OmniAccess®

STELLAR
WLAN

OmniAccess Stellar Wi-Fi 6
Raising the bar for superior connectivity

Solve connectivity challenges in high density environments with indoor and outdoor next generation WLAN solutions

Alcatel·Lucent
Enterprise

OmniAccess Stellar Wi-Fi 6
Enhanced connectivity delivers a superior user experience

The Alcatel-Lucent Enterprise OmniAccess Stellar AP1300 series brings a new set of WLAN capabilities and better efficiency for bandwidth hungry and latency sensitive applications.
Wi-Fi 6 offers **better and more stable connectivity in dense environments** allowing more clients to connect on the same access point (AP) simultaneously.

With OmniAccess Stellar Wi-Fi 6, both bandwidth and throughput are higher and the battery life of the connected devices are significantly extended. The new access points create a more secure and faster mobile user experience especially for saturated indoor and outdoor locations and offers a dramatic **step foward for enterprise digital infrastructure**.

Reliability
Improved connectivity consistency and stability for a better end-user experience

Capacity
Handle more devices simultaneously with a better QoE for hungry-bandwidth applications

Efficiency
Extend battery life of connected devices with the Target Wake Time (TWT)feature

4x More Bandwidth
40% faster speed for each connected device

Security Improvements
Encrypted traffic and WPA3 ensure better privacy and protection of transmitted data

OmniAccess Stellar AP1301
- 802.11ax Wi-Fi 6 **basic entry-level indoor access points**
- **WAN resiliency** with 2x 1GE uplinks

OmniAccess Stellar AP1311
- 802.11ax Wi-Fi 6 **premium entry-level indoor access points**
- A full band radio **dedicated to scanning**
- Integrated **Bluetooth/Zigbee radio**
- **WAN resiliency** with PoE backup
- Downlink port for **wired IoT connectivity**

OmniAccess Stellar AP1320 series
- 802.11ax Wi-Fi 6 **high performance indoor** access points
- **Higher capacity** with a Multigig Ethernet uplink
- A full band radio **dedicated to scanning**
- Integrated **Bluetooth /Zigbee radio**
- **WAN resiliency** with PoE backup

OmniAccess Stellar 1360 series
- 802.11ax Wi-Fi 6 **outdoor** access points
- **Ruggedized IP67 rated** AP for harsh outdoor environments
- **Optical connectivity** for long-distance backhaul
- A full band radio **dedicated to scanning**
- Integrated **Bluetooth /Zigbee radio**
- Downlink PoE port for **wired IoT power and connectivity**

Alcatel-Lucent Enterprise Digital Age Network
The foundation that delivers the services your business needs to grow

Autonomous Network

Autonomous networks are configured and provisioned automatically. They ensure mission-critical, secure network operations, and optimize the user experience.

In the close future, the autonomous networks will adapt automatically to changing business conditions

Automate mission-critical network operations and improve user experience

IoT Outcomes

Scale up digitalization through IoT secure onboarding and management

IoT are the means to digitize physical objects and will be leveraged by at least half of new applications and business processes in the coming years.

With ALE Digital Age Networking, IoT objects are automatically and securely connected to enterprise networks, and easily managed. There is no more limit to the scale of IoT deployments.
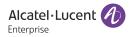
Business Innovation

New business processes are optimized when they leverage user, application, and IoT metrics in real-time.

Alcatel-Lucent Enterprise integrates technology innovations including IoT, location services, and collaboration platforms, to help businesses optimize processes and services.

This is the key to innovation, improved productivity, workflow optimization, and an enhanced user experience.

Accelerate digital transformation with new automated workflows

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OmniAccess Stellar Wi-Fi 6

Based on the ALE unique distributed WLAN control architecture

Alcatel-Lucent OmniAccess Stellar **access points have built-in controller functionality** eliminating the need for physical centralized controllers.

These smart and advanced APs are managed as a single system or cluster, in a distributed and coordinated manner.

Distributed architecture from Alcatel-Lucent Enterprise delivers the best performance and scalability, and ensures high availability with operational simplicity and low total cost of ownership (TCO).

Unified service management

ALE Network Management System (NMS) providesa unified service management for LAN & WLAN, advanced visibility and control over users and applications.

OmniVista 2500 & OmniVista Cirrus facilitate alignment with new business imperatives, improve IT efficiency and agility.

Available on premise or in the Cloud, ALE solutions enable to easily provision, manage, and maintain a network infrastructure.

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