

# Digital Age Networking

For more information, visit:  
[www.al-enterprise.com](http://www.al-enterprise.com)

Alcatel-Lucent Enterprise



OmniAccess® Stellar

## Wi-Fi 7 Indoor OmniAccess Stellar 1511

**Indoor entry range premium Wi-Fi 7 access point**

- 9.328 Gbps • 768 clients • 16 SSID
- Tri Radio, 6 GHz 2x2:2, 5 GHz 2x2:2 and 2.4 GHz 2x2:2
- USB-C • USB 2.0 • 1x 5GDE • MLO • 320MHz
- DL and UL MU-MIMO • WPA3 • Temp: 0°C to 50°C
- BLE/Zigbee integrated • TPM 2.0 • PoE powered 802.3at
- Retrocompatible with previous standards

Coming Q2 2024

## Wi-Fi 7 Indoor OmniAccess Stellar 1521

**Indoor mid-range Wi-Fi 7 access point**

- 12.22 Gbps • 1536 clients • 16 SSID
- Tri Radio, 6 GHz 2x2:2, 5 GHz 4x4:4 et 2.4 GHz 2x2:2
- USB-C • Scanning radio • USB 2.0
- 1x 5Gbe • 1x 1GbE • MLO • 320MHz • 4K-QAM
- DL and UL MU-MIMO • WPA3
- Temp: 0°C to 50°C
- BLE/Zigbee integrated • TPM 2.0
- PoE powered 802.3at/bt
- Retrocompatible with previous standards

Coming Q2 2024

## Wi-Fi 6E Indoor OmniAccess Stellar 1451

**Indoor high-end premium Wi-Fi 6E access point for increasing IoT needs**

- 10 Gbps • 1536 clients • 48 SSID
- Tri radio 2.4GHz 4x4, 5GHz 8x8 & 6GHz 4x4
- Scanning radio
- USB 3.0 • 10GE+10GE
- DL and UL MU-MIMO
- WPA3 • Target Wake Time
- Temp: 0°C to 45°C
- Max power: 49W
- Retrocompatible with previous standards
- PoE powered 802.3bt
- BLE/Zigbee integrated



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## Wi-Fi 6E Indoor OmniAccess Stellar 1431

**Indoor premium Wi-Fi 6E access point that provides high-efficiency and high-performance for high client density environments.**

- 4.2 Gbps • 512 clients • 16 SSID
- Tri Radio, 6 GHz 2x2:2, 5 GHz 2x2:2 and 2.4 GHz 2x2:2 • Max power: 34W
- USB 3.0 • 2.5GE + 2.5GE • DL and UL MU-MIMO
- WPA3 • Target Wake Time Temp: 0°C to 45°C
- Retrocompatible with previous standards
- PoE powered 802.3bt • BLE/Zigbee integrated



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## Wi-Fi 6E Indoor OmniAccess Stellar 1411

**Indoor premium Wi-Fi 6E access point that delivers excellent connectivity, coverage and performance.**

- 3.6 Gbps • 512 clients • 16 SSID
- Dual Radio: 2.4GHz 2x2+5GHz 2x2 or 2.4GHz 2x2+6GHz 2x2 or 5GHz 2x2+6GHz 2x2
- USB 3.0 • 2.5GE + 2.5GE
- DL and UL MU-MIMO • WPA3 • Target Wake Time
- Retrocompatible with previous standards
- PoE powered 802.3bt
- BLE/Zigbee integrated



Click for more details

## Wi-Fi 6 Outdoor OmniAccess Stellar 1360

**Ruggedized Wi-Fi 6 access point for outdoor high-density environments**

- 3 Gbps • 1024 clients • 16 SSID
- 2.23 Kg • DPI • IP67 rated
- 4 radios - 1 dedicated to scanning
- WPA3 • DL and UL MU-MIMO
- Target Wake Time
- Temp: -40°C to 65°C
- Retrocompatible with previous standards
- Max power: 70W
- PoE powered 802.3bt/at
- BLE integrated



