

Systems and Infrastructure

The number of systems and applications has decreased over the last 3 years through a process of consolidation enabled by developments in new technologies. The standardised hardware infrastructure underpins a robust operational platform and in turn delivers considerable operational savings, both financial and environmental, to the council. Managing fewer hardware devices enables the relatively small IT team to manage the IT environment more efficiently, delivering a focussed and proactive support service to both internal and external users.

A smaller number of key systems now deliver the majority of services across the council. The systems that remain have been developed to maximise functionality and system users up-skilled to take advantage of the enhanced functionality available, providing the opportunity for service units to streamline processes. System users are increasingly trained to use multiple systems, in order to develop a wider knowledge and understanding of systems and provide resilience within the organisation.

The current infrastructure has been sourced from a smaller number of hardware and application vendors, enabling the local IT team to develop key technical skills in specific areas to support the IT infrastructure. The increased use of local knowledge and skills to address individual technical solutions reduces the dependency on third party support requirements in a number of key areas, reducing support costs for these applications.

Current Key Systems and Applications

Civica Comino – Document Management System
Northgate Revenues & Benefits
Idox Uniform – Planning & Environmental Health
Civica Financials
Capita Cash Receipting
Halarose Elections
Modern.gov Committee Management
Idox Land Charges
Real Asset Management (RAM)
Iken Legal Case Management
Microsoft Exchange 2007
Microsoft Office 2007

Current Infrastructure

1. Server Environment

HP P2000 30TB SAN – Corporate data storage
HP DL380 G7 Server x 3 – Virtualisation hosts for 50 corporate servers.
HP DL380 G5 Server x 1 – Business continuity server (located at Street Scene)
HP Proliant DL360 G6 – GCSX Email relay server
HP Proliant DL360e G8 x 3 – Oracle database virtualisation host / backup servers
HP StorageWorks MSL2024 Tape Library – Centralised tape backup
HP DL120 G5 – Government Connect server
Dell PowerEdge 2950 x 1 – Ryecare system
Dell PowerEdge 2900 x 1 – Ryecare system

2. Network Management Devices

Cisco 1841 Router x 1
HP Procurve 1700-24 Switch x 1
HP Procurve 2610-24 Switch x 1
HP Procurve 2610-48 Switch x 1
HP Procurve 5308 Switch x 2
HP Procurve 2626 Switch x 1
HP Procurve 2650 Switch x 6
Juniper SA 2500 VPN x 1
Juniper SSG140 Firewall x 2 (Corporate & GCSX)

3. Telephony

Alcatel OmniPCX
IBM xSeries 306 x 3
HP Proliant ML350