ALE | **Where Everything Connects**

Hardworking wi-fi for today's active seniors
Alcatel-Lucent OmniAccess Stellar WLAN solution for healthcare

Next generation Wi-Fi for next generation healthcare

You're juggling a huge increase in wireless network demands from everyone in your facility including residents, care providers and visitors.

- The average clinician uses 6.4 mobile devices a day[1]

- 70% of healthcare providers use mobile devices to access electronic medical records[2]

- 4 in 10 seniors now own smartphones, 2x the 2013 number[3]

OmniAccess Stellar AP1231 indoor Wi-Fi access point

[1] IDC Healthcare Insights study
[2] 3rd Annual HIMSS Analytics Survey
[3] Pew Research, 2017

Everyone is asking for more wireless coverage and capacity – your residents, your care providers and your visitors.

It's why reliable, secure and high performance Wi-Fi is moving to the top of the agenda for independent living, nursing homes, assisted living venues and retirement communities. Residents, care providers and visitors are looking for connectivity – but it has to be done in a secure way.

The Alcatel-Lucent OmniAccess® Stellar WLAN solution meets all these demands, and more. Its next generation access points deliver enterprise-grade connectivity with operational simplicity and manageability – creating a new paradigm in wireless networking that's efficient, secure, simple and affordable. And with our local, personalized approach, a tailored solution can be built to suit any facility looking for WLAN.

The OmniAccess Stellar WLAN solution offers:

- **Simplicity:** High-speed Wi-Fi with optimal radio coverage, yet simple to deploy and scale

- **Performance:** Distributed intelligent architecture for better performance and high availability

- **User centricity:** Easy to connect to, excellent quality and secure user experience for residents, care providers and visitors

- **IoT readiness:** Unique IoT containment technology, for secure and automatic connection to any Wi-Fi device

- **Analytics capability:** Smart analytics monitor and control applications, users and devices to help manage and drive strategic business decisions

- **Unified management:** Native unified access for LAN and WLAN with cloud-enabled management that guarantees the best quality of service

- **Evolution:** Future-proof solution built on the latest technologies, innovations and services

Alcatel·Lucent Enterprise

Built for simplicity

The OmniAccess Stellar WLAN solution is designed to enable automatic onboarding of IoT devices to support a connected facility. Features include:

- Policy-based Bonjour/UPnP management
  - Discovery of service devices
  - Rules created based on:
    - Location
    - User group
    - Identity
- Automatic and secure configuration into the correct network profile

Available on wired and wireless devices (Note: when used with the Alcatel-Lucent LAN solution)

OmniAccess Stellar AP1101 indoor Wi-Fi access point

Built for efficiency

The OmniAccess Stellar solution is simple to deploy and maintain. The enterprise-grade solution supports multiple access points, managed from a single interface. You won't need to add staff to manage the network.

Features include:

- Distributed controller architecture
- Unified Policy Authentication Manager (UPAM)
  - Secure authentication of clinician login
  - Visitor access – self-registration, sponsored login
  - Intent based policy enforcement
  - Extensive captive portal customization
- Simplified management of access groups
- Scale up to 4000 access points with no limit on the number of access point groups*

* OmniVista 2500 required for more than 64 APs

Built for affordability and low TCO

The OmniAccess Stellar WLAN product line is designed to be affordable, with a low TCO thanks to its simple management features and built-in intelligent capabilities:

- Secure web management portal
- Wizard configuration tool
- Visitor captive portal
- Distributed RF for automatic intelligence optimization
- Smart load-balancing – intelligent connection to best APs
- Self-healing – dynamic coverage adjustment to counteract access point failures
- Easy to scale – automatic management of new access points

Keeping staff mobile and connected, and smart systems online – without the need to keep investing in the maintenance of old technology.

And with a choice of entry level, mid level and high end access points, your wireless LAN can grow in line with the needs of your business.
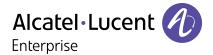
Built for security

Senior living venues hold masses of personal patient data. And every new, smart connected device creates a new gateway for a potential cyberattack.

With OmniAccess Stellar WLAN solution's IoT containment capability, organizations not only get simplified deployment and configuration but also a dramatically more secure network architecture.

Senior living venues can run a network exclusively for devices used by staff. A security network for surveillance cameras, access control and intrusion detection. A guest network for resident and visitor use, etc. All on the same network infrastructure. So, if any single network is compromised, the attack can be contained to that network portion only. OmniAccess Stellar WLAN solution security features include:

- Secure network access control (NAC) with Unified Access technology
- Automated deployment with OmniSwitch integration
- Smart Analytics application monitoring and enforcement
- UPnP/Bonjour service sharing support

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