


NETWORK INFRASTRUCTURE PRODUCTS

Executing on the vision of the Application Fluent Network delivering a high-quality user experience



OmniSwitch 6850E



OmniSwitch™ 6850E48X


OmniSwitch™ 6850EU24X

- Stackable GigE LAN switch
- 24-port and 48-port models with up to four 10GigE uplinks
- Standard, PoE+ and fiber optic versions, optional backup power
- Advanced L3 routing, remote stacking up to 10 km
- Access Guardian
- Metro Ethernet features in all models

Typical deployment

- Access switch in converged network
- Distribution switch in converged network
- CPE for managed Ethernet services
- Top of Rack switch in data centers

OmniSwitch 6450



OmniSwitch™ 6450-10


OmniSwitch™ 6450-48

- 10-port, 24-port, and 48-port models
- Standard, PoE+ and fiber optic versions, optional backup power
- Fanless models, for example, 10-port PoE model
- Soft upgrade 1GigE to 10GigE uplinks
- Soft upgrade Fast Ethernet to GigE
- Basic L3 routing, Access Guardian
- Metro Ethernet features license for all models

Typical deployment

- Classroom and small business switch
- Access switch in converged network
- CPE in managed Ethernet services

Dual Radio Access Point



QAW-AP105

- IEEE 802.11n (including 802.11a, b/g)
- Concurrent support for 2.4 GHz and 5 GHz
- Managed by wireless LAN switch
- Adaptive Radio Management (ARM)
- Integrated wireless security
- Integrated spectrum analyzer
- Models with internal and external antennas

Typical deployment

- AP 104/105 high client density
- AP 120/121 low client density, above ceiling mount
- AP 124/125 high client density, above ceiling mount
- AP 134/135 maximum client density, highest bandwidth

Single Radio Access Point




QAW-AP68

- IEEE 802.11n (including 802.11a, b/g)
- Support for 2.4 GHz and 5 GHz
- Managed by wireless LAN switch
- Adaptive Radio Management
- Integrated wireless security
- Integrated spectrum analyzer
- Models with internal and external antennas

Typical deployment

- AP 92/93 low client density
- AP 68 low client density, limited range

Remote Access Point



QAW-RAP2

- IEEE 802.11n or 802.11a, b/g
- Support for 2.4 GHz or 5 GHz
- Managed by wireless LAN switch
- Access control and encryption to central resources
- Models with radio and/or Ethernet ports for local connectivity

Typical deployment

- Embedded VPN connection over Internet
- Home worker
- Small branch offices

Instant Access Point




QAW-IAP93

- IEEE 802.11n (including 802.11a, b/g)
- Support for 2.4 GHz and 5 GHz
- No wireless LAN switch required
- Adaptive Radio Management
- Integrated wireless security
- Integrated spectrum analyzer
- Models with internal and external antennas

Typical deployment

- Up to 16 access points per wireless LAN
- IAP 92/93 low client density
- IAP 105 high client density
- IAP 134/135 maximum client density, highest bandwidth

OmniSwitch 10K




OmniSwitch™ 10K

- Chassis-based LAN switch
- 5.12 Tb/s current switching capacity
- Redundant power, management and switch fabric
- GigE, 10GigE and 40GigE line cards
- Front to back cooling
- Virtual chassis
- Advanced L3 routing, MPLS ready
- Shortest Path Bridging, Lossless Ethernet, Edge Virtual Bridging

Typical deployment

- Core switch in converged networks
- Core switch in data centers




OS10K-CMM
(Chassis Management Module)



OS10K-CFM
(Chassis Fabric Module)





OS10K-XNI-U32
(32-port 10GigE module)



OS10K-GNI-U48E
(48-port GigE module)

OmniSwitch™ 9000E



OmniSwitch™ 9000E




OmniSwitch™ 9700E

- Chassis-based LAN switch
- 8-slot and 16-slot models
- 768 Gb/s switching capacity
- Redundant power, management and switch fabric
- GigE, GigE PoE+, and 10GigE line cards
- Advanced L3 routing and MPLS support
- Access Guardian support

Typical deployment

- Core switch in converged networks
- Access switch in converged networks

OmniSwitch 6900



OmniSwitch™ 6900-X40


OmniSwitch™ 6900-X20

OmniSwitch 6900-X20 Rear

- Stackable 10GigE LAN switch
- 1.28 Tb/s switching capacity
- Sub-microsecond latency
- Front to back and back to front cooling
- 20-port and 40-port models with expansion slots
- 10GigE and 40GigE expansion modules
- Virtual chassis
- Advanced L3 routing
- SPB, Lossless Ethernet, Edge Virtual Bridging

Typical deployment

- Core switch in converged networks
- Distribution switch in converged networks
- Top of Rack switch in data centers



OS-XNI-U12
12-port SFP+ module



OS-XNI-U4
4-port 40GigE module

Converged Networks

The Alcatel-Lucent Enterprise Application Fluent Network approach for enterprise networks is a complete converged network solution.

Market leading

- Resiliency
- Switching capacity
- Intelligent access control
- Low power consumption

This unique solution extends the reach of the corporate network with an innovative, simplified, and virtualized architecture that supports a range of converged network infrastructure architectures, including small to large single site, multi-site as well as global offerings.

Data Center Switching

The Alcatel-Lucent Enterprise Application Fluent Network approach for data centers is a comprehensive Data Center Switching solution.

