



DIGITAL AGE NETWORKING PRODUCTS







SIMPLE SECURE CLOUD-BASED NETWORK MANAGEMENT SERVICE

management solution to manage and monitor Alcatel-Luce Enterprise switches and Alcatel-Lucent OmniAccess® Stellar access point infrastructure. Cirrus offers unified advanced policy capabi for guest access and BYOD as well as advanced analytics.



NETWORK MANAGEMENT SOLUTION FOR CAMPUS MOBILE

OmniVista 2500 NMS offers network-wide unified-acc management solution for Alcatel-Lucent Enterprise campus mo portfolio with a comprehensive set of tools to deploy wired and wireless services like BYOD and Guest Access. It includes services



PROACTIVE LIFECYCLE MANAGEMENT: NO SURPRISES IN YOUR INSTALLED BASE

Don't be surprised the last minute. PALM tells you everything about entitled for support, under warranty, time to update firmware a time to replace. Of course PALM includes scheduled reporting, an you can even request a quote for support renewal.



NETWORK ON DEMAND: IF YOU WANT A NEW NETWORK WITHOUT SPENDING YOUR CASH AT ONCE If you don't want to sper cash at once, then purchase your network infrastructure as service NoD contains a comprehensive set of network equipment. NoD offers periodic payment and flexible conditions. All equipment in NoD subscription is covered by support services as well as advanced replacement. To properly operate the network, O Cirrus is included at no additional charge.



HIGH ACCURACY, LOW LATENCY LOCATION SERVICES

Best in Class Location algorithm uses all smartphone sensors to provides Indoor way-finding, Geo-Notification and Location Analytics which enables enterprises to improve end user experience by providing customized and individualized service while improving enterprise ROI.



HIGH PERFORMANCE WI-FI WITH CENTRALIZED CONTROL Indoor 802.11ac Wave 1 dual radio 2x2 2.4/5GHz, ideal for medium to small enterprises, delivering optimal performance for simple, secure and scalable WLAN.



HIGH PERFORMANCE WI-FI WITH CENTRALIZED CONTROL Indoor 802.11ac Wave 2 dual radio 2x2 2.4/5GHz including BLE, ideal for enterprises of all sizes, enabling IoT networking and delivering high performance for simple, secure and scalable WLAN



HIGH PERFORMANCE WI-FI WITH CENTRALIZED CONTROL Indoor 802.11ac Wave 2 dual radio 4x4 2.4/5GHz, ideal for enterprises of all sizes, enabling IoT networking and delivering high performance for simple, secure and scalable WLAN.



HIGH PERFORMANCE WI-FI WITH CENTRALIZED CONTROL Indoor 802.11ac Wave 2 tri radio 4x4 2.4/ dual 5GHz including BLE, ideal for enterprises of all sizes, enabling IoT networking and delivering high performance and density for simple, secure and



HIGH PERFORMANCE WI-FI WITH CENTRALIZED CONTROL Outdoor 802.11ac Wave 2 dual radio 2x2 2.4/5GHz including IoT user port, ideal for enterprises of all sizes, enabling IoT networking and delivering high performance for simple, secure



HIGH PERFORMANCE WI-FI WITH CENTRALIZED CONTROL Indoor 802.11ac Wave 2 dual radio 2x2 2.4/5GHz including IoT user ports with PoE PSE, ideal in-room AP for various enterprises, enabling IoT networking and delivering high performance for simple, secure and scalable WLAN.



COST EFFECTIVE 8/24/48 PORTS WEBSMART GIGABIT ETHERNET

- e of 8-, 24- and 48-port, Power over Ethernet (PoE+) and n-PoE models and fixed SFP Gigabit uplinks
- plified web-based management
- vanced security (ACLs, 802.1x, RADIUS)



ADVANCED LAYER2 PLUS 10/24/48 PORTS 1GBPS ACCESS

- 10 ports with PoE+ and 2 Fiber-SFP ports
- 24/48 port stackable models (PoE+.non-PoE) with 4 SFP
- Layer 2 plus with Static IPv4/v6 routing IoT containment with UNP and advanced VLAN



DVANCED LAYER 2 PLUS, 1GIGE SWITCH AND 2X10GBPS UPLINK PORTS FOR CAMPUS AND METRO NETWORKING

- Advanced stacking with up to 10km remote stacking
- IoT containment with UNP and advanced access security L2 plus with basic L3 IPv4/v6 routing and SDN programmability



COST EFFECTIVE IOT L2+ 1GIGE, UP TO 24X1/2.5GBPS, 4X10GBPS

er PoE up to 95W/port and Modular Power Supply 2x20Gbps stacking ports • Unified Networking with specific Stellar VLAN features, User/devices fingerprinting and context based ccess policy • Integrated Intelligent Fabric and automatic VLAN



