

How Venn helped Airvance upgrade its network without any interruptions

Airvance is one of Europe's leading suppliers of HVAC systems, designing as well as distributing air handling systems for buildings. In 2019, the group needed to split part of its company away from its previous owner. This transition also required migrating the network away from the local MPLS.

However, the migration process needed to occur in the background, without introducing any interruptions to the business itself. Airvance also needed a single partner and point of contact to manage the entire project. Venn Telecom was able to design a personalised solution that resulted in a full-scale migration, without any detrimental effect on the business throughout the process.



Challenges and objectives

Airvance needed a way to upgrade its network's capabilities without interrupting the day-to-day running of the business. This problem involved a number of challenges that needed to be effectively solved to ensure the overall success of the project.

MPLS DECOUPLING

One of the top priorities was to decouple the two outgoing entities from the slow, outdated, but vital local MPLS as fast as possible, because the MPLS's bandwidth wasn't powerful enough to handle Airvance's business needs. As a result, it was critical to create completely independent networks, and Venn accomplished as much in just two weeks.

INCREASE BANDWIDTH

While the MPLS was being decoupled, bandwidth on each site was increased to support the business applications. Additional internet lines were installed in France and UK in parallel with their MPLS line that could be then decommissioned. All this was done in a smooth and ongoing manner which meant the network didn't suffer any interruptions.

FLEXIBILITY

Looking forward, the network will be flexible enough to allow for future migration projects. Furthermore, with the amount of collaborators on site and business application needs, it will be simple and cost-efficient to increase bandwidth. Venn Telecom remains the single point of contact for the two countries, as well as any others that might be added.



“We could count on Venn using their SD-WAN technology to split away the local network and to increase the bandwidth... The main takeaway was that the initial implementation only took us a couple of weeks.”

JORIS VAN DEN BROECK, IT INFRASTRUCTURE ARCHITECT, AIRVANCE GROUP

Solution

Venn Telecom's solution involved deploying Peplink hardware & SpeedFusion technology to help Airvance achieve its migration milestones. Notably, the solution was implemented in just two weeks, with the rest of the admin process being fully managed by Venn after the initial technical challenges had been solved.



BANDWIDTH IMPROVEMENT

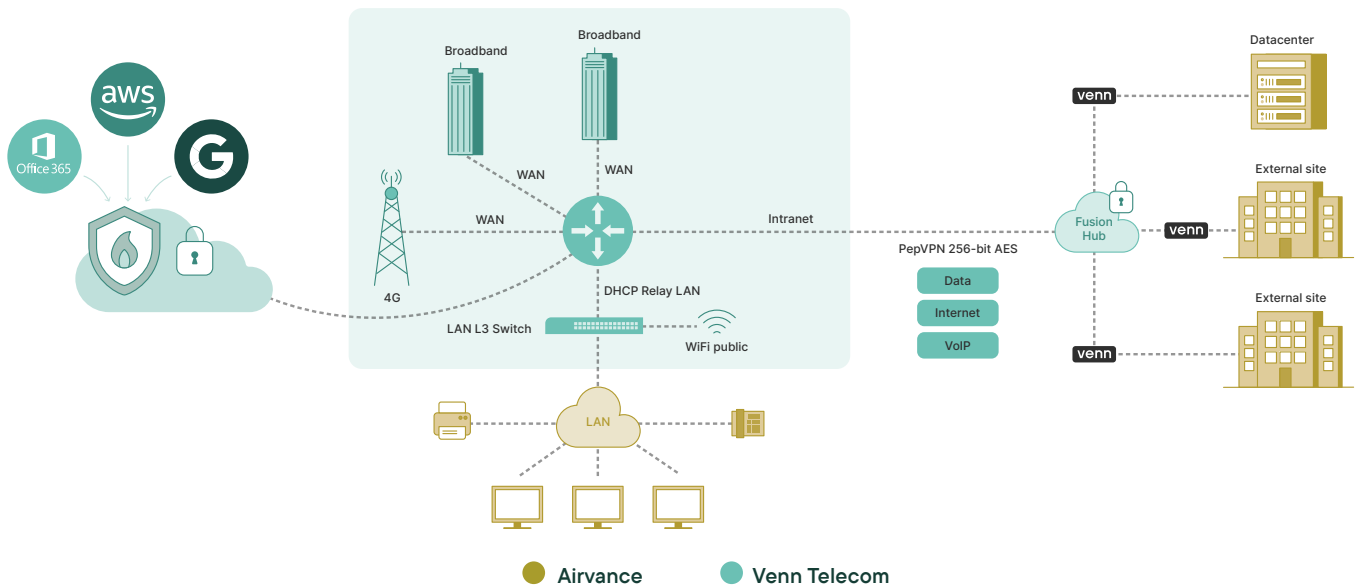
To achieve the bandwidth objective, each site was equipped with a 4G solution delivering the performance boost that was expected. LTE/4G connections are a great way to rapidly increase the performance of any site. Once the boost was in place, Venn could decommission the old lines and install the new internet access. At Venn, we're flexible in the way we deliver: we don't use mobile as a backup, but as a primary channel.



HANDS-OFF MANAGEMENT

In each country Venn coordinated the installations with local partners, leading to easier and cheaper deployments. Throughout the whole solution, Venn managed the administrative process on a unified management platform with collaboration from Airvance allowing them to focus on their own ongoing business objectives without interruption.

How it works



Outcome & key deliverables

Migration went smoothly and was achieved in time contributing to a successful M&A. This complex IT project did not get in the way of business activities, nor did it put the company's day-to-day operations at risk, lasting only two weeks.

Today, Airvance is a unified group who are working towards a long-term network roadmap — and Venn's flexibility will play a vital part in making that vision a reality.