



Security solutions for a safe guest experience

Proven security solutions

Video surveillance, facial recognition, thermal imaging and location-based services can deliver a safe and secure environment for everyone and help boost guest confidence.

Whether it is in compliance with local regulations, or a decision taken by hoteliers, as we emerge from the 2020 health crisis the hospitality industry will need to implement security measures to create a safe environment for travelers, guests and staff. Along with stringent and regular disinfection routines, new devices and procedures, such as thermal imaging cameras, facial recognition applications, and capacity control systems, will appear in hotel lobbies.

Video surveillance can help manage physical distancing and guest safety

While video surveillance may be regarded as a traditional security system, it is likely to expand in the face of the global health crisis. In addition to improving security and deterring criminal activity, the presence of video surveillance can also help make people more aware about maintaining social distances and avoiding crowding, as well as improve security personnel response times in dangerous situations.

New solutions

Facial recognition and thermal imaging

In addition to offering a smart Wi-Fi captive portal and analytics, our partner [Zoox Technologies](#) offers an innovative facial recognition solution enabling faster and safer access to hotel spaces. Mobotix thermal imaging cameras have also been recently added to the Alcatel-Lucent Enterprise Hospitality partner ecosystem.

Location-based services provide proactive emergency management

While video surveillance delivers both passive and reactive security, location services can provide the intelligence required to engage more proactively. Until now one of the main benefits of indoor location services has been providing analytics about the movement of people that could be used to improve marketing plans and grow businesses. Today these analytics offer new, significant value in the design of effective mobility and emergency planning.

As part of the network solution offering ALE provides [indoor location-based services](#). For hospitality businesses with a large flow of visitors such as; casinos shopping malls, convention centers, museums and sports centers, location-based analytics can collect relevant information for the design of secure mobility plans. This includes the number of visitors per hour of the day and day of the week, or the average duration of visit per building or per logical zone. These metrics provide key information about peak hours and frequented areas.



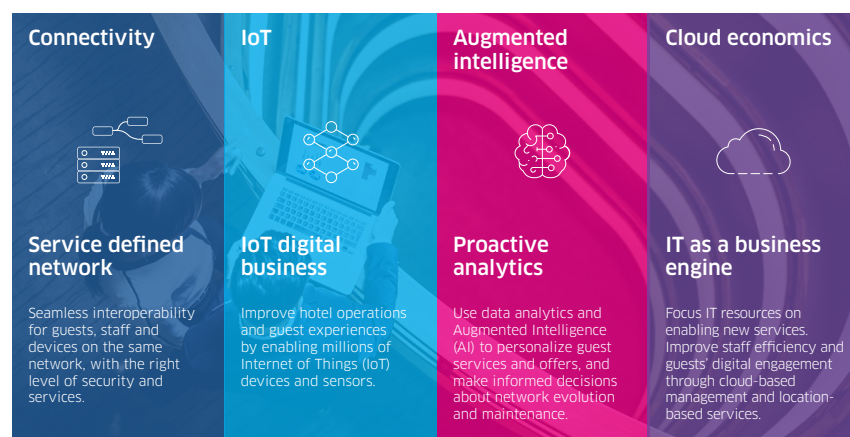
Is your network ready to support bandwidth-hungry services?

ALE networks provide state-of-the-art network standards, UDP [multicast IP](#) protocols and [Shortest Path Bridging \(SPB\)](#), to ensure the best performance and quality for video surveillance deployments. SPB with minimal convergence time (sub-100 milliseconds) is the technology of choice for video deployments to ensure consistent and high video quality, even in network outages. To guarantee the necessary bandwidth and network resources, you will need high-performance network switches that provide high port density and switching capacity.

ALE networks have demonstrated excellent performance in real field deployments with expert video partners such as [BCDVideo](#) in North America.

New technologies, new devices, more cybersecurity risks

[Alcatel-Lucent Digital Age Networking](#) supports the deployment and integration of these technologies to prevent cybersecurity breaches and ensure a secure environment. As a key pillar of Digital Age Networking, [IoT Digital Business](#) provides automatic and secure onboarding and management of IoT devices such as the IP cameras required by security systems. Additionally, the network interoperability along with API openness capabilities provides easy integration with all types of third party solutions to create a rich [ecosystem](#) of vertical solutions within the network infrastructure.



All of these security solutions, from the most innovative thermal imaging cameras and facial recognition, to emerging location-based services, as well as traditional video surveillance will ensure a safer environment, helping hotels and other hospitality related services to reinvigorate business, re-engage customers and stay ahead of the competition—if your network is ready for them.