

Enable adventurous  
learning in a safe  
environment



Fast, secure and reliable broadband  
designed for schools



## About us

# The Specialist Internet Service Provider

### Designed just for schools

Schools Broadband is a specialist Internet Service Provider to the education market, delivering faster broadband connections, together with a globally unique web filtering and network protection service.

### Cutting edge technology

When we started in 2007 we designed the best network possible, specifically to meet the needs of UK schools. We combined cutting edge technology with two of the world's foremost web filtering and security companies Lightspeed Systems and Fortinet. This allowed us to create a unique hosted system, giving schools a network dedicated to education, with affordable access to some of the world's best web filtering and security services.

### All-inclusive service

Our hosted system means there is no expensive equipment for schools to store or maintain, or any hefty licence fees to pay. Our broadband service is all inclusive, with absolutely no hidden extras, and gives you fully customisable, Ofsted compliant web filtering for all on and off-site school devices. As part of the same standard package, we provide unparalleled network protection, plus we give you the freedom to increase the number of internet users as and when you need, at no extra cost. It is this that sets us apart from any other internet service provider.

**We have a range of package options for every type of school. Please contact [sales@schoolbusinessservices.co.uk](mailto:sales@schoolbusinessservices.co.uk) or call us on 0345 222 1551 - Option 5.**

*“Since Schools Broadband took over the speed and reliability of our network has increased hugely.”*

Andrew Soutar | Head Teacher | Ashlands Primary School

For product details visit  
[www.schoolbusinessservices.co.uk](http://www.schoolbusinessservices.co.uk)

# The award-winning ISP for education

## ISPA Award

Our unique hosted firewall and web filtering system has achieved one of the highest accolades in the industry, and in 2014 was awarded the Best Business use of Cloud by the Internet Service Providers Association. We were also shortlisted from over 25 entrants to secure our place as a finalist for Internet Safety and Security both in 2014 and 2015.



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# Our network

## A national network dedicated to schools



### Instant high speed bandwidth

Using the industry's best vendors Cisco, Lightspeed Systems and Fortinet, Schools Broadband has invested in its own rock-solid national network, dedicated solely to education. This gives schools faster connection speeds ensuring access to instant high speed bandwidth all day, every day, 365 days a year.

### Complete Protection

Our network design ensures all your incoming and outgoing network traffic passes through our hosted filtering and security platforms. This ensures 100% of your school's traffic is completely safe before it enters your school, keeping your network and your students fully protected.

