

Ref: FOI/GS/ID 4730

Please reply to:
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Freedom of Information Act 2000

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to IT infrastructure.

You asked:

1. *What is your organisation's IT spend in FY17/18 and projected for FY18/19?*
2. *Does your organisation outsource any or all of its IT infrastructure?*
3. *What elements of your IT infrastructure are managed by a cloud provider?*
4. *Does your organisation plan to move to a cloud-based service in the next 2 years?*
5. *What percentage of your servers are virtualised and what virtualisation platform do you use?*
6. *How does your organisation manage data storage?*
7. *How many servers does your organisation have and are these owned or leased?*
8. *Please specify your organisation's network suppliers, annual spend and contract renewal dates*
9. *Please outline the extent of your trust's WiFi coverage?*
10. *Does your organisation have a BYOD or CYOD policy?*
11. *What mobile device management (MDM) software does your organisation use?*
12. *Does your organisation have a mobile threat prevention solution?*
13. *What devices are used by your organisation?*
14. *What video/web conferencing software does your organisation use?*
15. *What desktop operating system software is used by your organisation?*
16. *What personal office productivity software is run by your organisation?*
17. *Does your organisation use NHSmail or a locally hosted email system?*

Trust response:

Please see the attached table.

What is your organisation's IT spend in FY17/18 and projected for FY18/19?	FY17/18	FY18/19
Overall	8.34	7.52
Capital	2.34	1.52
Revenue	6	6

Does your organisation outsource any or all of its IT infrastructure?	Yes/No	If yes, who is the main supplier or shared service provider?	If no, please give details:	Annual spend FY17/18	Contract renewal date	Percentage outsourced
Desktop management	No	N/A	Managed in House	N/A	N/A	N/A
Networking	Yes	BT N3	N/A	£80K	Mar-17	95% WAN
Data centre	No	N/A	Managed In house	N/A	N/A	N/A
Mobile device management	Yes	Block Solutions	N/A	780,000	December 2018	100%
Server management	No	N/A	Managed In house	N/A	N/A	N/A
IT security	No	N/A	Managed In house	N/A	N/A	N/A
Other (please specify)	N/A	N/A	N/A	N/A	N/A	N/A

What elements of your IT infrastructure are managed by a cloud provider?	Yes/No/specify	Main supplier	Annual spend FY17/18	Contract renewal date
Data storage	No			
Networking	No			
Back-up and archive	No			
Processing and compute capacity	No			

Application databases	No			
Big data analytics databases	No			
Email and collaboration	Yes	NHS Mail	n/a	n/a
Other (please specify)	N/A			

Does your organisation plan to move to a cloud-based service in the next 2 years?	Yes	No	Main supplier	Notes
Data storage	No	No	N/A	
Networking	No	No	N/A	
Back-up and archive	No	No	N/A	
Processing and compute capacity	No	No	N/A	
Application databases	No	No	N/A	
Big data analytics databases	No	No	N/A	
Email and collaboration	N/A	N/A		NHS mail already used
Other (please specify)	N/A	N/A	N/A	N/A

What percentage of your servers are virtualised and what virtualisation platform do you use?	Response
What percentage of your servers are virtualised	approx. 70%
Virtualisation platform and main supplier	VMWare

How does your organisation manage data storage?	Please select	On premise/Off premise	Main supplier	Annual spend FY17/18	Contract renewal date
Local departmental servers	No				
In-house data centre	Yes	On Premise	NetAPP-Clarion	£75K	Maintenance Support 31/03/2017

Outsourced cloud provider	No				
Outsourced data centre	No				
Shared service	No				
Other (please specify)	N/A				

How many servers does your organisation have and are these owned or leased?	Response	Notes
Number of servers	Cisco 11 DELL 34 HP 8 OpenText 2	
Owned or leased	Owned	
Average age of servers	Approx. 6 Years	
Main supplier	Dell & Cisco	Cisco UCS environment Dell servers
Annual spend FY17/18	N/A	

Please specify your organisation's network suppliers, annual spend and contract renewal dates	Main supplier	Annual spend - FY17/18	Contract renewal date
Fixed line telecoms	Gamma\Virgin Media	£38,000/month based on the average over the last 6 months, this includes rental and the variable call charges	Sep-17
Mobile telecoms	O2, Vodafone & BT	£203,682	Varied within each contract
Data network (broadband)	N/A	N/A	N/A

WiFi (hardware)	Cisco	N/A	Hardware is owned outright no contract
CoIN (if applicable)	BTN3	£80K	March 2017 onwards
WAN	BTN3\Custodian\Block	£120K	March 2017 onwards
LAN	Cisco	N/A	Hardware is owned outright no contract
Other (please specify)			

Please outline the extent of your trust's WiFi coverage?	Yes/No	Percentage of organisation covered
Community wide (e.g. CoIN)	Yes	Unknown
Enterprise wide (whole campus)	Yes	95%
Main building only	N/A - See above	
Sections of building(s) only	N/A - See above	
Mobile phone signal enabled through WiFi	No	
No wireless networks are used in the trust	N/A - See above	

Does your organisation have a BYOD or CYOD policy?	Yes/No
Bring Your Own Device (BYOD)	No
Choose Your Own Device (CYOD)	No

What mobile device management (MDM) software does your organisation use?	Main product and supplier	Annual spend - FY17/18	Contract renewal date
Smartphones	N/A		
Laptops	N/A		
PCs	N/A		
Tablets	Airwatch for Apple devices	none	Sep-17
Other (please specify):	N/A		

Does your organisation have a mobile threat prevention solution?	Yes/No	Product
	No	

What devices are used by your organisation?	Number across organisation	Average age of product	Main supplier
Smartphones	700	2	O2 and Voda
Laptops	600	3	Dell
PCs	3500	3	Dell
Tablets	600	2	Apple

What video/web conferencing software does your organisation use?	Response	Notes
Main product (e.g. Skype, Jabber, Webex)	Jabber	
Main supplier	Cisco	
Annual spend	Approx. £90K	Collaboration Licence & Support
Contract renewal date	31/03/2017	

What desktop operating system software is used by your organisation?	Main product	Main supplier	Annual spend	Contract renewal date
	Windows 7, 8.1 & 10	Microsoft	ad hoc	ad hoc

What personal office productivity software is run by your organisation?	Response
Product and version	Microsoft office 2010
Licencing model (e.g. cloud-based, enterprise-wide, concurrent-user, named user)	Enterprise
Number of licences	4500

Does your organisation use NHSmail or a locally hosted email system?	NHSmail	Locally-hosted (please specify provider)	Both	Are you moving to NHSmail2 (Yes/no)
	Yes	No	N/A	Yes

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