



Education
Funding
Agency

PSBP ICT Equipment Summary

Saddleworth School

INSTRUCTIONS

Please complete this summary questionnaire with as much detail as you can. Your EFA project team will review the responses provided and may request additional clarity on specific items. Once completed, this document will be made available to bidders as part of the School Specific Brief. The information requested will assist in ensuring that through procurement, informed and relevant questions are raised.

This summary complements the ICT Design Guide/Facilities Output specification* (the ICT Infrastructure and Decant requirements), by providing additional relevant information.

* Delete as appropriate

Document Control:

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Introduction

The purpose of this document is to supplement the ICT design guide and responsibility matrix by providing detail that is specific to Saddleworth School, in particular:

- **How ICT is used to support learning, teaching, management and administration**
 - **How technical support is provided**
 - **An indication of the volume of equipment, existing and yet to be purchased, that will need to be decanted into the new building.**
 - **Highlight key technology priorities to be taken into account in the design development and infrastructure solution for the scheme.**
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- **Overview of the School's use of ICT to support learning, teaching, management and administration:**

ICT is used extensively throughout the school to enhance teaching & learning in all subjects.

Each teaching space is equipped with a fixed PC and interactive whiteboard & projector and most have access to printing.

In most departments students have access to a variety of interconnected computer devices including PCs, laptops and more recently tablets. Some areas are equipped with custom equipment such as the language lab or recording studio. A web based VLE provides a central location for information and resources both for the classroom and extra-curricular. Students can access email and documents from home and some are using the new remote desktop technologies to access school based software from home and out-of-hours.

The schools MIS (SIMS) database is used for student & personnel administration, e-registration, assessment and as the source for other connected systems including library & cashless catering and the e-communication service. A bespoke intranet integrates with the MIS & VLE to provide custom tools for the staff & students including behaviour and achievement monitoring and reporting, live timetable view, lesson toolkits (email control, internet access, attendance and assessment graphs etc) plus much more.

Email is available for staff and students. Exchange is hosted on-site and is used extensively by staff for email and calendar and for students in lessons and at home.

Laptops are used in some departments primarily by students. There is a small pool of laptops available to staff in each department.

Other standalone ICT systems currently separate to the MIS database include CCTV and electronic 'proximity card' door access system.

1.1 Technical Support Model:

ICT Services Manager	Redacted
Network Manager	Redacted
Other technician staff (number of members of staff)	Redacted
Off-site support company/school (name and contact details)	N/A
Call-off days / regular visits / as required	N/A

(please indicate number of days or regularity of visits if applicable)	
Other arrangements, e.g. Partner School	N/A

- Existing ICT Networking Equipment Summary:

1.2 Active infrastructure (Switches and Routers):

The school has a single network for use by all staff and students. VLANS are used to segment physical and administrative areas.

Most backbone links are 1GB carried over OM1 fibre. Some recent additions are OM3 fibre.

All switches are HP Procurve.

Switches are managed using HP's Procurve Manager software or directly with telnet by the IT Manager or Network Manager

The network switches are:

Type	Manufacturer	Model	Purchased	Warranty Expires	Quantity
10/100/1000	Redacted	Redacted	Redacted	Redacted	Redacted
10/100/1000	Redacted	Redacted	Redacted	Redacted	Redacted
0/100/1000	Redacted	Redacted	Redacted	Redacted	Redacted
10/100/1000	Redacted	Redacted	Redacted	Redacted	Redacted
10/100	Redacted	Redacted	Redacted	Redacted	Redacted
10/100	Redacted	Redacted	Redacted	Redacted	Redacted

1.3 Wireless solution:

Redacted

The Wireless equipment is as follows:

Type	Manufacturer	Model	Purchased	Warranty Expires	Quantity
Access Point	Redacted	Redacted	Redacted	Redacted	Redacted
Access Point	Redacted	Redacted	Redacted	Redacted	Redacted
Access Point	Redacted	Redacted	Redacted	Redacted	Redacted

1.4 Future Plans for networking equipment:

There are no current plans for additional fixed ICT suites although new network points are added as the need arises. We would hope the new infrastructure will support greater bandwidth than our current 1Gb/s maximum and plan to replace key networking equipment to support this or allocate funds to replace it at a later date.

