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5 June 2018

Freedom of Information Request – Ref: FOI 043-1819

Thank you for your recent Freedom of Information request about IT infrastructure. Please find the Trust's response attached.

Should you have any queries in relation to our response in this letter, please do not hesitate to contact me. If you are unhappy with the response you have received in relation to your request and wish to ask us to review our response, you should write to:-

Anna Hilditch
Assistant Trust Secretary,
2gether NHS Foundation Trust
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Tel: 01452 894165
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If you are not content with the outcome of any review, you may apply directly to the Information Commissioner's Office (ICO) for further advice/guidance. Generally, the ICO will not consider your case unless you have exhausted your enquiries with the Trust which should include considering the use of the Trust's formal complaints procedure. The ICO can be contacted at: The Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire SK9 5AF.

Yours sincerely,

Lisa Evans

LISA EVANS
Information Governance Officer
2gether NHS Foundation Trust

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Question 1	What is your organisation's IT spend in FY17/18 and projected for FY18/19?	FY17/18	FY18/19
	Overall	2,480,407	2,075,569
	Capital	994,000	914,000
	Revenue	1,486,407	1,161,569

Question 2	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	Y	Countywide IT Services (an NHS shared IT Service hosted by Gloucestershire hospitals NHS Trust)		£138,720	May-20	100%
	Networking	Y	Countywide IT Services (an NHS shared IT Service hosted by Gloucestershire hospitals NHS Trust)		£30,770	May-20	100%
	Data centre	Y	Countywide IT Services (an NHS shared IT Service hosted by Gloucestershire hospitals NHS Trust)		£156,142	May-20	100%
	Mobile device management	N		This is managed in-house	31,010	N/A	0%
	Server management	Y	Countywide IT Services (an NHS shared IT Service hosted by Gloucestershire hospitals NHS Trust)		£91,587	May-20	100%
	IT security	Y	Countywide IT Services (an NHS shared IT Service hosted by Gloucestershire hospitals NHS Trust)		£38,005	May-20	100%
	Other - Telephony, Procurement, Travel & Contract Overheads	Y	Countywide IT Services (an NHS shared IT Service hosted by Gloucestershire hospitals NHS Trust)		305,147	May-20	100%

Question 3	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	N/A	£0	N/A
	Networking	No	N/A	£0	N/A
	Back-up and archive	Yes	Microsoft Azure	£12,000	September
	Processing and compute capacity	No	N/A	£0	N/A
	Application databases	No	N/A	£0	N/A
	Big data analytics databases	No	N/A	£0	N/A
	Email and collaboration	Yes	NHS Digital/Accenture	£0	N/A
	Other (please specify)	No	N/A	£0	N/A

Question 4	Does your organisation plan to move to a cloud-based service in the next 2 years?	Yes	No	Main supplier	Notes
	Data storage	Yes	N/A	TBC	
	Networking	N/A	No	N/A	
	Back-up and archive	No		Microsoft Azure	Already in the cloud for this
	Processing and compute capacity	Yes	N/A	TBC	
	Application databases	Yes	N/A	TBC	
	Big data analytics databases	N/A	No	N/A	Have just invested in an on-prem solution (Tableau)
	Email and collaboration	Yes	N/A	Either Microsoft directly or through contract with Accenture	Already using NHS mail for email. Will likely move to the whole o365 suite by 2020
	Other (please specify)				

Question 5	What percentage of your servers are virtualised and what virtualisation platform do you use?	Response
	What percentage of your servers are virtualised	95%
	Virtualisation platform and main supplier	Microsoft Hyper-V

Question 6	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	N/A	N/A	N/A	N/A
	In-house data centre	Yes	On	N/A	£36,000	N/A
	Outsourced cloud provider	No	N/A	N/A	N/A	N/A
	Outsourced data centre	No	N/A	N/A	N/A	N/A
	Shared service	Yes	Gloucester Royal hospital	Countywide IT Services	£32,513	May-19
	Other (please specify)	No	N/A	N/A	N/A	N/A

Question 7	How many servers does your organisation have and are these owned or leased?	Response	Notes
	Number of servers	22 physical servers	
	Owned or leased	owned	
	Average age of servers	2.5 years	
	Main supplier	Fujitsu/Dell	
	Annual spend FY17/18	£0	No servers purchased during 17/18.

Question 8	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	Daisy Telecom	£342,000	Various
	Mobile telecoms	EE	£54,820	Rolling contract - being renewed June 2018
	Data network (broadband)		£114,826	Currently being replaced
	WiFi (hardware)	CITS (Countywide IT Services)	£19,125	
	CoIN (if applicable)		£17,742	
	WAN		See COIN	
	LAN		See COIN	
	Other (please specify)			

Question 9	Please outline the extent of your trust's WiFi coverage?	Yes/No	Percentage of organisation covered
	Community wide (e.g. CoIN)	Yes	99%
	Enterprise wide (whole campus)	No	
	Main building only	No	
	Sections of building(s) only	No	
	Mobile phone signal enabled through WiFi	No	
	No wireless networks are used in the trust	No	

Question 10	Does your organisation have a BYOD or CYOD policy?	Yes/No
	Bring Your Own Device (BYOD)	No
	Choose Your Own Device (CYOD)	No

Question 11	What mobile device management (MDM) software does your organisation use?	Main product and supplier	Annual spend - FY17/18	Contract renewal date
	Smartphones			
	Laptops			
	PCs			
	Tablets	Airwatch	£7,325	N/A
	Other (please specify):			

Question 12	Does your organisation have a mobile threat prevention solution?	Yes/No	Product
		Yes	VMWare Airwatch

Question 13	What devices are used by your organisation?	Number across organisation	Average age of product	Main supplier
	Smartphones	1600	1.5 year	no main supplier
	Laptops	2000	1.5 year	XMA
	PCs	400	2.5 year	XMA
	Tablets	200	3 year	no main supplier

Question 14	What video/web conferencing software does your organisation use?	Response	Notes
	Main product (e.g. Skype, Jabber, Webex)	Not currently in use	
	Main supplier	N/A	
	Annual spend	N/A	
	Contract renewal date	N/A	

Question 15	What desktop operating system software is used by your organisation?	Main product	Main supplier	Annual spend	Contract renewal date
		Microsoft Windows	Comparex	£66,000	Jun-19

Question 16	What personal office productivity software is run by your organisation?	Response
	Product and version	MS Office 2010
	Licencing model (e.g. cloud-based, enterprise-wide, concurrent-user, named user)	EWA
	Number of licences	3000

Question 17	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	No	Have already moved