CHB Corporate and departmental risks - detailed report EXCLUDING COMPLETED ACTIONS

Report Author: Leah Woodlock Generated on: 10 April 2024



| Risk no, title, creation date, owner | Risk Description (Cause, Event, Impact) | Current Risk Rating & Score Risk Update and date of update Target Risk Rating & Score | | Current Risk Rating & Score | | Target Date/Risk Approach | Current Risk score change indicator | |
|--|--|---|----|--|--------|---------------------------------|--|----------|
| CR40 PSTN Switch Off 2025 (formerly CHB DITS 045) 26-Feb-2024 Zakki Ghauri | Cause: BT will retire their PSTN (Copper) Network at the end of 2025. Rendering all current connections redundant. Event: All current PSTN (Copper) connections will become unusable by the end of 2025. Forcing an upgrade to digital fibre or mobile services. Effect: All of our PSTN connections will cease at the end of 2025. This is in the range of 8,500 connections, which are linked to Lift/BMS/Fire Alarms and Door entry systems. Should these systems fail to be upgraded by the end of 2025, this could lead to essential services being inactive, without anyone being aware. This work will have significant financial impact to complete and failure to complete will have significant reputational impact. | Impact | 16 | We are proposing that this be tracked as a Corporate risk and we are going through the required processes for this to be done. To mitigate the risk, a review of the connections, locations and services supplied will be required to fully identify the total number of connections supplying critical services. A Solutions Architect has been assigned to this. We are in regular communication with our various vendors and key stakeholders throughout the business to identify the services provided by these connections. We currently estimate this work to take 6 months. A programme of work will be developed throughout this review and will detail mitigations for those connections onto digital fibre or mobile enabled services ahead of the 2025 sunset date. 10 Apr 2024 | Impact | 8 | 01-Jun- 2026 | Constant |

| Action no | Action description Latest Note | | | | Due Date |
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| CBH DITS 045g | Review Plan | DITS PMO will review the remediation plans with FM (CoL/CoLP), H&S, ED&I and Security Operations. Making sure they are fit for purpose and capture all the relevant details. | Sam Collins | 10-Apr- 2024 | 01-Oct- 2024 |
| CBH DITS 045h | Order New Lines and Hardware | DITS PMO will place the orders for the new connections along with any hardware requirements identified within the remediation plans. | Sam Collins | 10-Apr- 2024 | 01-Dec- 2024 |
| CBH DITS 045i | New Services | DITS PMO will assist in the co-ordination of the implementation of new services, along with any installation of new hardware required | Sam Collins | 10-Apr- 2024 | 01-Oct- 2025 |
| CBH DITS 045j | Testing | DITS PMO will co-ordinate the post implementation testing for all new services and or hardware. | Sam Collins | 10-Apr- 2024 | 15-Nov- 2025 |
| CHB DITS 045a | Investigations into the 8,500 connections identified as part of PSTN sunset in December 2025. | but ongoing investigation, initiated and scheduled to conclude in June 2024, aims to identify the scope and dependency of the 8,500 connections on the PSTN infrastructure. The purpose is a gain insights into the services that are live, understand their criticality, and assess the otential impact of the sunset on each connection. | | 10-Apr- 2024 | 01-Jun- 2024 |
| CHB DITS 045c | Undertake a Service Assessment | Upon completion of the investigation, a comprehensive assessment of live services will be conducted. This will include identifying alternative communication services, and understanding the upgrade paths/timings available for each connection. | | 10-Apr- 2024 | 01-Jun- 2024 |
| CHB DITS 045d | Identify potential business owners | Engaging with FM (CoL/CoLP), H&S, ED&I and Security Operations. initially to highlight the PSTN risk across all departments and find potential business owners as services and impacts are highlighted | Chris Rawding | 10-Apr- 2024 | 01-Jun- 2024 |
| CHB DITS 045e | Business owner notification | By June 2024, a detailed report outlining the findings of the investigation will be compiled. This report will then be distributed to FM (CoL/CoLP), H&S, ED&I and Security Operations. The notification will include information about the potential risks associated with the PSTN sunset, details on the current services in use, and recommended upgrade paths. | Chris Rawding | 10-Apr- 2024 | 01-Jun- 2024 |
| CHB DITS 045f | Remediation Plan | The Facilities Management (CoL/CoLP), H&S, ED&I and Security Operations will be responsible for developing and implementing a remediation plan for their respective services. This plan will outline the necessary steps to migrate or upgrade the affected connections to alternative and sustainable communication solutions. | | 10-Apr- 2024 | 06-Sep- 2024 |
| CHB DITS 045k | Continuous Monitoring | DITS will provide continuous monitoring of progress, tracking the remediation efforts to help identify and address any issues promptly. This includes regular communication with business owners, providing support, and making adjustments to the plan as necessary. | Sam Collins | 10-Apr- 2024 | 31-Dec- 2025 |

