ABINGDON

Centuries of Educational Excellence

Steeped in over 750 years of history, Abingdon School has a reputation for excellence. Located just south of Oxford on a 35 acre campus, Abingdon School has a Senior School for boys 11 to 18 and a Prep School for boys 4 to 13. As one of the oldest schools in England, its alumni consist of notable leaders in the arts, science, business and government. For centuries Abingdon has been committed to providing students with a first-class education and ensuring they have the best possible tools for success. Moreover, in the 21st century, having reliable WiFi is an important element of the learning environment.

Supporting over 1,500 students and staff on campus, the small Abingdon IT department, led by Andy McGinn, is responsible for providing pristine WiFi across the campus. This includes WiFi to classrooms, the boarding houses, students, and WiFi for guests visiting the school grounds for events in the auditorium or to the sporting fields.

Upgrading to 802.11ac Tri-Radio APs

When Andy McGinn and his team decided to upgrade their WLAN it was not because their WiFi was failing to adapt to the growing number of devices on the network or because the network was failing. The school elected to upgrade their WiFi when their existing Mojo Access Points, C-55 and C-65s, went End of Life. Andy and his team considered other WiFi vendors but remained with Mojo Networks for its history of reliability, ease of use and to access the network intelligence features of Mojo's Cognitive WiFi™ platform. The C-130, a high-density

tri-radio AP, would provide Andy and his team with complete network visibility, enhanced security, and allow for remote troubleshooting across the 35 acre campus. Mojo's Cognitive WiFi platform would become Abingdon's root cause analysis engine, reducing time spent troubleshooting and making reported WiFi issues simpler to resolve.

Cognitive WiFi™ Network Intelligence

Andy and his team were keen on accessing the network analytics available with the C-130. Once the C-130s were installed, Andy and his team were able to take full advantage of Mojo's dashboard delivering information on the client journey to better understand where connection failures are occurring. They quickly discovered that most of the connection failures were issues not related to WiFi at all, but were in fact user device issues and operating system errors.

> WiFi use has grown dramatically over the last few years, but we haven't been inundated with support issues. We were never in a place when we had bad WiFi. This has been a painless experience."
>
> -Andy McGinn, IT Manager, Abingdon School

WiFi is a fundamental component of teaching, learning and other business activities at Abingdon. Using the Learning Management System (LMS) Firefly, Abingdon has created a virtual learning environment so that all coursework is available to students online. Using a LMS means much of the coursework and classroom updates are made available via the LMS portal and homework submission is similarly submitted electronically. This makes reliable WiFi all the more important to students and staff.

Case Study

Be Our Guest

In the boarding houses, Abingdon had the opportunity to rethink Access Point placement to ensure the best possible coverage. The thick walls and small rooms of the dormitories created a challenging environment for WiFi. Located in the oldest buildings on campus, the bedrooms previously had great WiFi coverage near the doorway, but WiFi coverage by the window, where desks are located, was weak. Having 4x4, 802.11ac tri-radio access point coverage and the opportunity to rethink mounting locations resulted in students having access to strong WiFi throughout the bedroom. However, it is not unrestricted WiFi. While streaming video and multi-player games are popular, students know that when the lights go out, so does the SSID which has been programed in Mojo to shut down on the same schedule.

Hosting visiting families and a variety of events throughout the year, Abingdon also takes full advantage of Mojo Guest Manager, which comes included with Mojo cloud license, to manage guest access. Guest WiFi users access the internet via a captive portal designed and configured to Abingdon's requirements. Users of guest WiFi are taken to a splash page that can be easily modified and customized by the Abingdon team ensuring that Abingdon guests receive a special welcome and have an impeccable WiFi experience.

Abingdon has maintained its commitment to excellence in education and is delivering the tools that their students need to become leaders and follow in the footsteps of Abingdon alumni.

Simply Brilliant Cloud WiFi

Mojo delivers secure, high-performance WiFi that is deeply intelligent and immensely scalable. Cognitive WiFi™, Mojo's cloud-managed WiFi solution, applies artificial intelligence to the wireless network at a degree that is only possible by harnessing the limitless computing power and storage capacity of the cloud. The result is a brilliant self-driving network that enables businesses to achieve stellar network performance and unsurpassed data protection, while reducing IT costs and minimizing network troubleshooting time.

Mojo's award-winning 802.11ac Wave 2 access points feature 4:4 MU-MIMO capability, best-in-class security, and exceptional performance. The built-in third radio increases network uptime by simulating a client device and pro-actively resolving issues before they impact WiFi users.

Learn more about Abingdon School.

Mojo Cloud Subscription Includes:
Cognitive WiFi™ | #1 Rated WIPS | Guest Access | Analytics & Reporting | 24/7 Global Support | Software Updates

About Mojo Networks, Inc.

At Mojo, we're shaking up the Enterprise WiFi industry. We know that customers are ready for a modern WiFi network that doesn't rely on outdated controllers and proprietary hardware. Our cloud-managed WiFi solution is based on a radical vision for creating networks that reach new heights in performance, security, scalability, and ease-of-use. Founded in 2003 and headquartered in Mountain View, CA, Mojo Networks delivers brilliant WiFi to many of the world's top brands and highest levels of government. Learn more about our vision and products at www.mojonetworks.com.

Case Study

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Request a personalized demo here or call us at +1 (877) 930-6394 or +44 (203) 751-5753

2