Unit Test Case for DataPost v2

**Approval**

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| --- | --- | --- | --- |
| **Name** | **Job Title or Role** | **Signature** | **Date (dd-mmm-yy)** |
| The author is signing to confirm that this document has been prepared in accordance with an approved document management process, that content is consistent with the deliverable definition found in the GSOP\_0303 Testing, that relevant input from any contributory authors has been included and that an appropriate review / editing process has been conducted. | | | |
| Authored by:  Name: Bob Heckel | Author | See Document Approval Page | |
| The Project Manager is signing to confirm, for unit level testing, that the Test Steps adequately address the objectives of the Test Case | | | |
| Approved by:  Name: Andrew Scaife | Project Manager | See Document Approval Page | |

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# Component Name

The following table identifies the version of the unit/configuration item under test:

|  |  |  |
| --- | --- | --- |
| Unit /Configuration Item | Unit Version | Unit Date |
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|  |  |  |
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|  |  |  |
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Fill in Unit Version and Unit Date before executing the test.

# Test Environment

Record IDs for the following:

|  |  |
| --- | --- |
| Application Server |  |
| Test Client | Run the GSK Desktop System Information Report. Fill out the report and include it as an exhibit labelled as PC1. |

# References

|  |  |  |
| --- | --- | --- |
|  | IT01402 | Combined Design Specification and Unit Specification for DataLink Integrator |
|  | GSOP\_0303 | Testing |

# 

# Unit Test Procedure

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test ID** | **4.1** | **Test Objective** | Prove that connection and query functionality work as designed for the DPv2 engine. | | **Items being tested (traceability)** | | | See column US Ref# |
| **Test Prerequisites** | | * DataLink Integrator (DLI) has been installed on the Test Client. * A connection file has been copied to ???C:\Program Files\DataLink Integrator\Connection Strings\SQLPlus\\_WSIP21.con * A query file has been copied to ???C:\Program Files\DataLink Integrator\Queries\SQLPlus\\_WSIP21.qry * DataPost v2 has been executed successfully. * Tester has user IDs and/or passwords to access systems (if necessary). * Tester has access to ???DLI, SAS and AspenTech tools. | | | | | | |
| **Test Iteration** | |  | **Test Start (Date and time)** |  | | **Test End (Date and time)** |  | |

| **Test Step** | **Action** | **Expected Result** | **Actual Result** | **Pass/ Fail** | **US Ref#** |
| --- | --- | --- | --- | --- | --- |
|  | Open the SAS Log. Search for the “DataLinkADOCon--------------” section. Attach as the step number A.  Open DataLinkADOCon.xml. Find the first enabled adapter tags. Attach as the step number B.  Verify each item is the same. | The connection XML files have been read in correctly. | The actual results match the expected results:  Yes \_\_\_\_\_  No \_\_\_\_\_\_  (VTR # \_\_\_\_\_\_\_\_\_)  Initials \_\_\_\_\_\_\_\_\_\_\_\_  Date \_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_MAINV2\_001-003 |
|  | Open the SAS Log. Search for the “Queries--------------” section. Attach as the step number A.  Open Queries.xml. Find the first enabled query. Attach as the step number B.  Verify each item is the same. | The query XML file has been read in correctly. | The actual results match the expected results:  Yes \_\_\_\_\_  No \_\_\_\_\_\_  (VTR # \_\_\_\_\_\_\_\_\_)  Initials \_\_\_\_\_\_\_\_\_\_\_\_  Date \_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_MAINV2\_001-003 |
|  | Open the SAS Log. Search for “DLI: XML saved to file”. Attach as the step number A. | DataLink Integrator has been called successfully. | The actual results match the expected results:  Yes \_\_\_\_\_  No \_\_\_\_\_\_  (VTR # \_\_\_\_\_\_\_\_\_)  Initials \_\_\_\_\_\_\_\_\_\_\_\_  Date \_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_MAINV2\_001-003 |

