiple subsystems and technology applications for internal and external communications.

Network Infrastructure Components

- Copper cabling and connectivity
- Fibre optic cabling and connectivity
- Racks and enclosures
- Tools, tests and installation
- Cable management and pathways
- Power and thermal management
- Wireless networks

Supplier Partners

Wesco Anixter's supplier partners provide solutions designed to connect the world's most important network systems.



Ingenuity delivered.



Wesco Anixter's Innovation Centers

Our commitment to technology is exemplified not only by our state-of-the-art Innovation Center in Illinois, USA, but also by our Solutions Briefing Centre in central London. This regional technical facility gives Wesco Anixter a place to share our industry knowledge and demonstrate the latest technologies from world-class vendors. Our experienced technical specialists are ready to listen to your needs, answer questions and offer expert advice when you need to position available technologies and possible solutions for your customers' key decision makers.

Cabling

- Cable assemblies
- Coaxial cable
- Copper UTP/STP cable
- Fibre optic cable
- Power over Ethernet (PoE)
- Sound and security cable

Connectivity

- Adapters
- Cassettes
- Connectors
- Faceplates
- Field terminated connectors
- Patch cords
- Patch panels and pigtails
- Pre-terminated assemblies
- Software
- Termination tools
- Wall mounts

Cabling Management and Routing

- Cable and conduit fasteners
- Conduit boxes, covers, fittings and accessories
- Fibre runway
- Innerduct
- Ladder rack
- Raceway
- Strut
- Trough
- Tubing
- Wire basket
- Wiring duct

Power and Thermal Management

- Uninterruptible power supply (UPS) systems
- Rack/Floor PDUs
- Busway
- Rack-mount transfer switches
- Rectifiers
- Surge protection
- Line/power conditioners
- Configured power solutions
- Power cords
- Thermal management
 - CRAC units
 - Spot cooling
 - Aisle containment
 - Airflow bafflers
 - Floor tiles
- Environmental monitoring
 - Environment MNTR devices
 - Sensors
 - Retrofit power monitoring
- Software and services
 - Data centre infrastructure management
 - Point tools
 - Data centre management

Networking

- LAN (including industrial)
 - Switches
 - Media converters
 - Gateways
 - Firewalls
 - Routers
 - Repeaters
- LAN
 - Hubs
 - Modem
 - Bridges
 - Transceivers
 - SFP
 - Network interface cards (NIC)
 - Adapters
 - Interconnect device (direct attach/active optical cables)
 - Server
 - KVM
 - RFID (barcode scanners)
- WAN
 - Routers
 - Modems
 - CSU/DSU
 - Multiplexer
 - FTTx
- Racks and Enclosures
 - Racks
 - Frames
 - Cabinets
 - Zone cable enclosures
 - Wireless enclosures
 - DVR enclosures
 - Accessories
 - Cable managers
 - Panels (top, bottom, side)
 - Filler/blanking panels
 - Cabinet airflow
 - Cabinet heating/cooling
 - Shelves and drawers
 - Doors
 - Mounting rails and hardware
 - Lighting
 - Locks
 - PDU mounting brackets

Wireless

- Broadband and microwave
 - Point-to-point
 - Point-to-multipoint
 - Licenses
 - Radios
- Cabling and connectors
- Distributed antenna systems (DAS)
 - Antennas
 - Coax and connectors
 - Couplers and splitters
 - Fibre
 - Head end
 - Remotes
 - Repeaters/BDAs
- Outdoor macro
 - Base station antenna
 - Hybrid cables
 - Site hardware
 - Towers
- Small cell
 - Access points
 - Accessories
 - Category cable
 - Controllers
 - Software
- Private LTE/CBRS
- Wi-Fi
 - Access points
 - Category cable
 - Controllers
 - Mounts and enclosures

To learn more about our network infrastructure solutions, visit Wesco.com/networks.