SITE survey. APP

SITE SURVEY REPORT

Rack Audit

Prepared for	Bramley Court, Sheffield (fictional)
Date	28 Sep 2026
Site	Bramley Court, Sheffield
Prepared by	G. Lindqvist

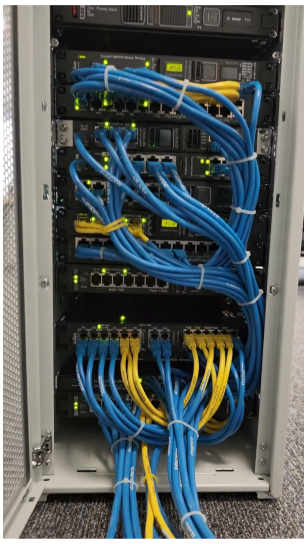
FORM

Rack Audit

1. Location

Project	Bramley Court, Sheffield: comms cabinet audit
Site	Bramley Court business centre, Sheffield
Room or comms cupboard	Ground floor open office, beside the print area
Cabinet ID	CAB-G01
Rack size (U)	24
Cabinet lock	Lockable, found unlocked

Photos of the front, doors open



Photos of the back



2. Equipment

Equipment 1: 23

U position	23
Height (U)	1
Device	Router or firewall
Make and model	Small business firewall
Labelled?	Yes
Powered on?	Yes

Equipment 2: 21

U position	21
Height (U)	1
Device	Patch panel
Make and model	24 port Cat6 patch panel
Labelled?	Yes

Equipment 3: 20

U position	20
Height (U)	1

Device	Network switch
Make and model	24 port PoE switch
Labelled?	Yes
Powered on?	Yes

Equipment 4: 18

U position	18
Height (U)	1
Device	Patch panel
Make and model	24 port Cat6 patch panel
Labelled?	Yes

Equipment 5: 17

U position	17
Height (U)	1
Device	Network switch
Make and model	24 port PoE switch
Labelled?	No
Powered on?	Yes

Equipment 6: 13

U position	13
Height (U)	1
Device	Network switch
Make and model	48 port switch
Labelled?	No
Powered on?	Yes

Equipment 7: 8 to 9

U position	8 to 9
Height (U)	2

Device	Storage or NAS
Make and model	4 bay NAS on a shelf
Labelled?	Yes
Powered on?	Yes

Equipment 8: 1 to 2

U position	1 to 2
Height (U)	2
Device	UPS
Make and model	1500 VA rack mount UPS
Labelled?	Yes
Powered on?	Yes
Items recorded	8
Items with no label	2
U used	10
U free	14
Space used (%)	42

3. Power and cooling

Number of PDUs	2
PDU rating (A)	16
Highest PDU reading (A)	9.8
Highest PDU load (% of rating)	61
Is there a UPS?	Yes
UPS status on the display	Normal
UPS load on the display (%)	58
Runtime on the display (minutes)	11
Runtime the site needs (minutes)	15

> Runtime is shorter than the site needs. Check the batteries and the load.

Is dual-corded equipment fed from two different PDUs?	No
Load notes	PDU 1 reads 9.8 A, PDU 2 reads 4.1 A. NAS has two power supplies, both plugged into PDU 1. Move one lead to PDU 2. UPS shows 11 minutes at 58% load; the centre wants 15 minutes to shut the NAS down cleanly.
Temperature at the front of the cabinet (°C)	27
Temperature at the back of the cabinet (°C)	35.5
Rise front to back (°C)	8.5
Cabinet fans	No fans fitted
Are empty U spaces fitted with blanking plates?	No

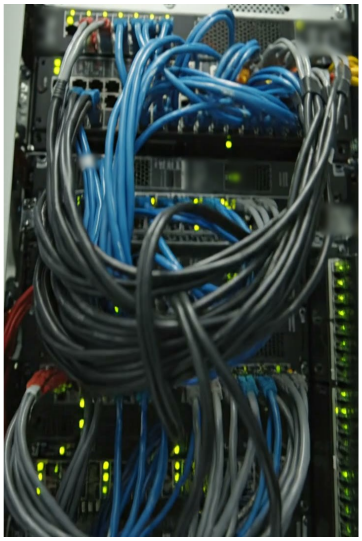
4. Cabling

Is the patching tidy?	No
Does the labelling meet the site standard?	No
Cable management	3
Checks needing action	5

> Counted from: cabinet not locked, UPS not normal, dual-corded kit on one PDU, front temperature above 27 °C, fans not working, no blanking plates, untidy patching and labelling not to the site standard.

Issues found	Unlabelled cables, Loose or unsupported cables, Cables blocking airflow, Power and data not separated

Photos of the issues



Action needed	Lock the cabinet and give the key to the centre manager. Dress the power leads at the back onto cable bars, away from the data cables. Label the two unlabelled switches and their uplinks. Fit blanking plates in the empty U. Move one NAS power lead to PDU 2. Book a UPS battery test: 11 minutes of runtime is short of the 15 minutes needed.
Who will do this?	G. Lindqvist, Northline IT Services
By when?	9 Oct 2026

Auditor sign-off

Name	G. Lindqvist
Date	28 Sep 2026
Auditor signature	
Site contact told of the findings	H. Pryce, centre manager, told on the day