DVANCED 1GIGE SWITCH WITH UP TO 8X1/2.5GBPS PORTS AND UP TO 160GBPS UPLINK/STACKING FOR CAMPUS AND DC NETWORKING

User/devices context based access policy with fingerprinting Virtual Chassis, advanced stacking and routing: VRF, Multicast, IPv4/v6 • IoT inment with UNP, SPB, automatic VLAN, Intelligent Fabric • Smart alytics with dedicated CPU for DPI based on 2000 preloaded



COMPREHENSIVE WIFI SOLUTION WITH CENTRALIZED CONTROLLER ghly Scalable, High available WLAN with 11ax, 11ac Wave2 Indoor, Outdoor and hardened Access Points, Full range of Virtual and Hardware Controllers, OV3600 provides Centralized multi-vendor nanagement and ClearPass offering Best in Class NAC.



HIGH PERFORMANCE SWITCH FOR CORE CAMPUS AND DC

 Choice of 1U switch with up to 104x10Gbps and 32x40Gbps ports. • ISSU, Virtual Chassis, advanced routing: SPB, VRF, Multicast, IPv4/v6 • Programmability: SDN, Python, RESTful API, OpenStack • Secure IoT networking with Access Guardian, Code Guardian, EAL-2/NDcPP, FIPS 140-2, JTIC HIGHT DENSITY CHASSIS FOR CORE CAMPUS AND DC NETWORKS High density of 1/10/40Gbps ports, up to 10800W of POE budget

Build a core network and DC Fabric at 25G/40G/50G/100Gbps Virtual Chassis, SPB, UNP, advanced routing: VRF, Multicast, IPv4/v6 Programmability: SDN, Python, RESTful API, OpenStack • Secure IoT etworking with Access Guardian, Code Guardian, MACsec encryption EAL-2/NDcPP, FIPS 140-2, JTIC

print man man time



RUGGEDIZED, FULLY MANAGEABLE AND SCALABLE GIGABIT ETHERNET SWITCH

• Capable of supporting third party supplies and High PoE that can reach up to 60W • Scalable & clear architecture which allows you to stack up to 4 switches in Virtual Chasis • Encrypted communication with MACsec support to guarantee security Enterprise-grade Network Management System



ADVANCED RUGGEDIZED 1GIGE SWITCH FOR HARSH ENVIRONMENTS

 Ideal for mission critical networks: ERP, SPB, Virtual Chassis, advanced stacking and routing: VRF, Multicast, IPv4/v6 • Advanced L3 switch with 16x1Gbps, 12/28xFiber-SFP, high PoE (75w) ports, Operates from -40°to +75° • IoT containment with UNP, automatic VLAN, Intelligent Fabric • Secure IoT networking with Access Guardian, Code Guardian, EAL-2/NDcPP, FIPS 140-2, JTIC



SMB AND TRANSPORTATION ALL-IN-ONE ROUTERS

• 5710/20 Small fixed and 5840/50 Modular Office routers Teldat-H2 Automotive+/H2-Rail Transportation ruggedized • LAN/WAN/WiFi/LTE, IPSec, Load balancer, Cloud optimization, Linux App server



7750 SERVICE ROUTER (SR) High-performance IP routing for enterprise WANs. 7250 INTERCONNECT ROUTER (IXR) Dense aggregation and interconnect as well as optimized datacenters. 7210 SERVICE ACCESS SWITCH (SAS) Extension of IP/MPLS and Carrier Ethernet throughout your metro access network. 7705 SERVICE AGGREGATION ROUTERS (SAR) Service adaptation, aggregation, and routing. NETWORK FUNCTION MANAGER (NFM-P) provides comprehensive IP infrastructure management for configuration, provisioning, assurance

and mediation of IP network devices, domains and services.



