

A centralised multi-site Wi-Fi for the disability-support association



SUMMARY

Client	ADAPEI 44 - www.adapei44.fr
Sector	Disability-support association
Location	Loire-Atlantique
Challenge	Remote management of a centralised Wi-Fi infrastructure
Solution	Software controller, Nuclias Connect, DAP-2660 and DGS-1510
Results	Improved network productivity, upgradability and ease of maintenance

Adapei de Loire-Atlantique is a not-for-profit association of parents and friends who campaign for adapted support services for people with mental disabilities. It has created and manages many specialised facilities and services. It currently offers more than 3,000 support solutions for almost 2,700 disabled persons, ranging from early childhood to adulthood and it employs almost 1,700 professionals.

Challenge

Adapei operates numerous sites spread over the department and is organised into 8 regional sections. To support its professionals, Adapei wanted to implement a Wi-Fi network that could be deployed and managed easily and centrally across all its sites. And of course it also had to be a solution that could be managed remotely. Adapei commissioned APS Solutions Informatiques with the task of selecting the best solution.

Solution

APS decided on D-Link's centralised management system Nuclias Connect for the remote management of its terminals. The Wi-Fi infrastructure is connected to the branch network which has been equipped with DGS-1510 Smart Managed Gigabit Switches.

- Nuclias Connect is a cost-effective solution for deploying and managing a network in a secure private Cloud. It is installed on a

server and can manage up to 1,000 D-Link access points remotely.

- The DAP-2660 PoE access point is compatible with the latest Wi-Fi 802.11ac standard which enables speeds of up to 1200 Mbps. It can be easily deployed and configured on any network.
- The smart managed switches in the DGS-1510 range provide all the functionality required whilst ensuring a high performance level thanks to their 10 GbE ports and PoE power capacities.

Results

About one hundred Wi-Fi terminals have been installed to date across 20 sites. The installation is therefore live and the on-site staff have quickly embraced its use. Ultimately more than 200 Wi-Fi terminals across 70 sites will be deployed.

D-Link and APS Solutions Informatiques are long-standing partners, a fact which facilitated the business relationship and enabled a fast and fluid transfer of information.

Products & Services

- Software controller, Nuclias Connect
- DAP-2660 Wi-Fi 11ac access points
- DGS-1510 Smart Managed Gigabit Switches

APS Solutions Informatiques

APS is a digital services business operating in the French Departments of Loire-Atlantique, Maine et Loire, Vendée and Rhône-Alpes. Founded in 2006, the company now has about twenty employees who assist its professional clients in the development and operation of their IT services. These services include data and network security through to the creation of infrastructures for local authorities and for private companies in the French Departments 44, 49 and 85. It is also recognised for its expertise in audits, analysis and optimisation of IT hardware and consumables.



Series
DGS-1510



DAP-2660