

School ICT Planning - Infrastructure Quick View

Better 

Inter-building network cabling Penetration	No network cabling between buildings.	Network cabling between some buildings.	Network cabling between most buildings.	Network cabling between all buildings.
Inter-building network cabling Standard	Cabling installed in ad-hoc fashion, not to any particular standard.	Mixture of external grade copper and fibre.	Most buildings linked with fibre and or cat 6 copper - not warranted.	All buildings linked with copper/fibre installation. Documented and warranted.
Intra-building network cabling	No permanently installed cabling. (Hubs under tables, loose cables running around floor/walls.)	Most rooms don't have enough outlets. Mix of permanently installed cabling and ad-hoc additions.	All rooms permanently cabled, with sufficient outlets available for all computers.	All rooms professionally cabled. Documented with maps and test results.
Active network equipment	10Mb Hubs in some areas. Most not in cabinets, but equipment housed under tables, in cupboards, etc.	All 100Mb switches, unmanaged, though not all housed in cabinets. Some equipment connected directly to switches.	Managed switches in Campus Distributor. 1Gb uplink to some buildings. All building equipment in cabinets.	All 100/1000 managed switches, housed in secure cabinets with 1G uplink to all buildings. Professionally segmented and documented.
Wireless network equipment (Optional)	No wireless access.	Domestic style access points without security. Ad hoc, install as required.	Higher speed equipment with secure access in some areas.	Access available across entire site, full security and documentation.
Server infrastructure	No Server.	Basic file sharing using shared group folders, on standard computer.	Secure file sharing on dedicated server hardware, with home folders for some teachers and students.	Fully managed server providing secure file sharing for all teachers & students, intranet facilities, group folders, full backup.
Desktop & Laptop Computers	Mix of new and older equipment with a variety of OS versions installed.	Predominantly new equipment with ad-hoc installation of OS and application software across the school.	Predominantly new equipment with current OS and local imaging facility. Common image across all computers in the school.	All current warranted equipment with standard OS installed and network imaging facility. Software and hardware all documented.
Printing	USB printers connected directly to computers in classrooms.	USB printers shared amongst computers in classrooms or building.	Combination of local USB printing and network printing.	Network printing available across school with printers suitably located. Some local printing for specialised applications.
Hardware Support	Each teacher looks after the equipment in their own classroom.	Teacher looks after equipment as required, with casual relief.	Regular time allocation for teacher or reegular funded contractor.	All hardware managed by systemic ICT staff or contractors. Management direction supports school ICT plan.