



Tellabs® Optical LAN Solutions for Hospitality

Unify services and networks to reduce costs, increase security and boost availability

Guests at hotels and resort properties have high expectations for secure, reliable access to communication services, both wired and wireless. Robust networks are also at the heart of hospitality operations, supporting critical resort and hotel management systems. Now, there's a great opportunity to improve guest service quality and simplify how the network operates with Tellabs Optical LAN. This fiber-based solution delivers dramatically faster, more efficient, sustainable, cost effective and scalable networks versus traditional copper-based infrastructures.



Tellabs Optical LAN is a smart choice for hospitality organization, from small hotels to luxury resorts to convention centers.

- Optical LANs are simpler than copper-base networks. There is less equipment and cabling to house and maintain.
- Optical LANs reduce operating costs because they have fewer electronics, less cabling, lower power needs and do not require telecom rooms; space which can be converted to revenue-generating space.
- All hotel, resort or facilities network, services and technologies can be easily converged on one fiber network for centralized management.
- Fiber networks are ideal for current network demands and migration to next-gen technologies because they have no theoretical bandwidth capacity ceiling.

Tellabs Optical LAN Benefits

A growing number of businesses and government entities already realize the benefits of deploying Tellabs Optical LAN solution. For the hospitality industry, the solution is an excellent choice to reduce costs while serving the networking needs of facilities on one fiber network.

The benefits are clear:

People

Tellabs Optical LAN solution provides reliable, fast access to communication services for guests, a great way to build brand loyalty. Guests easily connect to personal, business and hotel services via wired or wireless connectivity from all kinds of devices such as smartphones, tablets, laptops or hotel-sponsored interfaces (e.g. phone, TV, kiosk). Hotel owners and operators appreciate that the solution takes up less physical space. Former telecom rooms can be converted for revenue-generating purposes. IT staff benefits from centralized network management and simpler troubleshooting.

Network

The Optical LAN solution reduces power consumption in a number of ways. The architecture requires fewer active electronics and uses smaller equipment. That means less power is needed at the main data center. There's also no longer a need for a large telecom room, so overall cooling costs for facilities are reduced. Fewer, smaller cables means less weight burden on buildings. The lighter fiber cables also reduce the amount of plastic and the associated smoke load. Fiber networks also require fewer wall and floor penetrations, which translates to a lower fire hazard. For tropical locations, the Optical LAN solution and fiber networks are resistant to humidity, corrosion, salt and lightning.



The five-star Buccament Bay Resort in the Caribbean has benefited from the Tellabs Optical LAN solution for more than five years.

Operations

Tellabs Optical LAN is ideal for securely converging all critical systems that power hotel and resorts operations, including property management systems (PMS), admin phones, guest phones, point of sale (EFT), voicemail, automated billing, PBX, call accounting, back office/finance, access control, door lock systems, security, surveillance, guest Internet, free-to-guest TV, Video On Demand, catering systems, property wide audio, digital signage, self-serve kiosks, lighting control, environmental controls, HD video conferencing, safety, fire detection systems, Wi-Fi and DAS. Hotel Technology Next Generation (HTNG) organization views Optical LAN as an excellent choice for hotels/resorts deploying fiber-to-the-room architecture.

Summary

By taking advantage of the benefits of fiber networks and Tellabs Optical LAN, hotels and resort properties can exceed the needs of modern high performance LANs. By deploying Tellabs Optical LAN, hoteliers can lower capital expenses, lower operational costs, consume less energy, convert space saved into revenue-generating purposes, improve LAN stability and tighten network security.

Next steps.

Visit www.tellabs.com to learn more about how Tellabs Optical LAN solutions are solving enterprise network challenges while significantly reducing CapEx and OpEx, power consumption, and space requirements. If you have a question, please email ask@tellabs.com.



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