Click for more details

## Wi-Fi 6 Indoor OmniAccess Stellar 1351

**Outstanding bandwidth and speed for very demanding environments**

- 10 Gbps • 1536 clients • 24 SSID • 1200 g
- DPI • WPA3 • Tri radio 2.4GHz and Dural 5GHz
- 1 radio dedicated to scanning
- WPA3 • DL and UL MU-MIMO
- Target Wake Time
- Temp: 0°C to 45°C • Max power: 60W
- Retrocompatible with previous standards
- PoE powered 802.3bt • BLE/Zigbee integrated



Click for more details

## Wi-Fi 6 Indoor OmniAccess Stellar 1331

**Wi-Fi 6 premium mid-range access point for larger enterprises with intensive Wi-Fi usage**

- 3, 55 Gbps • 1024 clients • 32 SSID • TWT
- 985 g • DPI • Dual Radio DL & UL MU-MIMO
- 1 radio dedicated to scanning • Temp: 0°C to 45°C
- PoE powered 802.3bt/at • BLE/Zigbee integrated
- Retrocompatible with previous standards
- Max power: 23W



Click for more details

## Wi-Fi 6 Indoor OmniAccess Stellar 1320

**Wi-Fi 6 access point for indoor high-density environments**

- 3 Gbps • 1024 clients • 32 SSID
- 700 g • DPI • UL2043
- 4 radios - 1 dedicated to scanning
- WPA3 • DL and UL MU-MIMO
- Target Wake Time • Temp: 0°C to 50°C
- Retrocompatible with previous standards
- Max power: 18W • PoE powered 802.3at
- BLE integrated



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## Wi-Fi 6 Indoor OmniAccess Stellar 1311

**Wi-Fi 6 premium entry-level for indoor; cost-effective and versatile for all type of enterprises**

- 1,77 Gbps • 512 clients • 16 SSID • 582 g
- DPI • 4 radios - 1 dedicated to scanning
- WPA3 • DL and UL MU-MIMO
- Target Wake Time • Temp: 0°C to 45°C
- Retrocompatible with previous standards
- Max power: 19.1 W • PoE powered
- 802.3af/at • BLE integrated



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## Wi-Fi 6 Indoor OmniAccess Stellar 1301

**Wi-Fi 6 access point, basic entry-level for indoor; ideal for small and medium enterprises**

- 1,77 Gbps • 512 clients • 16 SSID
- 574 g • DPI • Dual radio • WPA3
- DL and UL MU-MIMO
- Target Wake Time • Temp: 0°C to 45°C
- Retrocompatible with previous standards
- Max power: 13.1 W
- PoE powered 802.3af



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## Wi-Fi 6 Indoor OmniAccess Stellar 1301H

**Wi-Fi 6 indoor designed for vertical industries and teleworkers**

- 1,77 Gbps • 1024 clients • 32 SSID
- 320 g • DPI • Dual Radio • WPA3
- DL & UL MU-MIMO • TWT
- Temp: 0°C to 45°C
- Max power: 12.7 W
- PoE powered 802.3at/af
- BLE/Zigbee integrated
- Retrocompatible with previous standards



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## Wi-Fi 5 Indoor OmniAccess Stellar 1230

**Indoor ultra-high performance access points for high-density deployments**

- 4.2 Gbps • 768 clients • 24 SSID
- 802.11ac Wave 2 • DPI
- 4 radios - 1 inc. BLE
- Temp: 0°C to 45°C • WPA3
- 1.4 Kg • MU-MIMO
- UL2043 • BLE integrated
- Max power: 27.6W
- PoE powered 802.3af



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## Wi-Fi 5 Indoor OmniAccess Stellar 1201

**Entry range, affordable, Wi-Fi 5 access point for small and large business deployments with IoT devices**

- 1.3 Gbps • 512 clients • 32 SSID
- 802.11ac Wave 2 • 310 g • Tri-radio
- MU-MIMO • Temp: 0°C to 45°C
- UL2043 • Max power: 11W • DPI
- PoE powered 802.3af
- BLE and Zigbee integrated



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## Distributed Wi-Fi Control Architecture

Alcatel-Lucent Enterprise OmniAccess Stellar products embed WLAN control in access points (APs) and eliminating the need for physical centralised controllers.

