Tel Group
Case Studies
Wi-Fi for Schools

IT services Communications Security

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Case Studies

The Centre of Your School Technology

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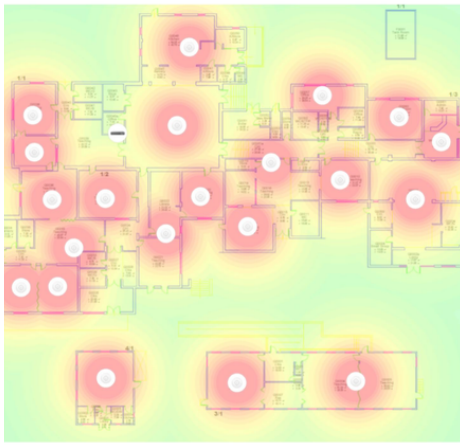


Tel Group

The Centre of Your School Technology

ABOUT US

Tel Group, formerly Telephone Europe, specialise in bespoke ICT solutions for the education sector.

Established in 2005, the company has continuously evolved to meet the ever-changing demands of technology, delivering flexible, future-proof and reliable solutions to the education sector.

We pride ourselves on our customer-focused approach which has enabled us to us to build a strong, reputable customer foundation of over 1000 schools and MATs nationwide.

Working closely with each of our customers to understand their specific requirements, we are able to provide bespoke solutions, on time and within budget.

PRODUCT PORTFOLIO

Working as your strategic education technology partner to provide communications, IT services and security solutions to schools.

Our services are designed specifically for the requirements of the education sector, helping to alleviate the pressures of technology.

IT Services	Communications	Security
IT Support Partnership	Telephone Systems	CCTV
Network Infrastructure	Calls & Lines	School Lockdown
Wi-Fi & Broadband	Mobiles	Cyber Security
Web-Filtering	Remote Working	Door Entry
IT Hardware		Vape Detectors

Mill Ford School

Wi-Fi | Broadband

MILL FORD SCHOOL

How Tel Group worked with Mill Ford School to improve their connectivity and coverage across the premises through the DfE 'Connect the Classroom' scheme.

THE CLIENT

Mill Ford is a school with a specialism in meeting the needs of children and young adults aged 3-19 with complex needs.

THE SITUATION

Mill Ford prides itself on delivering an exciting curriculum and learning environment, but their technology and connectivity was holding them back.

They were unsatisfied with the Wi-Fi coverage across their premises, with only 9 access points and no integration across sites. This was limiting their capabilities and impacting the learning and working environment for staff and pupils.

Mill Ford knew that for them to progress as a school and give their students the best opportunities, they needed to resolve their connectivity issues.

After getting in touch with our team to provide a quote, we quickly discovered that Mill Ford were eligible for the DfE's 'Connect the Classroom' scheme – a fully funded scheme that helps schools access an effective, wireless networking solution. This would save their school thousands of pounds on the essential upgrade.

We were pleased to be entrusted by Mill Ford to carry out the installation, working closely with the school and the DfE to provide a robust and reliable solution.

THE DFE CONNECT THE CLASSROOM SCHEME HAS RETURNED FOR 2022-24

Click here to find out if your school is now eligible.

Mill Ford School

Wi-Fi | Connect the Classroom

MILL FORD SCHOOL

THE RESULT

After being accepted onto the DfE Connect the Classroom scheme, Tel Group visited Mill Ford School to begin their Wi-Fi overhaul.

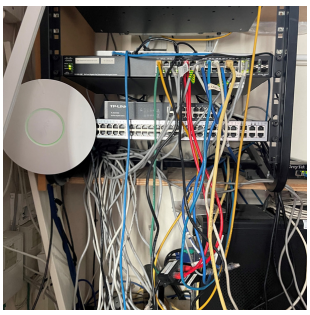
We began by providing brand new cabling, installing fresh Cat 6 cables upgrading them from Cat 5e. Additionally, we installed 18 internal APs and 1 external AP. This provided a huge overhaul from their previous 9 APs.

Mill Ford have 3 classrooms in buildings separated from the main premises so it was essential they were all on the same network. We made this possible by installing an additional 3 APs in the separated building for full network coverage. The two schools are now linked and on the same network.

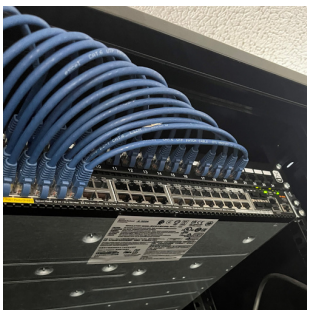
Their new fully funded Wi-Fi installation has now provided Mill Ford with a secure and reliable internet connection, allowing multiple devices to connect to the internet during the school day.

