

**Assurance Map**

**Digital & Technology**

**Corporate Risk Register Risk:**

1. **Cyber Security** - Risk that Cyber security threats are not sufficiently mitigated against to protect the Council, its essential functions and customer data

**Cluster Risk Register Risks:**

1. **Climate Change - Digital Infrastructure** - Digital infrastructure will be impacted by adverse incidents caused by climate change (flooding, extreme weather) resulting in disruption to the delivery of council services.

2. **Sustainability of support services**- On premise infrastructure and networks are not supportable due to the availability of replacement components.

<p align="center"><b>First Line of Defence (Do-ers)</b></p>	<p align="center"><b>Second Line of Defence (Helpers)</b></p>	<p align="center"><b>Third Line of Defence (Checkers)</b></p>
<ul style="list-style-type: none"> <li>• Trained and qualified staff</li> <li>• IT Security Technologies – devices to filter traffic and protect network, virus control software and domain access rules e.g. Conditional Access and Encryption</li> <li>• Proactive Monitoring &amp; Alerting</li> <li>• Operational procedures and guidance notes</li> <li>• Mandatory Information Governance Staff Training and IT Security Staff Training</li> <li>• Investigation into incidents and breaches</li> <li>• Patch Management</li> <li>• System Change Management process via Change Advisory Board</li> <li>• Threat Hunting</li> </ul>	<ul style="list-style-type: none"> <li>• CMT Boards</li> <li>• Council Committees</li> <li>• D&amp;T Senior Management Team (SMT) undertakes review of Cluster Operational Risk Register</li> <li>• Information Governance Group</li> <li>• ICT System Risk Assessments</li> <li>• Data Privacy Impact Assessments</li> <li>• Vendor Management</li> <li>• Policy documentation including, Information and Communication Technology (ICT) Acceptable Use Policy and ICT Access Control Policy, Protective Monitoring Policy</li> <li>• Annual review against Public Sector Cyber Security Framework</li> </ul>	<ul style="list-style-type: none"> <li>• External IT Health Checks for PSN Accreditation by Surecloud. Surecloud are National Cyber Security Centre and Check approved.</li> <li>• External Penetration testing on internet facing services by Surecloud. Surecloud are National Cyber Security Centre and Check approved.</li> <li>• Public Services Network (PSN) assurance review annually</li> <li>• Cyber Essentials Plus assurance</li> <li>• Internal Audit – IT Infrastructure Resilience – September 2022</li> </ul>