Market leading

- Scaling from dozens to over 10,000 server ports
- Aggregates latency within 5 microseconds at 1.8 x oversubscription
- Virtualization agnostic machine movement with Virtual Network Profile (VNP)

Alcatel-Lucent assures interoperability with mainstream storage and virtualization vendors such as VMware and Emulex through extensive interoperability testing. This unique solution enables any size of enterprise to deploy their own affordable data center fabric.

OmniAccess™ WLAN 6000





OmniAccess™ WLAN 6000

- Chassis-based wireless LAN switch
- 4-slot model
- GigE and 10GigE ports
- Controls 1000s of wireless access points
- Redundant power and control
- Integrated firewall
- Integrated management
- Voice over WLAN support (SIP and NOE)

Typical deployment

- Large enterprises
- Large campuses

OmniAccess™ WLAN 4000



OmniAccess™ WLAN 4306

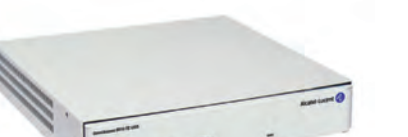
OmniAccess™ WLAN 4504

- Standalone wireless LAN switch
- Various models control from 8 to 128 wireless access points
- Redundant control by grouping switches
- Integrated firewall
- Integrated management
- Voice over WLAN support (SIP and NOE)

Typical deployment

- Medium-sized enterprises
- Schools
- Branch offices

OmniAccess WAN 5510



OmniAccess™ WAN 5510



OmniAccess WAN 5510 Unified Services Gateway (USG)

- Fixed form factor, feature-rich Unified Services Gateway
- Various models with T1/E1, serial, ADSL and Ethernet uplink
- Fast Ethernet access ports
- Integrated firewall and VPN support
- Integrated management

Typical deployment

- Small and medium-sized businesses
- Managed services
- Branch offices

7750 Service Router



7750-SR7



7750-SR-C12

- Chassis-based MPLS router
- 7-slot and 12-slot MDA models
- 4-slot and 12-slot CMA models
- Line cards up to 100GigE
- Line cards with SDH interfaces
- Line cards with classical WAN interfaces
- MPLS, VPLS, VPRN, VLL, PBB, Hierarchical QoS

Typical deployment

- Private WAN for large enterprises
- Data center interconnect

7705 Service Aggregation Router



7705-SAR-8

7705-SAR-M

- Chassis-based and fixed configuration router
- Fixed, 1-module, 8-slot, and 18-slot models
- Line cards up to 10GigE
- Line cards with T1/E1 and SDH/SONET interfaces
- Line cards with legacy voice and data interfaces
- Line cards for CWDM QADM
- MPLS, VPLS, VPRN, pseudowires, Hierarchical QoS

Typical deployment

- Private WAN for large enterprises
- Legacy and TDM services over IP/Ethernet WAN

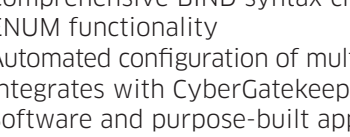




8950 AAA



8950 AAA

- Comprehensive Authentication, Authorization and Accounting (AAA)
- Support for WLAN, Wi-Fi* and VoIP networks
- Pre integration with the InfoExpress CyberGatekeeper* and OmniSwitch products
- Reduction of OPEX through an excellent GUI for end-user management and troubleshooting

Management Systems



OmniVista™ 2500 Network Management System (NMS)

- Network management system
- Configures, monitors, and troubleshoots networks
- Network-wide bulk configuration and firmware management
- OneTouch administration for QoS and NAC policies
- Simplified OmniSwitch™ Access Guardian management
- Automated quarantine management for improved security

OmniVista™ 2500 Virtual Machine Manager (VMM)

- Optional module for OmniVista 2500 NMS focusing on data center operations
- Provisions data center infrastructure to assist virtual machines deployment
- Enables automated moves for virtual machines in the data center
- Tracks virtual machine location and monitors their connections with physical network infrastructure from a single pane of view
- Interfaces with VMware hypervisor for further automation

OmniVista™ 3600 Air Manager (AM)

- Wireless network management system
- Centralized visibility and control over wireless networks
- Real-time user and device monitoring
- Centralized configuration
- User, session and device monitoring
- Real-time location tracking information
- RF planning with VisualRF module

5620 Service Aware Manager (SAM)

- Element, network and service management system
- Visualization of physical, MPLS, service topology and status
- Accelerated and reliable provisioning
- Comprehensive monitoring, troubleshooting and root-cause analysis
- Performance management and SLA assurance capabilities
- Integration with 5650 Control Plane Assurance Manager (CPAM)

VitalSuite®

- Web2.0 dynamic GUI interface with simple to use workflow
- Network and applications performance management system
- Multivendor, multi-tenant and multi-technology with IPv4/IPv6 support
- Monitors end-user applications
- Monitors network infrastructure services
- Monitors telephony systems, contact centers, and virtualization environments
- Centralized view with advanced thresholding
- Extensive reporting capabilities

VitalQIP®

- DNS/DHCP IP management system
- Scales to 100,000s of managed addresses
- Comprehensive BIND syntax check
- ENUM functionality
- Automated configuration of multivendor DNS/DHCP managers
- Integrates with CyberGatekeeper
- Software and purpose-built appliance versions
- Software appliance for virtual environment version

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