| ID | Risk | Updated | Description | Gross Score | | | Net Score | | | Mitigation | Further actions planned | Status |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Likliehood | Impact | Total | Likliehood | Impact | Total | | | |
| IT-R1 | Connection with Birkenhead | 25/10/05 | access to | 4 | 4 | 16 | 2 | 4 | 8 | Backup microwave comms link | | Monitored |
| IT-R2 | Pensions4 - hardware fault | 21/01/08 | Windows based database+image servers with optical disk backup for images. | 3 | 4 | 12 | 2 | 4 | 8 | hardware refreshed as of 2007, part of Wirral Corporate IT contract with HP | | Monitored |
| IT-R3 | Pensions4 - software fault | 25/10/05 | No further development planned on Pensions4 (although it is supported). | 2 | 4 | 8 | 2 | 4 | 8 | Test system with rollback | Move to Pensions5 in Q2 2009 | Monitored |
| IT-R4 | Axis-e - hardware fault | 01/04/07 | IBM AIX specialist server in Birkenhead server room. | 3 | 4 | 12 | 2 | 4 | 8 | Specialist contract with bluechip for maintenance with provision for replacement server of similar spec on loan or permanent basis. | | Monitored |
| IT-R5 | Axis-e software fault | 25/10/07 | Pensions administration software including pensioner payroll. Heywoods core product although Altair being developed. | 2 | 4 | 8 | 2 | 4 | 8 | Test system with rollback | Planned tender for replacement Q3/4 2008 with proposed go live 01/01/2010 | Monitored |
| IT-R6 | Email (slow or downtime) | 02/06/06 | Corporate email system | 2 | 3 | 6 | 2 | 3 | 6 | Wirral have updated email infrastructure | WITS moved to cluster approach | Monitored |
| IT-R7 | Axis Financials - software fault | 25/10/05 | Heywoods financial system is no longer being actively developed, but is maintained for any bugs/issues that occur. | 2 | 3 | 6 | 2 | 3 | 6 | No updates - relying on position that it has worked for a number of years with no development. | Planned replacement during 2008/09 | Open |
| IT-R8 | Telephone - downtime | 25/01/08 | Mitel digital telephone exchange held on 8th Floor, serviced by BT ISDN30.  Hardware maintained by Wirral ITS. | 2 | 3 | 6 | 2 | 3 | 6 | Standalone BT phone lines exist for outgoing calls, if no foreseeable fix could arrange BT to redirect leased line to a dedicated reception phone. | ITS considering a new exchange switch under corporate resilience strategy. | Open |
| IT-R9 | Website - downtime | 11/09/06 | Internet presence www.merseysidepensionfund.org.uk | 2 | 4 | 8 | 2 | 2 | 4 | Moved website from Demon to ZEN the foremost web hosting company in the UK - platinum support contract | | Monitored |
| IT-R10 | Website - corruption/attack | 23/02/06 | Could the internet website be compromised by "denial of service" or by maliciously changing the text. | 2 | 4 | 8 | 2 | 2 | 4 | Password security and software patching. ZEN also provide level of security to avoid denial of service attacks to its network. | | Monitored |
| IT-R11 | Data security | 23/02/06 | Includes data access and backup. | 2 | 5 | 10 | 2 | 3 | 6 | Multi-level passwords changed every 42 days; Full daily backups stored offsite; quarterly archive of a good backup (historic reference) | | Monitored |
| IT-R12 | Data integrity | 23/02/06 | Errors in data entered or imported into the systems. | 4 | 5 | 20 | 2 | 3 | 6 | Double entry; Quality control checking; In system checks; QA exception reporting | | Monitored |
| IT-R14 | Hazard - server room | 28/04/06 | 8th floor of castle chambers. | 2 | 4 | 8 | 2 | 4 | 8 | | | Monitored |
| IT-R15 | Hazard - electricity | 28/04/06 | | 2 | 4 | 8 | 2 | 4 | 8 | | | Monitored |
| IT-R16 | Staff - loss of key staff/skills | 25/01/08 | Operations IT Support Team - 4.8 FTE | 3 | 4 | 12 | 3 | 2 | 6 | Training and documentation.  Create opportunities to share knowledge and responsibilities within the team. | Proposed integration with Wirral ITS. | Monitored |
| IT-R17 | Data transportation | 25/01/08 | Providing data to employers and collecting data from employers. | 2 | 5 | 10 | 2 | 5 | 10 | Password protected floppy disks and CDROMs | Investigation of secure email solution | Open |
| IT-R18 | Bloomberg - market monitoring | 03/09/08 | provides realtime market data for investment decision making (requires access to Wirral network so related to IT-R1) | 4 | 4 | 16 | 2 | 4 | 8 | | | Monitored |
| IT-R19 | State Street - custodian | 03/09/08 | provides data and management tools required for investment management | 2 | 4 | 8 | 2 | 2 | 4 | internet delivered - requires internet connection | backup internet connections installed at Castle Chambers | Monitored |
| IT-R20 | Euraplan - shareholder | 03/09/08 | investment accounting system that supports in-house monitoring and consolidation of investment activities and holdings. | 2 | 4 | 8 | 2 | 2 | 4 | single user system backed up every night | Looking at implementation of OpenAIR (networked version with enhancements) | Monitored |