

30th April 2019

Agenda Item: 7

REPORT OF THE SERVICE DIRECTOR FOR FINANCE, INFRASTRUCTURE AND IMPROVEMENT

CLOUD PROGRAMME UPDATE

Purpose of the Report

1. To brief Members on the purpose and content of the presentation titled 'Cloud update'.

Information

2. The presentation aims to further inform Members of the objectives of the Cloud Programme, progress to date and what the next steps will be.
3. The discovery phase and high level design phases are now complete providing clarity regarding which Cloud service models are to be delivered : These being:

Model	Description
Software as a Service (SaaS)	<p>This model enables an organisation to rent an application and its underlying infrastructure. This is often chargeable on a per user per month basis.</p> <p>The first solution delivered through this model will be Microsoft Office 365. This is Microsoft's SaaS solution for the delivery of their office productivity software e.g. Outlook (e-mail, calendar, contacts), Word, Excel, PowerPoint, SharePoint (team and project spaces), OneNote, OneDrive (file and folder storage and sharing), Teams etc.</p>
Infrastructure as a Service public Cloud (IaaS)	<p>The supplier builds, provides and supports the server infrastructure that the software, databases and data are hosted on. This is delivered through the provider data centre(s) in the form of <i>virtualised</i> servers (physical servers that are segmented to run multiple systems) and accessed through secure network connections. The County Council would retain responsibility for the provision and support of the systems.</p>

Co-location model	The County Council will retain a small amount of infrastructure and some systems in a supplier provided data centre(s), in the same way that we currently use the Node 4 data centre. This is because not all technologies currently lend themselves to the above 2 models.
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Progress

4. There were three primary objectives over the past few months:
 - i. agree the design and build the offsite data centre capability. This is now complete.
 - ii. migrate sharpoint from an onpremise to an online service . This is now complete
 - iii. Upgrade office 2013 – Office 2016 This is underway.

Next Steps

5. Key milestones for the next phase include:
 - i. Roll out office 365 mail across the estate (pilot of 200 users under way)
 - ii. Migrate applications to Microsoft Azure. (underway)
 - iii. Move remaining applicatiосn out of County Hall data centre and relocate in Node 4 Derby (design completed)

Other Options Considered

6. None

Reason/s for Recommendation/s

7. To help the committee understamd the context behind the cloud programme and repprt on progress to date.

Statutory and Policy Implications

8. This report has been compiled after consideration of implications in respect of crime and disorder, data protection and information governance finance, human resources, human rights, the NHS Constitution (public health services), the public sector equality duty, safeguarding of children and adults at risk, service users, smarter working, sustainability and the environment and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

RECOMMENDATION/S

- 1) That the Committee considers if there are actions arising from the report and presentation.
- 2) That the Committee agree to receive regular updates from, the cloud programme.

Nigel Stevenson
Service Director Finance, Infrastructure and Improvement

For any enquiries about this report please contact:
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Constitutional Comments (EP 18/04/19)

9. The Improvement and Change Sub Committee is the appropriate body to consider the content of the report. If the Committee resolves that any actions are required it must be satisfied that such actions are within the Committee's terms of reference.

Financial Comments (CSB 18/04/19)

10. There are no financial implications arising from this report.

Background Papers and Published Documents

Except for previously published documents, which will be available elsewhere, the documents listed here will be available for inspection in accordance with Section 100D of the Local Government Act 1972.

- None

Electoral Division(s) and Member(s) Affected

- All