ALE smart and advanced APs are managed as a single system or cluster, in a distributed and coordinated manner. Distributed architecture from ALE delivers the best performance and scalability, and ensures high availability, with operational simplicity and low Total Cost of Ownership (TCO).

- Integrated WLAN controller
- Coordinated intelligence
- Lower CAPEX & OPEX
- Improved resiliency
- No traffic bottleneck and decreased latency
- Better scalability

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## Intelligent Fabric (iFab)

The Alcatel-Lucent Enterprise Intelligent Fabric technology simplifies network operations with game changing automation that improves the agility of the entire IT operations. Built on the Application Fluent Network strategy, the Intelligent Fabric delivers a resilient, flexible and high capacity network infrastructure.

The technology automates deployment and provides self-healing network fabric capabilities to reduce IT workload.

- Straightforward deployment
- Comprehensive visibility
- Faster & easier network provisioning
- Reduce operations complexity & costs

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OmniSwitch®

## Premium access OmniSwitch 6860E/6860N

**Advanced 24/48 ports 1G/Multigig switch for campus and Data Center networking**

- PoE+ and non-PoE models • Up to 95W PoE and 3.4 kW PoE budget
- VxLAN • SPB\*\* • iFab • Virtual chassis • Automatic VLAN
- Context-based QoS • JTIC • IPv4/v6 • FIPS • VRF • Advanced routing
- Multicast • EAL-2/NDcPP • UNP\* • Smart analytics
- Application analytics • MACsec encryption



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## Advanced access OmniSwitch 6570M

**Advanced 12/28 ports 1G/10G switch for Enterprise and Service Provider Networks**

- Metro Ethernet Services enabled • Virtual chassis
- Automatic VLAN • Advanced QoS • IPv4/v6
- Static/Dynamic routing • Multicast • UNP
- EAL-2/NDcPP\* • CE 3.0 certified\*
- MACsec encryption\*



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## Advanced access OmniSwitch 6560

**Cost-effective Layer 2+ 24/48 ports Multigig access switch for large IoT-based networks**

- 802.3bt PoE • PoE+ and non-PoE models • 2x20G virtual chassis ports
- Fiber SFP+ ports • Modular power supply • HPoE up to 95W/port
- IoT enablement • User/devices fingerprinting • Static IPv4/v6 routing
- UNP\* • MACsec encryption • Automatic VLAN • Context-based QoS
- Virtual chassis



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## Value access OmniSwitch 6360

**Advanced Layer 2+ 10/24/48 ports 1Gb for classroom, campus and small/branch enterprise**

- PoE+ and non-PoE models • 10G SFP+ uplinks
- Static IPv4/v6 routing • UNP • Fiber SFP Ports
- IoT enablement • Fanless (10/24 ports) • Virtual Chassis
- Perpetual/Fast PoE • Multigig/HPoE on P48X model



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## SMB and Websmart access OmniSwitch 2260/2360

**Cost Effective 8/24/48 ports stackable, websmart Gigabit Ethernet Switch**

- Virtual chassis • Standalone • PoE+ and non-PoE models
- Perpetual/Fast PoE • 802.1X/MAC Auth
- Advanced QoS and ACLs • 10G SFP+ uplinks on "X" models
- \*Available in select geographies



More details on 2260

More details on 2360

## Ruggedized OmniSwitch 6865

**Advanced Layer 3 fanless Ethernet switches designed to operate in the harshest industrial environments**

- PoE+ and non-PoE models • SFP+ uplinks • SPB\*\* • Virtual chassis
- Temp: -40° C to 75° C • EAL-2/NDcPP • Advanced stacking and routing
- VRF • Multicast • IPv4/v6 • JTIC • UNP\* • Automatic VLAN
- Advanced L3 • Fast / Perpetual • High surge tolerance • 802.3bt PoE
- HPoE up to 75W/port • IoT enablement • FIPS 140-2 • iFab
- Certified for: DNV MIL Railway Electric substation TAA NEMA-TS2



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## Ruggedized and high-temperature OmniSwitch 6465/6465T

