



# Safe and secure connections designed for digital learning



# Who we are

emPSN are a not for profit managed service provider connecting schools, MATs, colleges and local organisations to **safe, secure and stable** internet networks that either meet or exceed the DfE standards.

Over 20+ years providing managed broadband services to schools and local authorities

FREE access to National Educational Network and Listening Books for SEND pupils

An integrated suite of security features

Access to a catalogue of trusted suppliers

emPSN manages connections for over 700+ schools and local authority sites, from small primaries with fewer than 100 pupils to multi-site academies with thousands of learners, to blue light services. We can adapt our offering to ensure that your school community has the connection and network access most suited to your needs.

Our small friendly team are based in Northamptonshire, and we work with trusted service providers, each of which has been through a stringent public sector procurement process, to offer a variety of benefits including a choice of buying options. All the services you take from emPSN are issued on just one bill.

*"Our upgraded fibre circuit has transformed our admin and our teaching. Before it was installed, we had to update our website from home and could only access online teaching resources in certain areas, definitely not outside. Now we can complete admin and teaching tasks anywhere in school all the time."*

Mrs Sarah Brown  
Flagg Nursery School



# Tailored for schools

## Why partner with emPSN?

### A fully managed service via our trusted suppliers

Our services are provided through reputable providers, that have been tried and tested since 1999.

### A dedicated technical support team

Should there be a fault, be that with your connection, filtering, firewall, router, etc, our dedicated team will monitor and assist in resolving the issue from start to finish.

### DfE and Keeping Children Safe in Education (KCSiE) compliant

We work closely with the DfE and the National Education Network (NEN) to establish the safeguarding standards, that are so important to all centres of education.

As a schools-based provider, all our protections and systems are specifically designed to meet or exceed the minimum standards set out by the Department for Education (DfE).



emPSN meet the DfE and UK Safer Internet Standards and Guidelines.

### Connectivity via the Janet Network

Our service is routed via the Joint Academic Network (Janet) which has been responsible for our much envied record of zero DDos (Distributed Denial of Service) attacks on any of our schools, with none even hitting our firewalls since 2020.

The Janet Network is a gateway to Jisc's Critical Services Protection, a suite of world class cyber security features that are included in your emPSN broadband package at no extra cost.

A resilient  
network with  
essential  
key services

# Security and peace of mind

Equipment	Standard Features	Additional Features
Industry leading routers	✓	
Remotely managed	✓	
Strict SLAs for on site replacement*	✓	
Strict SLAs for target fix on circuits*	✓	
Warranty throughout duration of contract	✓	
Configurable for multi-sites		✓

Safety and Security	Standard Features	Additional Features
Fully managed firewall	✓	
Individual tailored firewall rule set to accommodate your needs	✓	
RIPE allocated IP Addresses	✓	
Jisc Critical Services Protection providing DDoS mitigation	✓	
On-network secure access to applications and services through JANET peering	✓	
National Cyber Security Centre (NCSC) alerting	✓	

Support	Standard Features	Additional Features
Dedicated support team assisting with technical queries	✓	
Helpdesk support	✓	

Benefits	Standard Features	Additional Features
Listening Books - Online access to audiobooks for SEND pupils	✓	
National Education Network (NEN) - Learning resources for the education community	✓	
Quality of service across the network	✓	
Customer bulletin - helpful resources and online safety news	✓	

A choice of service options from trusted suppliers	Standard Features	Additional Features
Web Filtering transparent filtering and BYOD		✓
Web monitoring		✓
DNS Hosting		✓
SSL Certificates		✓
VOIP Services		✓
Malwarebytes		✓
Integration of 3rd party services		✓

\*refer to service operation manual (SOM)

# Critical Services Protection

All of these exclusive security protections are included in your emPSN Broadband and Managed Service package and help you meet and exceed the standards for Keeping Children Safe in Education.

Features (What It's Called)	Advantages (What It Does)	Benefits (How It Helps)
<b>Critical Services Protection</b>	By providing instant, and 'always-on' mitigation, Jisc's critical services protection, which a suite of security services, adds an additional layer of defence to help you maintain business continuity.	Being able to demonstrate that appropriate business continuity measures are not just in place, but regularly tested and refined, is a fundamental requirement for schools, under DfE guidance. <b>CSP is only available to schools via the National Education Network of which emPSN is a founder member.</b>
<b>Connectivity</b>	Janet is a private uncontended network with built in world-class cyber security protection.	Created to be exclusively used by education and research entities, connecting via Jisc/ Janet provides unmatched built-in cyber security and benefits from over 600+ direct peerings, meaning your traffic never hits the public internet.
<b>Foundation DDoS Mitigation</b>	Detecting and filtering distributed denial of service (DDoS) attack traffic across the Janet Network.	If an alert is triggered, traffic is filtered, and re-routed using carefully selected criteria allowing, appropriate business-as-usual traffic to flow safely to and from the school's network.
<b>Janet Network Resolver Service</b>	Offers advanced DNS protection.	Helps to protect your organisation by preventing your devices and network from accessing known malicious or compromised websites.
<b>CSIRT Computer Security Incident Response Team</b>	Their primary function is to monitor and resolve any security incidents, with specialists tracking a range of platforms, including Unix, Linux and Windows.	Jisc's CSIRT team provides the first line of defence against cyber threats. Their world-class incident response service works to create a secure environment for your school by monitoring and resolving security incidents that occur on your network.
<b>Primary Nameserver and Secondary Nameserver</b>	This primary nameserver service holds and maintains the main source of domain name information for organisations connected to the Janet network.	Supported by secondary nameservers, this core service allows emPSN to publish and manage your DNS records on a central nameserver through a secure web portal.
<b>Allow and Deny Lists</b>	Access Jisc's copies of several leading DNS Allow and Deny Lists in order to protect your school's users from email abuse.	Deny lists will enable the school to block 'unwanted' email, while at the other end of the spectrum, allow lists will let 'wanted' email get through to end-users.
<b>Certificate Service</b>	Manage the schools SSL, email and other certificates all in one place including EV and OV and S/MIME	Allows the sector to purchase SSL certificates at a discounted rate due to Jisc's negotiations.



# Your partner for fast, reliable and safe connectivity

- Align your school broadband with the latest requirements for DfE Keeping Children Safe in Education.
- Peace of mind against increased threats in cyber security with 'best in class' protections.
- Benefit from over two decades of network experience providing managed broadband services for schools and academies.
- Work with a not for profit organisation who re-invest in services and deliver for the public good.

**Contact and Support Information**  
**01604 879869**



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