The school is looking to re-purpose some older desktop machines as thin clients. We also plan to replace some laptops with other mobile devices such as tablets and are currently looking to purchase Redacted. The wireless network would likely be upgraded to support these devices and take advantage of the new specifications and higher wireless connection speed.

- Existing Server Infrastructure:**

The following servers are installed in the school:

Type	Manufacturer	Model	Quantity	To be decanted
Rack	Redacted	Redacted	Redacted	Redacted
Rack	Redacted	Redacted	Redacted	Redacted
Rack	Redacted	Redacted	Redacted	Redacted
Tower	Redacted	Redacted	Redacted	Redacted
Tower	Redacted	Redacted	Redacted	Redacted

We are currently investigating the possibility of re-purposing older desktop clients as thin clients and investing in hardware and licensing to enable this.

The school plans to retire 3 rack and 2 tower servers and replace them with 2 or 3 new rack servers.

The current storage solution may also be upgraded to provide greater storage and redundancy.

• **Existing ICT Equipment:**

Does the School have a maintained, current ICT Inventory\ Asset Register that could be made available?

Details of the Asset Register:

Who manages it:[IT Manager / Network Manager / Finance Officer]

File format: [Spreadsheet / Web app (Schools Asset Manager)]

Date it was last updated:[27/09/2013]

1.5 User Devices:

The following User Devices are:

- used in the school and planned to be decanted; or
- planned to be purchased prior to decant:

Existing or Planned:	Type:	Quantity:	Comments:
	Redacted	Redacted	
	Redacted	Redacted	
	Redacted	Redacted	
	Redacted	Redacted	
	Redacted	Redacted	
	Redacted	Redacted	
	Redacted	Redacted	

1.6 Audio Visual Equipment (including Data Projectors, Interactive White Boards and Display technology)

The following Audio Visual equipment is:

- used in the school and planned to be decanted; or
- planned to be purchased prior to decant :

Existing\Planned:	Type:	Quantity:	Comments:
Existing	Redacted	Redacted	Redacted
Existing	Redacted	Redacted	Redacted
Existing	Redacted	Redacted	Redacted
Existing	Redacted	Redacted	Redacted
Existing	Redacted	Redacted	Redacted
Existing	Redacted	Redacted	Redacted
Existing	Redacted	Redacted	Redacted

1.7 Performance Areas – Sound and lighting control (Hardware only):

Do you have any sound or lighting control systems within any performance areas?

Redacted

Redacted

1.8 Future Plans:

Current future plans include:

Redacted

- **Building and Facilities Management Systems**

Do you have any of the following systems in operation in the current building?

Cashless Catering	Redacted	Panic Alarm\Call Systems	Redacted
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Internal CCTV	Redacted	Internal Access Control	Redacted
TV Signal\Aerial	Redacted		

For each system above where you have entered 'Yes', please provide a short description of the equipment, including vendor, location and product specification. Please include any relationship with third parties where relevant, for example, leasing arrangements, company concerned, and expiry date of lease.

Cashless Catering:			
Vendor:	Redacted		
Location:	Redacted		
Specification:	Redacted		
Number and type of devices connected to the network, e.g. cash loaders, tills:	Redacted		
Support/finance arrangement:	Redacted		
Internal CCTV:			
Vendor:	Redacted		
Location:	Redacted		
Specification:	Redacted		
Number and type of devices connected, IP or standalone system, e.g. cameras, central control station:	Redacted		
Support/finance arrangement:	Redacted		
Panic Alarm\Call Systems:			
Vendor:	Redacted		
Location:	Redacted		
Specification:	Redacted		
Number and type of devices connected to the network, e.g. panic buttons:	Redacted		
Support/finance arrangement:	Redacted		
Internal Access Control:			
Vendor:	Redacted		
Location:	Redacted		
Specification:	Redacted		
Number and type of devices connected, e.g. key fob, card, biometric readers:	Redacted		
Support/finance arrangement:	Redacted		

- Voice and Data Services**

The following voice and data services are currently used by the school:

Broadband\Fibre Connection		Telephony	
Provider	Redacted	Redacted	Redacted
Speed	Redacted	Redacted	Redacted
	Redacted	Redacted	Redacted

Is the broadband service\connection shared with any other school or service provider either locally or on site?

No*

***The school has a 100Mb link to the local authority. The internet feed is shared at the authority with most other primary schools in the borough and some of the secondary schools.**

END