|  |  |
| --- | --- |
| REAL TIME ANALYTICS | |
| Last Edited on | 12/20/2018 | Test Strategy Document |
| Document Version | DRAFT| Version 0.1  Prepared By | Manmeet Chadha | |

**Template Control**

| Version | Date | Reviewer Name and Role | Approve by Name and Role |
| --- | --- | --- | --- |
| 0.1 | 7/26/2018 |  |  |

Table of Contents

[1 Document Control 3](#_Toc522876141)

[1.1 Version History 3](#_Toc522876142)

[1.2 Review/Approval History 3](#_Toc522876143)

[1.3 Open Items 3](#_Toc522876144)

[2 Introduction 4](#_Toc522876145)

[2.1 Project Identification 4](#_Toc522876146)

[2.2 Project & Testing Summary 4](#_Toc522876147)

[3 Features To Be Tested 4](#_Toc522876148)

[4 Features OUT OF SCOPE from testing 5](#_Toc522876149)

[5 Approach – Testing Types 8](#_Toc522876150)

[5.1 Unit/Component Testing 8](#_Toc522876151)

[5.1.1 PreNetworx Changes 8](#_Toc522876152)

[5.1.2 Operation ‘SubmitClaimForAnalytics’ in MARSAnalyticsSvc 9](#_Toc522876153)

[5.1.3 Operation ‘DetermineTriageWorthy’ in UCWTriageSvc 9](#_Toc522876154)

[5.1.4 Operation ‘PerformAutoClosure’ in UCWTriageSvc 9](#_Toc522876155)

[5.1.5 Operation ‘SubmitClaimToTriage’ in UCWTriageSvc 9](#_Toc522876156)

[5.1.6 Routing claims to MCM (OLD Triage) – TRIAGE\_OUTBOUND\_PROCESS 10](#_Toc522876157)

[5.1.7 Processing claims in MCM (OLD Triage) 10](#_Toc522876158)

[5.1.8 Claim return from MCM 10](#_Toc522876159)

[5.1.9 Claim updates to MPIEFP schema 10](#_Toc522876160)

[5.1.10 Inflight Claims 11](#_Toc522876161)

[5.1.11 Error Handling 11](#_Toc522876162)

[5.1.12 Adjustments 14](#_Toc522876163)

[5.2 Regression Testing 14](#_Toc522876164)

[5.3 Performance/Volume Testing 14](#_Toc522876165)

[5.4 End to End Testing of RTA claim flow 14](#_Toc522876166)

[5.4.1 WS and CEP Claim processing 14](#_Toc522876167)

[6 Pass / Fail Criteria 14](#_Toc522876168)

[6.1 Approval Criteria 14](#_Toc522876169)

[7 Testing Controls & Procedures 15](#_Toc522876170)

[7.1 Test Deliverables 15](#_Toc522876171)

[7.2 Testing Tasks 15](#_Toc522876172)

[7.3 Key Roles and Responsibilities 15](#_Toc522876173)

[7.4 Resources 16](#_Toc522876174)

[7.5 Schedule 16](#_Toc522876175)

[7.6 Testing Success Criteria 16](#_Toc522876176)

[7.6.1 Entrance Criteria 16](#_Toc522876177)

[7.6.2 Exit Criteria 16](#_Toc522876178)

[7.7 Defect Management 17](#_Toc522876179)

[7.7.1 Defect Management Severity Definitions 17](#_Toc522876180)

[7.7.2 Defect Management of Testing Completion 17](#_Toc522876181)

[7.8 Risk Management 18](#_Toc522876182)

[7.8.1 Risks and Assumptions 18](#_Toc522876183)

[7.9 Progress Reporting 18](#_Toc522876184)

[8 Environmental Requirements 18](#_Toc522876185)

[8.1 Test Environment Provisioning Request Process 18](#_Toc522876186)

[9 References 19](#_Toc522876187)

[10 Glossary 19](#_Toc522876188)

# Document Control

## Version History

| Version No. | Date | Author | Change Description |
| --- | --- | --- | --- |
| 0.1 | 7/26/2018 | Manmeet Chadha | Initial Draft |

## Review/Approval History

| **Date** | **Name, Title** | **Role, Department** | **Version #** | **Document Responsibility** | **Notes/Attachments** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Open Items

| **ID** | **Description** | **Date entered** | **Status** | **Resolution** | **Resolution Date** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Introduction

## Project Identification

|  |  |  |
| --- | --- | --- |
| Project Name | Project Number | Date Created |
| Real Time Analytics | eTime Code: I | 7/26/2018 |
| Project Sponsor | Project Owner | |
| IT Management | Meenu Talwar | |
| Program Manager | Project Manager | |
| Meenu Talwar | Panneer Gangatharan | |
| Project Assessment | | |
|  | | |