### Back up Service

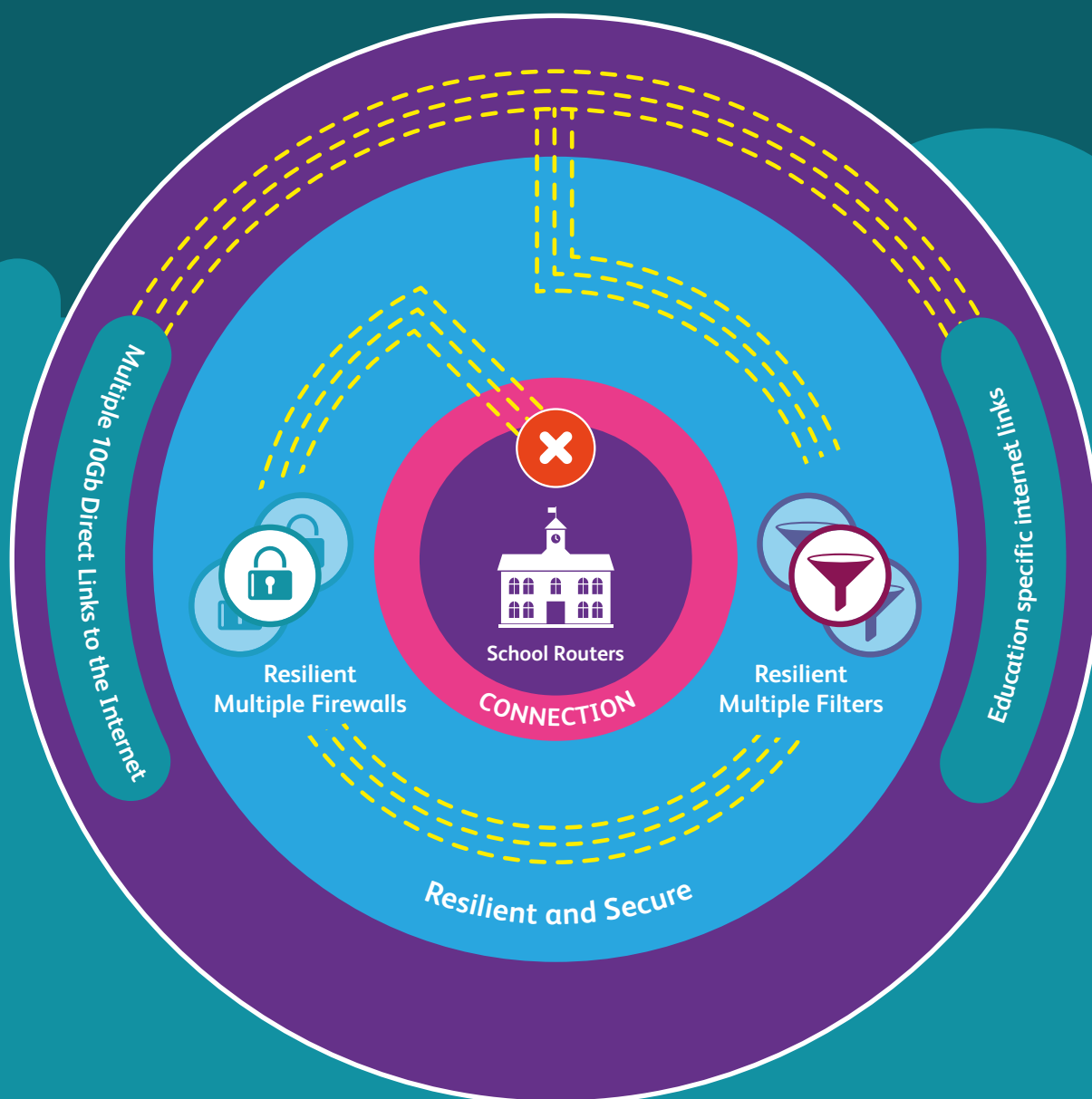
Unlike traditional onsite hardware that requires a site visit from an engineer should anything go wrong, our system means we look after all the equipment in our secure UK data centres. Of course, you still have full visibility and control of all your services, but in the unlikely event anything goes wrong, we provide a fully automated back-up service should it be required.

### Education specific network

We have built a UK schools specific network with direct links to all the main content schools use most. For example, as schools rely so heavily on Google searches, we have a direct link straight into Google's UK network, meaning search results come back faster.

*High speed bandwidth all day,  
every day, 365 days a year.*

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# Connection Options

## From fast to giga fast



### ADSL “Traditional Broadband”

ADSL is the most elementary of connections, running over a standard BT telephone line. This is generally used by schools where a fibre connection is not physically available.

BT is currently rolling out fibre around the country, so as soon as it becomes available we will upgrade your school to a fibre connection, known as FTTC. We will do this for free as part of a contract renewal. The maximum speed with an ADSL connection is 20Mbps download and 2.5Mbps upload.

### FTTC “Superfast Broadband”

FTTC or ‘Superfast Broadband’ as it is more widely known, uses fibre optic cables to help increase the speed of your broadband connection. The maximum speed is 80Mbps download and 20Mbps upload. Some of the advantages of FTTC are:

- You will generally experience a faster service all round
- It enables you to switch to online data storage solutions and access your files wherever you are
- It speeds up file sharing
- It enables online video conferencing and cloud based information sharing

*“We have just upgraded our Broadband and I wanted to express my thanks to you and say what a simple exercise it has been. Your engineer was incredibly helpful, polite and efficient. I would recommend the process to anyone who might be thinking about it as the level of support was so good.”*

Lindsey Hurdley | ICT Technician | Robert Bakewell School



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### **EoFTTC “Business Grade Broadband”**

EoFTTC is the next generation on from standard FTTC Broadband, bundled with many Leased Line features with the cost benefits of FTTC. It is an affordable and robust connection technology that we recommend for primary schools where it is available.

