



Package Options





For Schools and MATs of all sizes



6 x ISPA Award
WINNER



Connection Options

	 Superfast Fibre	 Superfast Fibre Plus	 Ultrafast Fibre	 Ultimate Fibre
Technology	FTTC	EoFTTC	FTTP/Gfast*	Leased Line*
Download Speed	Up to 80Mbps	Up to 80Mbps	Up to 1Gbps	From 10Mbps to 10Gbps
Upload Speed	Up to 20Mbps	Up to 20Mbps	Up to 220Mbps	From 10Mbps to 10Gbps
Guaranteed Speed	No	Yes	No	Yes
Recommended School Type	Primary	Primary	Primary	Primary/Secondary
Connection Details	<p>“Superfast” broadband</p> <p>Fibre from the BT exchange to the street cabinet (hence Fibre To The Cabinet (FTTC))</p> <p>Delivered via copper from the cabinet into the school</p> <p>No SLA available for this broadband</p> <p>48hr mean time to repair</p> <p>School provides phone line - or we can at additional cost</p>	<p>Same as FTTC but uses an MPF line</p> <p>Terminated on Ethernet at each end giving guaranteed speed up to 20Mbps</p> <p>Dependent on distance from the cabinet to the school</p> <p>99.5% SLA</p> <p>24hr mean time to repair</p>	<p>Up to 12 times faster than Superfast Fibre (EoFTTC)</p> <p>Capability to deliver via copper and fibre</p> <p>Excellent substitute if a Leased Line is cost prohibitive</p>	<p>Private Fibre Line</p> <p>Fibre from the exchange into the school building</p> <p>Speeds are guaranteed</p> <p>Synchronous: same upload and download speeds</p> <p>99.95% availability SLA</p> <p>5hr mean time to repair</p>

Benefits for Filtering and Security “Plus” package

The upgrade path to a larger virtualised FortiGate requires no capital expenditure costs

As no power or rack space is used onsite for firewall / filtering there are no capex costs

A virtualised FortiGate requires zero disposal of out of date hardware

As there is no per-user licensing, the virtualised FortiGate does not require annual licence renewal

Our virtualised FortiGates have spare hot swap devices as a minimum (all FortiGates are in an N+1 set-up)

An onsite FortiGate is next day hardware swap out at best

Service Installation Notes

- The line installation & Broadband configuration is managed by Schools Broadband
- The school or the partner installs the router at the school site then contacts Schools Broadband installation team for handover
- Some on-site configuration work may be required at the school site which some partners charge for

*The Department for Education's broadband standards for schools and colleges recommends speeds of:
 100Mbps Download and 30Mbps Upload for Primary Schools
 1Gbps Download and Upload for Secondary Schools.
www.gov.uk/guidance/meeting-digital-and-technology-standards-in-schools-and-colleges

Filtering and Security Options

For all packages there is the option to have a second resilient router configured to auto-failover.

Managed	Plus As per Managed, and:	Ultimate UTM As per Plus, and:	Ultimate UTM & Analytics As per Ultimate UTM, and:
Router - Onsite device - Provides standard level firewall - No next generation features of UTM firewall	Router - Onsite device for routing only	Full FortiGate UTM Unified Threat Management licence provides: Application Control e.g. Block Drop Box or VPN by-pass applications Enhanced QOS Profiles Limits bandwidth available to BBC iPlayer, Microsoft updates, Apple updates etc. Data Leak Prevention Data type & file tagging restricts unauthorised document sending, supporting GDPR In-line anti-virus scanning Scans all inbound traffic for viruses IDPS (Intrusion Detection and Prevention) Monitors, identifies, logs, reports & blocks malicious activity. e.g. attempted hack into network Email Filter Although most schools use O365 or Gmail which does this for them FortiGuard 0-day Threat Protection Protection against newly identified threats within one hour Suitable for centralised MAT firewalling Enables single management of all schools' networks. Allows secure inter-site traffic	Virtualised FortiAnalyzer Provides enhanced analytics Report and Analytics Service on all UTM features Security Reports Over 30 pre-defined reports Integrated Security Integrates with FortiClient Endpoint Security for end to end, integrated security and analytics Automated Indicators of Compromise (IOC) Recognition of activity patterns & creation of alerts where suspicious Powerful NOC / SOC Dashboard Min. 30-day log retention Central security log for VPLS / MPLS WAN Works over multiple sites
Filtering Dedicated virtual Netsweeper filtering Education specific filter AD Integration Per user-level filtering and reporting as standard DfE/Prevent Duty compliance Easy website blocking and unblocking Resilient filter No congestion for schools Extremely resilient platform Full control of filtering policies by school or support partner	Filtering Full reporting suite – 45 pre-defined reports Filter devices off-site		
	Firewall Dedicated FortiGate next Generation Firewall Managed by Schools Broadband Equivalent of a dedicated onsite FortiGate 100E		
	VPN Allows schools remote access into school network 2 Factor Authentication		
	Secondary Schools Only in Plus		
	Firewall FortiGate wireless controller Full access to FortiGate platform by school and/or partner to manage firewall rules SIP Trunk Channels 10 free channels/ISDN replacement for 1 year Worth £540pa Basic QOS Profiles		
	Secondary Schools Only in Plus	Secondary & Primary schools in Ultimate Packages	
Managed or Self-Managed Firewalls Resilient hosted FortiGate firewall (N+1 set-up) Hosted in Tier 3 Data Centre Dual AC Power from resilient feeds Hot swap data centre spare for immediate hardware swap-out 4 hour guaranteed hardware fix Similar to onsite firewalls but has faster guaranteed hardware fix time 99.9% uptime guarantee			
Enhanced Off-line Computer Management - Senso Cloud - 3 month free trial	Enhanced Off-line Computer Management - Senso Cloud - 3 month free trial	Enhanced Off-line Computer Management - Senso Cloud - 3 month free trial	Enhanced Off-line Computer Management - Senso Cloud - 3 month free trial
Remote Setup	Remote Setup	Remote Setup	Remote Setup
	Software Upgrades Conducted remotely by Schools Broadband		



For more information please
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Schools Broadband is a specialist
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