## Project & Testing Summary

The objective of this project is to support clients’ expectations for real time processing of Payment Integrity claims entered via CEP (Client Portal) or submitted through a WebService (WS). The project will focus on providing a 2-6 second user experience for this subset of Payment Integrity claims which fall into the following scenarios:

* Clean claims with no findings from Analytics
* Claims that can be auto-closed with edits

Note that claims will continue to pend if Analytics has findings that require them to be routed to:

* The FNX platform for negotiation (CNX claims)
* Triage for clinical review (Claim Correction claims)

Features To Be Tested

The SQA team will validate the functional, end to end claim, regression flow scenarios, prior to release.

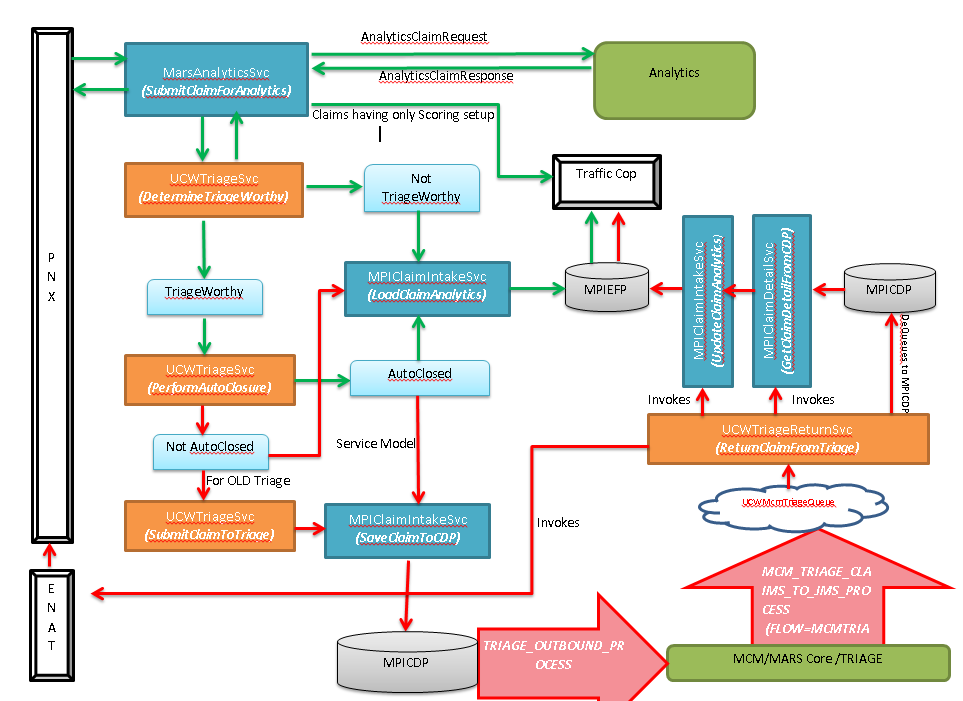
Below are the features that will be verified as part of the ‘Real Time Analytics’ project:

* CEP/WS claim routing for clients having the below product combinations:
* xClinicalPAR, xClinicalFNX, xClinicalReview
* xClinicalPAR, xClinicalFNX
* Only xClinicalFNX
* Only xClinicalReview
* CEP/WS claims coming in as CPC claims.
* Operation ‘SubmitClaimForAnalytics’ in MARSAnalyticsSvc:
* Pre-analytics processing
* Analytics process
* Post-analytics processing
* Operation ‘DetermineTriageWorthy’ in UCWTriageService, for triage worthy determination logic
* Operation ‘PerformAutoClosure’ in UCWTriageService, for triage worthy auto closure logic.
* Operation ‘SubmitClaimToTriage’, in UCWTriageService, for checking the target triage system for any client and routing claim accordingly.
* Verify the below existing operations for RTA claims:
* ‘LoadClaimAnalytics’ in MPIClaimIntakeSvc
* ‘SaveClaimtoCDP’ in MPIClaimIntakeSvc
* ‘UpdateClaimAnalytics’ in MPIClaimIntakeSvc
* ‘GetClaimdetailsFromCDP’ in MPIClaimDetailSvc
* The ETL processes Triage\_Outbound\_process and MCM\_Triage\_Claims\_To\_JMS\_Process.
* Reason codes for INN claims returned from xClinicalReview
  + AF1 🡺 PR1
  + AF2 🡺 PR2
  + AF3 🡺 PR3 (Immediate Audit = Y)
  + AF3 🡺 PR2 (Immediate Audit = N)
* Suspect Claims returned from TRIAGE
* For clients with ImmediateAudit ‘Y’
* For clients with ImmediateAudit ‘N’
* Savings and Allowed recalculation for INN/OON/Client priced claims returned from Triage:
  + Lines with LAF0
  + Lines with LAF1
  + Lines with LAF3
  + Lines with NULL remark codes
* Supplemental files for RTA claims returned from OLD TRIAGE.
* Reconciliations
* RTA claim Adjustments via the Non-RTA route.