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COLOR LEGEND

Rainbow Cloud Services



RAINBOW UCaaS

www.openrainbow.com



Agile Mobility: PC/MAC/Web/Smartphone

- Enterprise chat, audio/video calls
- One number service with business phone (requires WebRTC Gateway and Business plan)



Borderless Collaboration: Bubbles: permanent chat groups including file/screen

- sharing Conferencing: dial-in and dial-out with any
- phone/one-number Instant multi-party with audio/video/sharing (Enterprise)
- Invite guests to join without Rainbow account



Connected Workplace: PBX-connected: OmniPCX Enterprise/ OXO

- Connect/Evolution, third party PBX vendors
- Phone companion: broker call, call transfer, voicemail (Business, Enterprise)
- WebRTC Gateway with PBX
- MS Skype connector



Enterprise Grade: • MS Office 365 Directory (Enterprise)

- Dashboard analytics (Business, Enterprise)
- Domain name/logo management (Business, Enterprise) Conference option (price per minute/connexion) • IT admin accounts
- Invite Google/MS 0365 contacts
- Secure: regional datacenters, data privacy, certified



Create your free account

Rainbow Services Plans:

- Essential (free of charge)
- Business and Enterprise (fee/user/month)
- Enterprise Conference (fee/user/month)

RAINBOW CPaaS https://hub.openrainbow.com/

Communications Platform as a Service

Deliver new services for employees and customers from within the organization's business processes/applications.

- Integration at service level (APIs)
- Integration at client applications level (SDK)
- Integration with AI, BoTs, natural language, analytics
- Integrations for verticals
- Developers journey: support from a community and resources to deploy dedicated APIs



Connected platforms







OXO Connect Evolution

CONNECTED PLATFORMS

- OmniPCX Enterprise Communication Server

- OpenTouch Session Border Controller

Wireless LAN

handsets

IP Premium Security Modules

- Compact, Small, Medium, Large models
- OXO Connect Evolution

OpenTouch Suite applications





MLE UNIFIED COMMUNICATIONS

OpenTouch Conversation • Click to call, call pop-up, chat employees and guests • Windows and MAC computers, access. OpenTouch Multimedia Services • On-premise UC sign. 4645 Voice Messaging System • Integrated voicem OpenTouch Message Center • Scalable centralized voicema **OpenTouch Fax Center** • Centralized fax management.

SMB UNIFIED COMMUNICATIONS

integration • Click-to-call, screen pop, call presence, call (req. WebRTC Gw). OpenTouch Conversation • Android: Voll PIMphony • Basic, Pro/Touch, Team, Attendant • Personal Communication Manager. MANAGEMENT • OmniVista 8770 NMS Modular network

Customer interactions



MLE ATTENDANT CONSOLES 4059 Extended Edition Attendant

SMB WELCOME AND GREETING

Call Center Office • Company greeting, distribution, OXO Connect built-in applications

- Greeting message Personal assistant Automated

8029s

8019s

Call Center Office

8039s

MLE CUSTOMER INTERACTIONS





24/7 call routing and



OmniTouch Contact Center SE • and screen capture management. **OpenTouch**



Response. **Soft Panel Manager**

HEALTHCARE Superior patient and visitor experience •

• Enhanced guest experience • Digital hotel

Nurses and physicians real-time communication and collaboration



collaboration • From connected knowledge experience to secured campus TRANSPORTATION

Students/ teachers staff borderless

- Collaboration enhances operations,
- responsive services Enhanced value,

passenger's experience and safety • Emergency real-time communications GOVERNMENT • Connect public and staff to secure and

fficiency and budget management

https://www.al-enterprise.com/en/industries/



• On premises or in the cloud • APIs for business processes ntegration • Third-party solutions via the Alcatel-Lucent Application Partner Program: https://www.al-enterprise.com/partners/aapp

DECT handsets

8262/8262Ex • IP65 • Industrial **8212** • Basic, GAP

ACCESS POINTS







8378

8262



• 8318 SIP-DECT • 8378 IP-xBs • 8340 IP DECT • 8379 DECT







OmniAccess®



8128 • Business features • Color screen • Push to talk

8118 • Business features

ACCESS POINTS OmniAccess Stellar

SMART DESKPHONES

8088 • 7" touch screen • Built-in video camera • SIP or Business features • Android apps

PREMIUM DESKPHONES • Business features • Alphabetic keyboard • e-HD wideband audio • IP: Gigabit Ethernet PC-through

8078s IP, 5" touch screen, color screen, Bluetooth **8068s** IP. 5-lines color screen, Bluetooth **8058s** IP. 5-lines color screen

8028s IP, 3-line backlit screen, 4 speed dial-keys **8039s**, **8029s** Digital

Ethernet PC through

• Centralized management • PC-through 8018, 8008G Compact, Business Features, Gigabit

8019s Digital, Business Features 8008 Compact, Business Features, Fast Ethernet PC





Softphone

IP DESKTOP SOFTPHONE · Business, agent features

• VoIP: LAN. off-site (VPN) • Windows, Mac OS X

Android smartphones and tablets



IP Conference

8135s IP CONFERENCE PHONE • Audio suitable for large rooms

EGO PERSONAL SPEAKERPHONE

• ALE Unite application, Bluetooth, USB







EGO personal