**Compact hardened fanless 6/12/28 ports Gigabit Ethernet switches for industrial applications**

- PoE+ and non-PoE models • 802.3bt PoE
- HPoE up to 60W/port • Instant/continuous PoE
- Network automation • Virtual chassis • High surge tolerance
- DIN mountable • MACsec encryption • Zero touch provisioning
- IoT enablement • Support IEEE 1588v2 PTP • Disaster recovery
- Extended temperature ruggedized



More details on 6465

More details on 6465T

## Modular core switch OmniSwitch 9900

**High-density chassis for core campus and Data Center networks**

- 7 Slot modular chassis with 25.6 Tb/s aggregated switching capacity
- 12 Slot modular chassis with 51.2 Tb/s aggregated switching capacity
- Core network and DC Fabric with 1/10/25/40/100G ports options
- Up to 10,800W of PoE budget • Virtual chassis
- Advanced routing • VRF • Multicast • IPv4/v6 • MACsec • SPB • UNP
- FIPS 140-2 • EAL-2/NDcPP
- Programmability: Python, RESTful API, OpenStack

\* Please refer to latest AOS release note for the full feature compatibility



Click for more details

## Stackable core switch OmniSwitch 6900

**High-performance switch for core campus and Data Center networks**

- 1U switches
- Multiple fixed configurations of 1/10/25/40/100G ports
- Virtual chassis • Advanced routing • VRF • Multicast
- IPv4/v6 • JTIC • ISSU • SPB\*\* • UNP\*
- Programmability: SDN, OVSDb, OpenStack, Python, Rest API, SSH
- FIPS 140-2 • EAL-2/NDcPP • MACsec



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Network Management and Cybersecurity

## Alcatel-Lucent OmniVista® Network Advisor

**Network Advisor is an AI-powered IT companion that eases network teams' daily operations**

- Detect network issues
- Simplify troubleshooting
- Accelerate security threat detection, reaction & mitigation
- Benchmark network performance
- Get alerts on possible provisioning errors and proposal on corrections
- Get a comprehensive picture of the health of the network

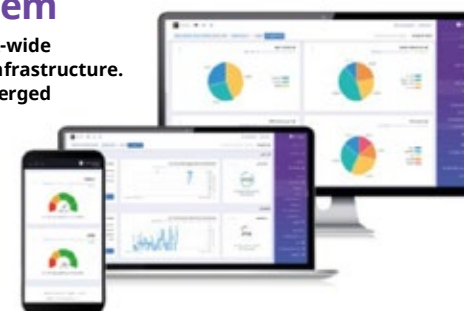


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## Alcatel-Lucent OmniVista® 2500 Network Management System

**Unified management and network-wide visibility for your LAN and WLAN infrastructure. Includes a full set of tools for converged campus networks and datacenters**

- Automated reporting
- Full HTML 5 web-based client
- Monitor and manage end-to-end LAN and WLAN infrastructures



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## Alcatel-Lucent OmniVista® Cirrus Network Management

**Cloud-based network management for LAN and WLAN**

- Web-based user interface
- Advanced BYOD
- Multi-tenant support
- Multi-customer management
- Subscription-based offer
- IoT visibility and inventory
- Lifecycle management



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## Network as a Service by Alcatel-Lucent Enterprise

**It is a new way for businesses to purchase network infrastructure—hardware, licenses, applications, and management tools—with agile life cycle services through subscriptions. This is a modular offer to meet your business needs**

- Reduce time to benefit
- Quickly adapt to business needs
- Maximum agility and scalability
- Free up IT Staff with improved network operations
- Predictable costs for your network infrastructure
- All-inclusive Support Offer

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Plugin Video Management Systems

## OmniSwitch Milestone Plugin

**Boost operational efficiency and improve video surveillance infrastructure security.**

- It allows users to create, modify, and delete ALE switches connected to cameras managed by the XProtect® Management Server
- Up to 70% of camera problems can be resolved remotely by the VMS operator
- Enhances the efficiency and responsiveness of the camera management system
- Enables you to view cameras connected to the switchboards and provide real-time status of the switches and ports
- Allows you to resetting a camera and locking the MAC address to a port directly from the smart client



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Asset Tracking

## OmniAccess® Stellar Asset Tracking

**It provides smart connection to assets, so you can locate equipment and people in real-time, optimizing operations and reducing costs.**

- Real-time location & geofencing
- Asset tracking & asset management
- Automated & push button security alerts
- Contact tracing & contact history
- People location & people flow
- Equipment maintenance scheduling
- Workflow optimization
- APIs for 3rd party integration



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## Shortest Path Bridging (SPB)

Upgraded Ethernet network provisioning: SPB delivers traffic on the shortest path available, enabling virtualization and real-time apps.