It gives schools:

- Up to 80Mbps download speeds with a maximum 20Mbps guaranteed
- A 99.90% SLA with a 24hour fix time and 24/7 support

### **Dedicated Leased Line “Private Fibre Line”**

Recommended for all secondary schools and larger primary schools, a Leased Line will give you your very own fibre connection which you won't share with anybody else. It will give you:

- The same download speed as upload speed (up to 10Gbps)
- The facility to grow your school as you like and use the most hungry of bandwidth software school wide
- 99.95% SLA with a 5 hour fix and 24/7 support

**As prices for leased lines vary according to the location of your school, you will need an individual assessment on your school to get you the best possible quote.**

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# Web Filtering

## The most advanced web filters available



### Designed specifically for schools

The Lightspeed System's web filtering solution is one of the most advanced available when it comes to protecting children from unacceptable online content and imagery.

### Ofsted Compliant

It has a more comprehensive set of education specific filters than any other available to schools, and subscribes to the Internet Watch Foundation and Home Office Terrorism Block List. This makes the filter fully compliant with Ofsted's latest inspection framework, and because it is part of our hosted system, the filters are automatically updated daily, with over one billion search entries grouped into education specific categories.

### Fully Customisable

School staff have the freedom and flexibility to customise the web filtering, right down to an individual's computer or mobile device, for however long or short a period of time. Staff receive automated alerts to any suspicious online searches, which will help achieve "Outstanding" from Ofsted. Real time and automated filter updates mean children have some of the best protection in the world against content and imagery relating to issues such as radicalisation, violence, pornography, cyberbullying and sexual exploitation.

### Quick look benefits

- See and report on all web use with the Lightspeed System's reporting function
- Receive alerts to suspicious online searches
- Block or allow websites for set periods of time at school, classroom, group or device level
- Control mobile devices when outside of school
- Lockout repeat offenders
- Staff overrides
- View up to three months' worth of historical internet usage

*"Schools Broadband was the clear choice because of the quality of the web filtering and security."*

Steven Hutton | Managing Director | Schools ICT





**Lightspeed Systems**  
GOLD+ PARTNER

For product details visit  
[www.schoolbusinessservices.co.uk](http://www.schoolbusinessservices.co.uk)

# Mobile Device Manager

## Control outside of the classroom

The Lightspeed Systems hosted Mobile Device Manager gives you the freedom to push and manage content to mobile devices and provides the same level of protection as schools receive for their on-site devices. Schools have total control in tailoring internet access on all iOS, Mac OS, Android and Windows devices distributed around your school. The Mobile Device Manager lets you:

- Delegate multiple levels of administration
- Set policies at school, classroom, group and device level
- Configure, lock and wipe devices remotely
- Force authentication
- Deploy and lockdown apps
- Integrate with the Apple Volume Purchasing Plan

***Our hosted filtering system now protects over 750,000 UK school children every day.***



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# Network Security

## The most advanced and cost effective security available



### Unparalleled Security

Our unique partnership with Fortinet, the global leaders in next generation firewalls, means there is no one more qualified than Schools Broadband to ensure the full protection of your school's network. And with the upsurge in changes to the threat landscape, security is more significant now than ever before.

Built on world-leading carrier grade technologies, our Fortinet Managed Security Service is the only one of its kind dedicated to education in the UK. An affordable and higher grade solution, we can connect any number of schools, regardless of their location, to the most advanced and cost effective security services available.

### Peace of mind

Costs once associated with purchasing new firewall equipment, now struggling to keep pace with the avalanche of new threats, become an expenditure of the past. We look after all the equipment in our state of the art data centres, ensuring everything is in warranty and up to date, giving you complete peace of mind. You won't have to worry about the funding of licences and the risk of damage and theft to your equipment is dramatically reduced. Your IT staff will still have complete control and visibility of your school's network, enabling them to ensure the safety of your children and your network.

