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

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

4x More Bandwidth
4 times faster speed for each connected device

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

OmniAccess Stellar 1320 series
- 802.11ax Wi-Fi 6 high performance **indoor access points**
- **Four built-in radios**
- A full band radio **dedicated to scanning** (security)
- Integrated **Bluetooth/Zigbee**

OmniAccess Stellar 1360 series
- 802.11ax Wi-Fi 6 IP67 rated access points for **harsh outdoor environments**
- **Ruggedized** AP with **optical connectivity**
- **Downlink PoE port** enable IoT devices power and connectivity

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

Service Defined Network

The right foundation for a high-performance network **that automatically provisions network services and guarantees the user Quality of Experience (QoE)**.

Automatically translate business requirements into network services provisioning and configurations

Unified service management

ALE Network Management System (NMS) provides a unified service management for LAN and 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 premises or in the cloud, ALE solutions enable easy network infrastructure **provisioning, management and maintenance.**

Advanced network analytics provide full visibility into wireless devices and applications

Extended and secured IoT services

Simple and secure onboarding to handle the influx of Internet of Things (IoT) devices and sensors.

Segmentation keeps devices in dedicated containers and **minimizes the risk of having the network hacked**. IoT containment can help businesses easily and automatically understand if the device is behaving properly and help keep the network safe.

IoT containment capabilities help enterprises turn a single physical network into a multi-service network

Augmented intelligence

A Digital Age Network can proactively adapt using **machine learning and data analytics gathered from application** usage and user quality of experience.
A deeper correlation between factors allows a clearer understanding of facts, prevents potential problems and enables **differentiated digital business processes**.

Proactive analytics make the network smarter and safer

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IT as a business engine
Reduce costs and leverage IT to create new revenue streams.

Location-Based Services (LBS) provide the geolocation of users in indoor facilities. By offering wayfinding and geonotifications, businesses can enhance the user experience, engage with customers and optimize workflows.

Asset Tracking enables organizations to know where their critical assets are in a real-time as well as historical location information. Alcatel-Lucent Enterprise offers a complete and customizable solution to streamline asset management and keep costs under control.

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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).

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