

iQUILA IN EDUCATION

OUR CHALLENGE

As a school trust, we were searching for an SD-WAN solution to connect multiple schools and facilitate resource sharing from our central data centre. Additionally, we needed a reliable VPN solution for faculty to access server resources remotely.

KEY CHALLENGES



Connecting
multiple school
sites



Managing
multiple VLANs



Providing
remote access
for faculty



Ensuring
remote access
for students



Cost
considerations

THE SOLUTION

After an extensive proof of concept, we selected iQuila Enterprise over traditional SD-WAN solutions. The decision was based on its full Layer 2 functionality, allowing us to run the iQuila Enterprise server at our central data centre. By deploying iQuila Bridge devices at each school, we seamlessly extended Layer 2 and selected VLANs over the WAN to schools across the county. This enabled us to centralise resources and route all traffic through the trust's network. Using iQuila client software, we securely connected faculty and students to the trust's network.

KEY BENEFITS



Connect multiple school sites

The iQuila solution was ideal for our trust. It is simple to deploy, and as we integrate new schools into the trust, we can easily deploy the iQuila Bridge and tag the relevant VLANs, connecting the new school to our network. The iQuila Bridge does not require a fixed IP address, allowing us to use backup 5G on routers for larger schools, ensuring instant failover if the main line drops. The Layer 2 aspect of the solution maintains consistent connectivity regardless of the WAN used.



Remote access for faculty and students

The ability to securely connect faculty and students was a significant advantage for our trust. We deployed the iQuila client on school laptops distributed to students. The always-on connection provided by the iQuila software ensures faculty and students are always protected. By tunnelling all data to and from student devices through the trust's data centre, we can safeguard and web-filter all devices in real-time.



Cost efficiency

The iQuila Enterprise solution provided a cost-effective way to manage our network, ensuring secure and reliable connectivity for our faculty and students while centralising our resources and reducing overall expenses.

In summary, iQuila Enterprise met all our needs for connecting multiple school sites, managing VLANs, providing secure remote access, and maintaining cost efficiency. It has been instrumental in enhancing our network infrastructure and ensuring the safety and productivity of our faculty and students.