*"We're a large secondary college and have quite a complex set-up on our internal network with multiple VLANS and Windows Domain Controllers. Schools Broadband installed everything to integrate with our network so that we didn't have to reconfigure it. We now have a dedicated 1:1 fibre leased line with 1000Mbps, which is twice the speed supplied by the local authority."*

The Latimer Arts College



### Integral Resilience

Our hosted solution incorporates the largest number of FortiGate Virtual Firewalls per cluster in Europe, and is able to detect and respond to new threats globally by the hour. In the unlikely event of a problem, a duplicate back-up service automatically kicks in, providing your school with continuous protection against the world's most advanced threats.

***Fortinet is officially the Industry's  
Most Effective Enterprise Firewall.***

### Quick look benefits

- Full visibility, granular control and real-time protection against the latest Advanced Persistent Threats
- One single, simplified system that combines firewalls, intrusion prevention, antivirus, e-mail filtering and application control
- Hourly system updates to protect against the latest and most advanced threats
- Unrestricted protection, as there is no per user charge. It comes as part of your flexible package
- Peace of mind, as we manage and monitor your firewall and network 24/7/365

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# Secure Private Networks

## For Multi Academy Trusts



### Central Control

Schools Broadband uses a new technology that enables secure, high-speed networks to privately connect multiple school sites as if they are all on the same network. Best described as an extended Local Area Network, you can manage networks, servers and devices across multiple schools from one central point, making it ideal for Multi Academy Trusts and school chains.

### Improved Quality

Whilst traffic such as voice video and data gives the appearance of running on the same Local Area Network, in reality, the Virtual Private LAN Service (VPLS) technology keeps each service separate from the other, providing added security, simplicity, economy of scale and quality of service.

### Pay-as-you go

A VPLS network gives schools the option of locating their school servers within our high security UK data centres, where they will be fully managed by qualified and experienced staff. We also provide a virtual, scalable computing resource built specifically for schools, allowing you flexible growth capabilities and the ability to pay as you go.

### Quick look benefits

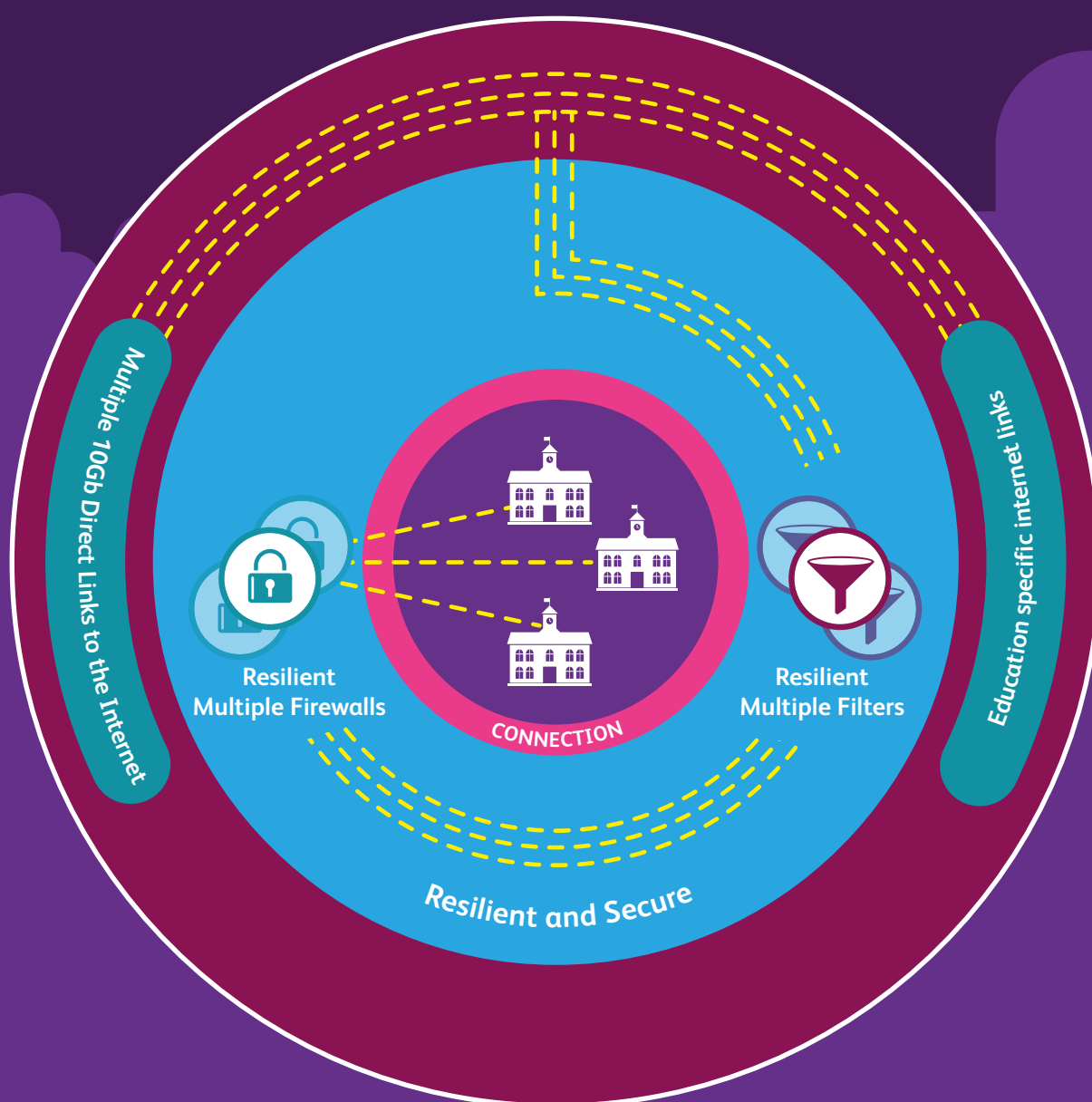
- Secure private data network across multiple sites
- Simplified network management from one central point, making it easy to add and change sites
- Fully supported product with true end-to-end quality of service
- Intelligent distribution of bandwidth allows multiple services such as Voice, internet, server and WAN

