

C53217: 107 BR7 R5.0-RCD352-Fuzzy Offence Matching

| Type | Priority | Estimate | Milestone |
|--|-------------------|----------|-----------|
| Functionality | 1 - High Priority | None | None |
| References | Automation Type | | |
| BICHARD-4396, BICHARD-4394, BICHARD-4395, BICHARD-4400, BICHARD-4411, BICHARD-4402, BICHARD-4392, BICHARD-4393, BICHARD-4406, BICHARD-4391, BICHARD-4407 | None | | |

Test Case Description

Test Procedure ID : 107 BR7 R5.0-RCD352-Fuzzy Offence Matching

Test Phase :

- System Integration Testing

Test Type :

- Regression Testing

Test Items verified :

- Bichard7 application
- Message Brokering
- Portal Services (Strategic Portal Framework)
- Identity & Access Services (Tivoli)

Test Design Techniques used :

- Specification-based (black box) techniques
- Experience-based techniques - exploratory Testing

External Entities (to which Bichard7 interfaces) verified :

- (2.2.2) EI's forwarding of Court Hearing Result messages received from LIBRA
- (2.2.4) NSPIS-PNC Interface Implementation in PNC
- (2.2.6) User's web browser

Business Information Flows (those that cross the System boundary) verified :

- (2.3.2) Magistrates Court Hearing Concluded
- (2.3.5) Arrest/Summons-based Enquiry Request
- (2.3.6) Arrest/Summons-based Enquiry Response
- (2.3.7) Arrest/Summons-based Update (Message) Request
- (2.3.8) Arrest/Summons-based Update (Message) Response
- (2.3.10) Court Result or PNC Update Exception/Trigger List Request
- (2.3.11) Court Result or PNC Update Exception/Trigger List Response
- (2.3.12) Court Result or PNC Update Exception/Trigger Request
- (2.3.13) Court Result or PNC Update Exception/Trigger Response

System Control Flows (those that cross the System boundary) verified :

- N/A

Business Scenarios verified :

- N/A

Documents Referenced :

- BR7TEST001 Bichard 7 Test Approach v1.3.doc
- MoJ ICT BR7 TTMNNN SIT Test Traceability Matrix-Bichard7 Release N.N * MoJ ICT Bichard7 SIT Regression Pack Coverage Matrix vN.NN *
 - Refer to most recent incarnation/version of this document

Test Procedure originally based on :

- N/A

Pre-requisites :

- Release Note has been provided by IBM
- BR7 Release has been deployed as per the 'Release Note for Bichard 7 vn.n.doc'
- Tests ,(smoke test 001) & (smoke test 002) have been successfully run to completion

Historical :

N/A

Test Description :

A Bichard7 Regression Test verifying 'fuzzy' Offence matching, Results automation (Judgement with Final Result) and Trigger generation. Court Hearing results are sent through the CJSE and onto Bichard7. Hearing Outcome XML is successfully created based on ResultedCaseMessage contents, successful queried response from PNC and also from static data tables held within the Exchange-hosted solution. 'Fuzzy' Offence date matching ensures that the Start and End dates for each Offence is considered a match if the date range defined by the start and end dates of the Hearing Outcome offence fall wholly within the date range defined by the start and end dates of the PNC offence. PNC Update is generated and the Court Hearing Results are successfully added automatically onto the PNC. Pre Update Triggers are also generated.

Access Management

FAT (Steria pre Prod)

RDP (From Orwell User Bastion): WS002 mmm.nnn.8.12

Bichard URL: <http://www.exchange1.gsi.gov.uk/bichard-ui/login.jsp>User Manager URL: <http://www.exchange1.gsi.gov.uk/um-user-manager/login.jsp>

IP Address: 51.231.160.183

Steps

| | | |
|---|---|--|
| 1 | <p>Pre-conditions for this test have been met:</p> <p>New Case Message has been 'Sent to PNC' creating the Impending Prosecution Record*</p> <p>*See Host9 Screen shots folder for PNC tool details</p> | All Pre-conditions as required in order to execute this test have been met |
| 2 | <p>Court Resulting Simulation:</p> <p>Inject SPI Resulted Case Message via Test Console</p> | SPI Resulted Case Message is successfully injected into the CJSE - check via Test Console |
| 3 | <p>Verify that NO Exception record has been created on the Exception Portal *</p> | No Exception record has been created on the Exception Portal for the Court Hearing Results |
| 4 | <p>Verify that the following Trigger record has been created on the Exception Portal *</p> <p>Trigger ID = TRPR0018 (x 3)</p> <p>Trigger Message = Update offence date(s) on PNC</p> | Trigger record has been created on the Exception Portal for the Court Hearing Results |
| 5 | <p>Verify that the TRPR0018 Trigger has specifically been created for the following Offences only:</p> <p>Offence 1</p> <p>Offence 2</p> <p>Offence 3</p> | Trigger TRPR0018 has been created (and is associated on the Exception Portal) only to those Offences identified. |
| 6 | <p>Verify using the MTU PNC Test Tool (via a PNC Print request) that the update has been applied to the Impending Prosecution Record on the PNC.</p> <p>Offence 1: Bound Over</p> <p>Offence 2: Fine 100</p> <p>Offence 2: Fine 200</p> | Update has been applied to the Impending Prosecution Record on PNC. No Offence Date changes have been made, ensuring that the PNC remains the 'master' where this type of data is concerned. |