This robust and scalable solution will help Mill Ford deliver the exciting curriculum and learning environment they longed for.

> "I highly recommend Tel Group, David and Brendan were amazing to work with. Nothing was too much trouble!"
>
> **Andrea Howard - Mill Ford School**



Cabling Before



Cabling After

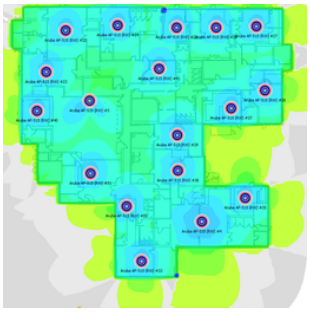
Access Points (AP)

Internal AP

External AP

AP Installation

Connecting Schools



Wi-Fi Coverage

John Bamford School

Wi-Fi 6 | Cat 6 Cabling

THE JOHN BAMFORD PRIMARY SCHOOL

How Tel Group worked with The John Bamford Primary School to provide undisrupted internet access across the premises with Wi-Fi 6.

THE CLIENT

The John Bamford Primary School is a thriving school in Staffordshire. With their vision of 'Learning for Life' being at the heart of everything they do, they strive to provide their children with an exciting, rich, and varied learning experience.

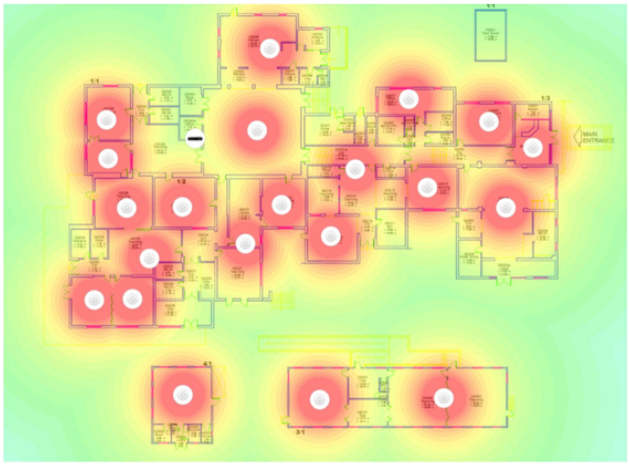
THE SITUATION

The John Bamford Primary School wanted to upgrade their Wi-Fi network and associated cabling to provide seamless coverage across the school site.

With an understanding of the steps they needed to take to meet Department for Education's Wireless Network Standards outlined in the DfE Meeting Digital and Technology Standards guidance, they knew they wanted their chosen supplier to provide Wi-Fi 6.

Tel Group were one of the education technology companies The John Bamford Primary School requested a quotation from.

After visiting the school, conducting a thorough site survey, and providing a competitive quote, which included a heat map to show coverage, the school selected Tel Group as their chosen supplier to fulfil their essential upgrade.



Wi-Fi Coverage - Heat Map

Support Multiple Devices

Improve Classroom Engagement

Improve Efficiency

Connect External Sites

Enhance Total Coverage

Fast, Reliable, Uninterrupted Service

Scalable Technology

John Bamford School

Wi-Fi 6 | Cat 6 Cabling

THE JOHN BAMFORD PRIMARY SCHOOL

THE RESULT

Our experienced engineers visited The John Bamford Primary School during the summer holidays to conduct the proposed project.

We set up and installed 21 Ubiquiti U6-Pro UniFi Wi-Fi 6 access points across the site, providing complete coverage to the entire school, including their mobile building and log cabin. The upgraded connectivity will enable teachers to utilise undisrupted internet access to provide a stimulating learning environment.

A Cat6 network point was also installed, enabling our engineers to replace all the school's previous cabling with Cat 6 cabling. This essential upgrade means the school will benefit from the superior Wi-Fi 6 speeds, which their previous cabling would have hindered. All associated cabling around the premises was hidden for safety and a seamless and tidy appearance.

Our engineers also replaced the school's ageing HP Switch with a new Ubiquiti Unifi switch for one of their cabinets.

After completion of the project, our engineers talked the relevant staff through the changes made and answered any remaining questions, leaving the team confident with their new wireless connection.

The John Bamford Primary School can now benefit from a fast, secure, and undisrupted internet connection to help them in their mission to provide an exciting, rich, and varied learning experience.

Internal AP

Internal AP

Upgraded Switch

Internal AP

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www.telgroup.co.uk

0800 652 1900 | info@telgroup.co.uk

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