Features OUT OF SCOPE from testing

* ClaimDetailSvc verification for the XML created to MARS. These tags were already verified back in 2017
* Reporting Considerations
* Claim routing to Pipe 289 (MARS SCORING)
* RTA claims routing to New Triage

**Services/ETL processes to be tested for RTA Claim Routing**



CLIENTS to be used for both Functional and E2E testing :

| **Client** | **Alternate\_acct\_id** | **Acct\_Id** | **CDM Setup** | **Product Hierarchy in XN table** | **Non PAR claims** |
| --- | --- | --- | --- | --- | --- |
| Client\_1 | WS47720001 | 4772110001  CCode- PEH HDMF  (Immediate\_Audit=N) | MPFac  MPPract  xBeechNonLogo  xClinicalPAR  xClinicalFNX  xClinicalReview | MPFac  MPPract  xBeechNonLogo (RO=2)  xClinicalPAR=NW(RO=8)  xClinicalFNX (RO=2)  xClinicalReview (RO=2)  xClinicalReview (RO=8) | CR0 to be end state for a Non-PAR claim. |
| Client\_2 | WS4311001F | 4311520001  CCode - ARP FNX  (Immediate\_Audit=N) | MPFac  MPPract  xClinicalFNX  xClinicalReview | MPFac  MPPract  xClinicalFNX(RO=2)  xClinicalReview(RO=2)  TRPN(RO=2) | CR0 not to be end state for a Non-PAR claim. |
| Client\_3 | WSRHG00001 | 5170010001  CCode - RPG MPIWC  (Immediate\_Audit=Y) | MPFacWorkComp  MPPractWorkComp  xClinicalReview  xClinicalPAR  xClinicalFNX | MPFacWorkComp  MPPractWorkComp  xIHPWorkersComp  xClinicalReview(RO=2)  xClinicalReview(RO=8)  xClinicalPAR=NW(RO=8) | CR0 not to be end state for a Non-PAR claim. |
| Client\_4 | WSRHG00001 | 1318010001  CCode - RHG AM  (Immediate\_Audit=Y) | MPFacAuto  MPPractAuto  xClinicalPAR  xClinicalFNX  xClinicalReview | MPFacAuto  MPPractAuto  xClinicalPAR=PS(RO=8)  xClinicalReview(RO=2)  xClinicalReview(RO=8) | CR0 to be end state for a Non-PAR claim. |
| Client\_5 | 4772000000 | 4772110001  CCode- PEH HDMF  (Immediate\_Audit=Y) | MPFac  MPPract  xBeechNonLogo  xClinicalPAR  xClinicalFNX  xClinicalReview | MPFac  MPPract  xBeechNonLogo (RO=2)  xClinicalPAR=NW(RO=8)  xClinicalFNX (RO=2)  xClinicalReview (RO=2)  xClinicalReview (RO=8) | CR0 to be end state for a Non-PAR claim. |
| Client\_6 | 562403V501 | 5624030001  CCode – RDS EMP  (Immediate\_Audit=Y) | xClinicalReview  MPPract  MPFac  xClinicalPAR  xClinicalFNX | xClinicalReview(RO=0)  MPPract/Fac (RO=1)  xClinicalPAR (RO=8)  xClinicalReview(RO=8)  xClinicalReview(RO=2)  xClinicalFNX(RO=2) | CR0 not to be end state for a Non-PAR/Non-Priced claim. |
| Client\_7 | 1129000000 | 1129010001  CCode - MARSP3 R1  (Immediate\_Audit=N) | xClinicalReview | xClinicalReview(RO=0)  xClinicalReview(RO=8) |  |

Approach – Testing Types

## Unit/Component Testing

RTA claims will be tested with the below setup:

Select \* from **MPIEFP.EDP\_STANDARD\_VALUES** where value\_type = ‘REALTIME\_ANALYTICS’

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Alternate\_acct\_id** | **VALUE\_TYPE** | **HCFA\_UB** | **STANDARD\_VALUE** | **RETURN\_VALUE** |
| <Client Sender Id> | REALTIME\_ANALYTICS | B | Y | Y |