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| --- | --- | --- | --- | --- |
| **Test Step Result Indicate whether expected results were obtained** | **Pass \_\_\_\_\_\_\_\_**  **Fail \_\_\_\_\_\_\_\_** | **VTRs raised** |  | |
| **Name of Tester** | | **Signature/Initials** | | **Date** (dd-mmm-yy) |
|  | |  | |  |
| **Approver (if required by the Test Plan)** | | **Signature/Initials** | | **Date** (dd-mmm-yy) |
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| **Test ID** | **4.2** | **Test Objective** | Prove that module data extraction works as designed. | | **Items being tested (traceability)** | | See column US Ref# | |
| **Test Prerequisites** | | * DataLink Integrator (DLI) has been installed on the Test Client. * DataPost v2 has been executed successfully. * Tester has user IDs and/or passwords to access systems (if necessary). | | | | | | |
| **Test Iteration** | |  | **Test Start (Date and time)** |  | | **Test End (Date and time)** | |  |

| **Test Step** | **Action** | **Expected Result** | **Actual Result** | **Pass/ Fail** | **US Ref#** |
| --- | --- | --- | --- | --- | --- |
|  | List system under test. | Setup. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_\_\_\_\_\_ |
|  | Choose either a discrete unit (e.g. batch number or continuous (e.g. date) range to test. | Setup. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_\_\_\_\_\_ |
|  | Obtain results from the original source system. Attach as the step number. | Setup. | The actual results match the expected results:  Yes \_\_\_\_\_  No \_\_\_\_\_\_  (VTR # \_\_\_\_\_\_\_\_\_)  Initials \_\_\_\_\_\_\_\_\_\_\_\_  Date \_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_\_\_\_\_\_ |
|  | Using the appropriate DataPost output, compare to the original source data. | The results on both systems are the same, disregarding any formatting or rounding issues. | The actual results match the expected results:  Yes \_\_\_\_\_  No \_\_\_\_\_\_  (VTR # \_\_\_\_\_\_\_\_\_)  Initials \_\_\_\_\_\_\_\_\_\_\_\_  Date \_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_\_\_\_\_\_ |

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| **Test Step Result Indicate whether expected results were obtained** | **Pass \_\_\_\_\_\_\_\_**  **Fail \_\_\_\_\_\_\_\_** | **VTRs raised** |  | |
| **Name of Tester** | | **Signature/Initials** | | **Date** (dd-mmm-yy) |
|  | |  | |  |
| **Approver (if required by the Test Plan)** | | **Signature/Initials** | | **Date** (dd-mmm-yy) |
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| **Test ID** | **4.3** | **Test Objective** | Prove that output storage functionality works as designed. | | **Items being tested (traceability)** | | See column US Ref# | |
| **Test Prerequisites** | | * DataPost v2 has been executed successfully. * Tester has user IDs and/or passwords to access systems (if necessary). | | | | | | |
| **Test Iteration** | |  | **Test Start (Date and time)** |  | | **Test End (Date and time)** | |  |

| **Test Step** | **Action** | **Expected Result** | **Actual Result** | **Pass/ Fail** | **US Ref#** |
| --- | --- | --- | --- | --- | --- |
|  | Navigate to [\\SERVER\PATH\OUTPUT\_COMPILED\_DATA\ and attach as screenshot as the step number.  Verify files are greater than 0 KB in size and have the datestamp of the most recent DataPost run. | Output files have been produced successfully. | The actual results match the expected results:  Yes \_\_\_\_\_  No \_\_\_\_\_\_  (VTR # \_\_\_\_\_\_\_\_\_)  Initials \_\_\_\_\_\_\_\_\_\_\_\_  Date \_\_\_\_\_\_\_\_\_\_\_\_\_ |  | DP\_MAINV2\_004 |

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| **Test Step Result Indicate whether expected results were obtained** | **Pass \_\_\_\_\_\_\_\_**  **Fail \_\_\_\_\_\_\_\_** | **VTRs raised** |  | |
| **Name of Tester** | | **Signature/Initials** | | **Date** (dd-mmm-yy) |
|  | |  | |  |
| **Approver (if required by the Test Plan)** | | **Signature/Initials** | | **Date** (dd-mmm-yy) |
|  | |  | |  |

# Revision History

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| --- | --- | --- | --- |
| **Date (dd-mmm-yy)** | **Ver** | **Revised By** | **Reason For Revision** |
| 30-Sep-2010 | 1.0 | Bob Heckel | This is the initial version of this document. Protocol 89125. |