

Struer Municipality

New Dual 5 GHz Wi-Fi Sets New National Standard for Municipal Wi-Fi Solutions



Struer Municipality

Struer is a municipality in the Danish region of Northern Jutland. It links up 3,000 users and provides all students in the area with a computer. Struer opted out of physical books for students in favour of running everything in the cloud. As such, they rely on a solution that performs flawlessly at all times. Struer Municipality therefore needed a state-of-the-art, future-proof solution that could sustain some serious real-world testing and full satisfaction before being selected for implementation. Aerohive delivered on all parameters and Struer now has a best-in-class solution in Denmark.

The Challenges

With 3,000 users, an average of three devices (and growing) per user, and students that were all online more or less at the same time, meant the requirements for the chosen Wi-Fi solution in Struer Municipality were high. Also, it was a prerequisite that the solution could match the requirement for basically no downtime, no signal loss or dropout and ease of Wi-Fi management. As the entire educational set-up in Struer is built around cloud solutions, uptime and flawless Wi-Fi was crucial. The previous solution was outdated and could not support these requirements.

The IT department had been heavily burdened by the legacy Wi-Fi setup with several daily calls from frustrated users and teachers who were frustrated with the lack of functional IT to support their daily classes. After 8 years of outdated Wi-Fi systems, everyone wanted a change.

The IT department from the municipality would not accept anything but a future-proof, next generation solution. A complete and full test was set up where engineers and IT personnel ran tests all across the board. Aerohive's solution simply worked from day one, in fact no one experienced any issues during the test phase. Based on the positive results, the solution was extended with new APs strategically placed all across the Struer Municipality.

The Solution

The solution that Aerohive suggested and provided was a Dual 5GHz Wi-Fi platform with a single point of access to central cloud-based management software. The Dual 5 GHz setup provides enough power and bandwidth to handle the large number of units online every day as well as the ability to handle extra traffic spikes.

The Wi-Fi management solution provides Struer's IT department with a complete, easy-to-use platform that allows them to handle and monitor all APs as well as the entire municipal Wi-Fi setup. According to the IT team leader at the municipality, the setup and alert system now enables them to proactively spot any problems or faulty units and fix them without any users ever noticing there was a problem.

The Struer Municipality network has now been running flawlessly for 18 months. No major expansions are currently planned but minor expansions, cementation of APs and changes in the network has been integrated without any issues or negative experiences pertaining to technical limitations.

"It was a smooth experience without any problems. Aerohive (and Securelink) set up the intended solution and allowed us to test how it worked in a real-world environment. Everything worked flawlessly from day one and has done ever since."

– Claus Vagn Ohrt, Teamleader & Head of IT,

STRUER
KOMMUNE