It optimizes network performances and minimize downtime when adding, removing or replacing network devices — no matter the underlying physical architectural design, whether it is a virtual chassis, a pod, a mesh or a spine and leaf configuration.

- Dynamic network topology
- Less complex operations
- Create a multi-path fabric for traffic distribution
- Automatic configuration
- Plug-and-play capabilities
- Save time
- Optimize available bandwidth

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# Digital Age Communications

For more information, visit:  
[www.al-enterprise.com](http://www.al-enterprise.com)

Alcatel-Lucent  
 Enterprise

Any cloud

## Connected platforms Hybrid Cloud

**Communications Suite for Small Medium and Large Enterprise**  
 • On premises connected platforms (to cloud services Private or Public SaaS) • Hosted solution  
 • Hybrid IP/SIP/Digital • Integrated Voice Mail Server • Network Management System

**OmniPCX Enterprise Purple** • MLE business communications • Campus  
 • Centralized multi-site • Virtual or Appliance • Native encryption

**Purple on Demand** • Simplified and flexible offer based on OmniPCX Enterprise Purple platform

**OmniPCX Open Gateway** • REST full APIs platform for OmniPCX Enterprise Purple platform

**OpenTouch® Session Border Controller** • SIP perimeter defense for MLE

**OXO Connect** • SMB business communications • Compact, Small, Large models

**OXO Connect Evolution** • 100% IP • Rainbow WebRTC Gateway included

**Alcatel-Lucent OmniVista 8770 NMS** • Modular network management  
 • Role-based delegation • VoIP reports



**Rainbow Hybrid**  
 • Unified communications for connected platforms (WebRTC gateway with PBX)  
 • Agile mobility • One number service • Phone companion • Call transfer • Audio/video calls  
 • Team collaboration • Secure messaging • File sharing  
 • Video conferencing up to 49 on-screen participants • Meeting room equipment  
 • Integration with Microsoft 365® and Google Suite®  
 • SaaS connectors (Office suite, CRM, ERP, ITSM)

**Rainbow Hybrid Services Plans:**

**Business** - fee/user/month  
**Enterprise** - fee/user/month  
**Enterprise Dial-in** - fee/user/month  
**Dial-in option** - fee/minute/connection  
**Connect option** - fee/user/month  
**Room option** - fee/room/month  
**Essential** - free of charge



## Private Cloud

**Rainbow Edge**  
 • For large enterprises that require their data to be hosted on their own instance – in a private cloud or on-premises



**OpenTouch Enterprise Cloud**  
 • Business communications as a service  
 • Hosted or on premises  
 • Based on OmniPCX Enterprise Purple platform

## UCaaS Public Cloud

**Rainbow Hub**  
 Cloud telephony UCaaS  
 A complete Cloud-based solution for all your communications needs

**All in one:** telephony, collaboration and video conferencing  
**Easy to use:** single intuitive application available on PC, tablet and smartphone  
**Flexible:** pay per user model with full scalability  
**Trusted:** a sovereign Cloud platform



**RingCentral MVP®**  
 All-in-one Public Cloud UCaaS including traffic available in France, Germany, Austria, Spain, Italy, Belgium, Netherlands, Ireland, United Kingdom, USA, Canada, Singapore, Australia

**Message:** Seamless team collaboration  
**Video:** Meetings up to 200 participants  
**Phone:** Call anywhere in the world



## Security and Compliance

- ANSSI CSPN
- ISO 27001
- European GDPR
- Common Criteria EAL2+ certified
- HIPAA
- French HDS
- ENS
- FERPA
- IEC Industrial Environmental
- Encryption of communications and data
- Single Sign-on (SSO)

Per solution details on our public web site.