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| CHB DITS 040 Resilience and complexity COL/COLP | Cause: A lack of end-to-end resilience of critical services remain, or technology areas remain complex. Event: There is a major failure in critical parts of the IT infrastructure, which is difficult to avoid, remediate or recover from. Effect: Significant incident could lead to an impact to productivity of the business with loss of access to Critical systems. Could lead to financial and reputational impact | Impact | 12 | Our Solution Architect in conjunction with the TDA have developed a Roadmap HLD This has been peer reviewed by all of the DITS technology heads as SMEs and the TDA. The secondary resilient internet connection has been installed and configured for active/active use. We have a list of current "Top Critical Apps" for presentation to SLT before End Nov 23. Following this, we will produce runbooks for these apps The creation of runbooks is underway and being driven by the security function, which feeds into the creation of our cyber response planning 10 Apr 2024 | | 8 | 31-Mar- 2024 Reduce | Constant |

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| CHB DITS 040b | | Following final configuration, the secondary Guildhall internet connection has been failover tested and is confirmed running Active/active. This is Scenario 3 in the BCDR Plan, in which we now have 7 scenarios agreed. Runbooks and scheduling for remaining DR Test Scenarios in progress | 1 | 29-Feb- 2024 |

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| owner | | | | | Approach | change |

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| Management | Cause: Lack of officer commitment and investment of the right resources into organisational information management systems and culture. Event:The City Corporation's IM Strategy (2018-2023) is not fully and effectively implemented Effect: a) Not being able to use relevant information to draw insights and intelligence and support good decisionmaking. b) Vulnerability to personal data and other information rights breaches and non-compliance with possible significant ICO fines or other legal action. c) Waste of resources storing information beyond usefulness. | Impact | 12 | DITS have completed the Data Maturity Assessment facilitated by Microsoft / Hitachi Solutions. This has served to establish priority areas of focus and will be used to inform a refresh of the current IT Strategy. Transformation Funding has been secured to progress with the short term recommendations of the assessment with initial actions due for completion by end of March 2024. | Impact | 6 | 31-Mar- 2024 | - |
| 08-Apr-2019 | | | | 10 Apr 2024 | | | Reduce | Constant |
| Caroline Al- Beyerty | | | | | | | | |

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| CR29j | | 1 25 1 1 | 1 | 31-Mar- 2024 |
| CR291 | | A temporary PowerBI Architect and Data Governance Officer were recruited and are implementing the recommendations from the Data Maturity Assessment completed last year. A Head of Data role has been recruited as a 12 month secondment | 1 | 31-Mar- 2024 |

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| Business Intelligence (PowerBI) - Technical Support | Cause: There is a lack of capability and capacity within DITS technical support for the Corporate Business Intelligence Tool (Microsoft PowerBI). This was raised as a concern but was not addressed through the TOM in 2022. Event: There is an increasing reliance upon PowerBI for Corporate Reporting across COL and COLP and already it is being used for tracking Climate Action (COL), Key Corporate Information (COL) and NICHE (COLP). | Impact 6 | Following the outcome of the Data Maturity Assessment with Hitachi alternative roles for a Head of Data and Data Engineer have been redrafted and approved at the Job Evaluation Board. The Head of Data role will be out to recruitment again in January 2024. | 2 Impact | 31-Aug- 2024 | - |
| 26-Feb-2024 | Effect : DITS are unable to resolve technical support issues and ensure that COL / COLP are adhering to best practice in terms of the use of PowerBI Gateways, automation of | | 10 Apr 2024 | | | Constant |

| reporting, cleansing, and sharing of datasets. PowerBI would become a 'Digital Veneer' masking a significant amount of poor practice in terms of disparate datasets and manual practices | | | | |
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