***Private networks designed for maximum security.***

*“Because of our ongoing expansion as a trust group, we always knew we wanted a VPLS for the school. This is now in place and is delivering far more than we could have hoped for. So far we have been using the VPLS mainly for our new finance system and remote support, but other converged communications are in the planning.”*

Luke Nicolaou | IT Director | GLF Learning Foundation

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# Experienced and qualified UK teams

## Exceeding Expectations



### Continous Support

From your first point of contact with a Schools Broadband partner, through to your installation and service support, we have dedicated and qualified teams of experts either at our UK based head office or via our national network of partners.

- Our experienced service delivery team is led by qualified PRINCE 2 staff, to ensure all of our service transfers run as seamlessly as possible
- Technical support is provided by either our fully qualified partners or our own UK-based technical service

- Unlike many other education ISPs, the Schools Broadband network is controlled entirely by our own UK based Network Operations Centre (NOC). We never outsource any of our staff or maintenance
- All our engineers are officially accredited with our hardware vendors assuring you and your IT support company of the best service at all times.
- Any broadband equipment that we provide is covered by warranty and, in the unlikely event you should suffer a hardware failure, Schools Broadband will take total financial and technical care to resolve the issue

### Customer Portal

The Schools Broadband Customer Portal gives you instant visibility of up-to-the-minute statistics on your broadband usage. You'll be more informed about the traffic on your network, allowing you to pro-actively manage your requirements.

*“We wouldn’t hesitate in recommending Schools Broadband to anyone and feel they offer a service which compares to none.”*

Chris Bennett | IT Network Administrator | The Faringdon Academy of Schools

## Additional products for additional benefits



### Additional Benefits

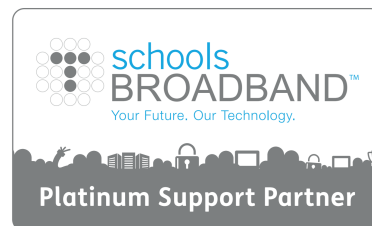
We also provide a host of other services to schools. Whether you're looking to replace your phone system, save money on your phone bill, require a secure off-site back-up service or an on-site wireless network or even support for your on-site computers, between us and our national network of approved education specialist IT providers we have a solution.

If you have any questions, need advice or require more information please feel free to contact us.

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Schools Broadband is a specialist  
division of Talk Straight Group.