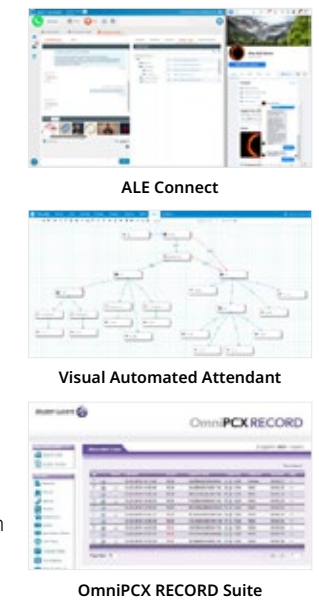


Connect everything

## Contact Center Attendant Recording Customer interactions

**Solutions for SMB**  
 • **OmniTouch® Call Center Office** • Company greeting • Distribution • Reporting • Statistics  
 • **Built-in OXO Connect Applications** • Greeting message • Automated attendant  
 • Attendant console • Voicemail • Smart call routing • Hospitality features  
 • **PIMphony** • Basic • Pro • Team • Attendant • Personal Communication Manager

**Solutions for Mid and Large Enterprise**  
 • **ALE Connect** • Email, web chat, Twitter, Facebook Messenger • Web-based Agent Desktop  
 • Hybrid Cloud service with OmniTouch Contact Center SE  
 • **OmniTouch Contact Center SE** • Call supervision and distribution  
 • **Soft Panel Manager** • Contact Center statistics and business data display in real time  
 • **Visual Automated Attendant** • Automated 24/7 call routing and greeting  
 • **Alcatel-Lucent 4059 Extended Edition Attendant Console** • Professional welcome PC application  
 • **OmniPCX RECORD Suite** • Call recording, video and screen capture



## Industries Verticals

**Hospitality**  
 • Deliver superior connected guest experiences

**Healthcare**  
 • Optimize the care pathway for better outcomes

**Education**  
 • Simplify the learning experience  
 • Extend, Engage, Educate. Activate your remote learning experience

**Government**  
 • Build thriving, attractive communities

**Transportation**  
 • Better services for staff and travelers through smarter subsystems

**Visual Notification Assistant**  
 • Broadcast voice and text messages to phones and applications  
 • Manage situations including geolocation of ALE phones and softphones

**IoT Hub** • Connect IoT to Rainbow and to any workflow

**OmniPCX Open Gateway** • Integrate communications in your business application of choice

**Rainbow Alert** • Priority-based messaging with persistent audio alerts

**Remote Visual Assistance** • Digitizing and connecting field services for operational excellence

**Rainbow Classroom** • Recreate the physical classroom with real-time collaboration with or without an LMS

**Rainbow Click-to-Connect** • Chat, call with video from within any website On-premises or in the Cloud with APIs for business processes integration. Third-party solutions with the Alcatel-Lucent Developer and Solution Partner Program: [www.al-enterprise.com/partners/dspp](http://www.al-enterprise.com/partners/dspp)



## Business application integrations

Connectors for the most popular SaaS applications:  
 • Microsoft Teams  
 • Microsoft Dynamics  
 • Zendesk  
 • Zoho  
 • Zapier  
 • Amazon  
 • and more...



## Meeting room integrations

**RingCentral Rooms**  
 • Start, join and control video meetings in a conference room  
 • Rainbow Office Rooms kits and appliances for HD audio and video • Smartphone app as controller • Quality analytics

**RingCentral Room Connector**  
 • Connect existing compatible third-party SIP-based video conferencing devices



**ALE-400, ALE-500 DeskPhones**  
 • 3D audio broadcasting  
 • 360° audio capture with 3 microphones

**8135s IP conference phone**  
 • Audio suitable for large rooms  
 • Directory lookup • ALE Unite application  
 • Bluetooth • USB

**EGO personal speakerphone**  
 • Portable conference module

**Rainbow Room**  
 • Turn any room into a virtual conference room



Digital workplace

## On-site mobility DECT / WLAN

**DECT handsets**  
**8262/8262Ex** • IP65 • Industrial design • Business features  
 • Bluetooth • Alarms • Worker protection  
**8254** • IP65 ruggedized • Antibacterial plastics and lens  
 • Business features • Large colour screen  
**8244** • Business features • Large colour screen  
 • Bluetooth • Alarms • Alarm key on top  
**8234** • Business features  
**8214** • GAP mode for essential functions  
**8212** • Basic, GAP



**WLAN handsets**  
 • Rugged design • 15 hours talk time  
**8158s** • SIP/NOE • Business features  
 • Colour display • Alarm features  
**8168s** • Business features • SIP/NOE  
 • Wideband audio • Colour display  
 • Alarm button • BTLE compatible

**DECT, IP-DECT, WLAN Access points**  
**8318 SIP-DECT / 8328 SIP-DECT / 8378 IP-xBs**  
**8379 DECT**      **8379 DECT ATEX**



## Desk phones Softphones ALE DeskPhones

**ALE DeskPhones: Enterprise**  
 • Symphonic HD audio • 3D soundbar  
 • 2xUSB-C ports • Dual Gigabit Ethernet port  
 • Business features • Hot-desking mode  
 • VPN client • Customization kits: 4 colours  
 • ALE-108 Bluetooth / WLAN module  
 • ALE-100 Alphabetic keyboard  
 • ALE-120 Colour-screen key expansion module

**ALE-500** • 5.5" touch screen • 3 microphones  
 • Bluetooth handset option • No handset model

**ALE-400** • 4.3" touch screen  
 • Mechanical dial pad  
 • 3 microphones • Bluetooth handset option

**ALE-300** • 3.5" colour screen  
 • 10 contextual keys with LED

**ALE DeskPhones: Essential**  
 • Wideband audio • Business features  
 • USB-A, USB-C ports • ALE-10 Alphabetic keyboard  
 • EM200 colour expansion module

**ALE-30/30h** • 3.5" colour screen  
 • 10 contextual keys with LED  
 • Dual Gigabit Ethernet port  
 • Hybrid digital / IP port (ALE-30h)

**ALE-20/20h** • 2.8" backlit screen  
 • 6 contextual keys with LED  
 • Dual Gigabit Ethernet port  
 • Hybrid digital / IP port (ALE-20h)

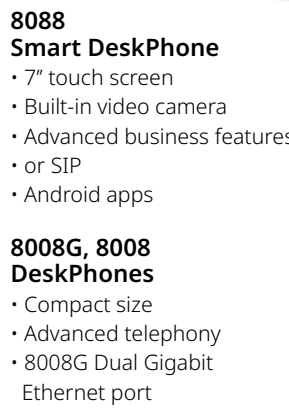
**ALE DeskPhones: Basic**  
**ALE-3** • 2.8" colour screen • 4 contextual keys  
 • SIP • USB-A • Dual Gigabit Ethernet port  
**ALE-2** • 2.8" backlit screen • 3 contextual keys  
 • SIP • Dual Gigabit Ethernet port



**ALE SoftPhone**  
 • SIP • LAN • Off-site (SBC)  
 • Audio and video call  
 • PC • Android • iPhone



**IP Desktop Softphone**  
 • Business telephony  
 • Call Centre Agent  
 • VOIP/LAN/Off-site (VPN)  
 • PC/Mac/Android



**IP Desktop SoftPhone**  
**8088 video**  
 • 7" touch screen  
 • Built-in video camera  
 • Advanced business features  
 • or SIP  
 • Android apps



## SIP phones ALE SIP DeskPhones

• For third-party SIP communication systems  
 • OpenVPN • PoE • IPv4/IPv6  
 • 2 USB ports and Expansion Modules for M Series  
**M8** • 5" colour screen • BT 5.0 • Wi-Fi  
 • 20 SIP accounts

**M7** • 3.5" colour screen • BT 4.1  
 • 8 programmable keys

**M5** • 2.8" colour screen  
 • 8 programmable keys

**M3** • 2.8" backlit screen  
 • 6 programmable keys

**H6** • 2.8" colour screen  
 • 4 contextual keys • USB-A port

**H3G/H3P** • 2.8" backlit screen  
 • 3 contextual keys

**H2/H2P** • Backlit screen • RJ9 port • PoE (H2P)