Select \* from **CLAIMS\_CONFIG.STANDARD\_VALUES** where value\_type = 'TRIAGE\_TARGET\_SYSTEM' and standard\_value='RTA'

|  |  |  |  |
| --- | --- | --- | --- |
| **VALUE\_TYPE** | **HCFA\_UB** | **STANDARD\_VALUE** | **RETURN\_VALUE** |
| TRIAGE\_TARGET\_SYSTEM | B | RTA | MCM |

All RTA components will be tested using the below client types and claim flows:

1. Using CEP/WS claims for clients having only xClinicalReview product.
2. Using CEP/WS claims for clients having xClinicalReview, xClinicalPAR, xClinicalFNX product.
3. Using CEP/WS claims for clients having xClinicalPAR, xClinicalNX product.
4. Using clients who submit both CEP and EDI claims, using same CCode.
5. Using clients who submit both CEP and WS claims, using same CCode.
6. Using clients who only submit CEP or WS claims.
7. Using clients having IA=Y OR IA=N.

### PreNetworx Changes

* Verify PNX routes CEP/WS claims to RTA, if the value\_type =’ REALTIME\_ANALYTICS’, for the client.
* Verify PNX does not impact the EDI claim routing, if the value\_type =’ REALTIME\_ANALYTICS’, for the client.
* Verify PNX invokes MPIClaimDetailSvc to contruct the request payload.
* Verify the below responses that PNX can receive back from MarsAnalyticsSvc:
  + Success
  + Failure
  + Pended
* Routing adjustments thru the old MARS route. (Venkat said no code change for this)

### Operation ‘SubmitClaimForAnalytics’ in MARSAnalyticsSvc

Pre-Analytics:

* Verify data storage in Mongo DB
* Verify the below information is correct and available in MARS database (E\_SHR /D\_FNL):
* Payer Information
* Provider Information
* Bill Type
* Procedure Codes
* Revenue Codes
* Verify the claim data is copied/mapped to the D\_FNL database as per the mapping provided by MARS team. (Pramod to give the mapping)

Analytics:

* Analytics procedure executed successfully

Post-Analytics:

* Retrieving analytics from D\_FNL.
* Calling the service UCWTriageSvc when 290 is setup for the client and claim is not negotiated successfully in CNX.
* Verify data storage in Mongo DB

### Operation ‘DetermineTriageWorthy’ in UCWTriageSvc

* Verify for INN/OON/CPC claims.
* Verify for clients having ‘TriageTrumpScoring’ , ‘ScoringTrumpTriage’ or only having ‘xClinicalReview’.
* Verify claims with line level factors defined eligible for clinical review.
* Verify claims with line level factors not defined eligible for clinical review.
* Verify claims with claim level factors defined eligible for clinical review.
* Verify claims for all defined CC levels.

### Operation ‘PerformAutoClosure’ in UCWTriageSvc

* Verify for INN/OON/CPC claims.
* Verify for clients having ‘TriageTrumpScoring’ , ‘ScoringTrumpTriage’ or only having ‘xClinicalReview’.
* Verify claims based on total billed vs Total billed Floor value/Total Billed Ceiling value.
* Verify claims based on total lines vs maximum number of lines.
* Verify claims having CCLevel = 22 – 29, 33, or 34.
* Verify claims based on total allowed combined vs manual edit potential floor value.
* Verify the return of all possible auto closure values.

### Operation ‘SubmitClaimToTriage’ in UCWTriageSvc

* Verify INN/OON/CPC RTA claims are routed to the target triage system based on CLAIMS\_CONFIG.STANDARD\_VALUES.

### Routing claims to MCM (OLD Triage) – TRIAGE\_OUTBOUND\_PROCESS

* Verify the claims getting stored to MPICDP, if TriageWorthy.
* Verify routing of INN/OON/CPC claims to MCM (Old Triage), if auto closed.
* Verify routing of INN/OON/CPC claims to MCM (Old Triage, if not auto closed.
* Verify product code, status id, sub-status id being routed to MCM.
* Verify claim routing using pervasive process TRIAGE\_OUTBOUND\_PROCESS, for the below flows:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Flow** | **Product Code** | **Status ID** | **Sub\_Status ID** | **Status\_Code** | **Description** |
| MCMTriage | CLAIM CORRECTION | 5 | NULL | 430500000 | Not Autoclosed |
| MCMStorage | CLAIM CORRECTION | 7 | AF0 -> 10 | 430700000 | Auto Closed with no findings |
| MCMStorage | CLAIM CORRECTION | 7 | AF2 -> 12 | 430700000 | Auto Closed with partial findings |

### Processing claims in MCM (OLD Triage)

* Verify routing of both RTA and UCW claims together to MCM (OLD Triage)
* Verify RTA/UCW AutoClosed claims copied to Sales Force, such that appeals can be handled.
* Verify triage is executed on the RTA claims which were not auto closed.
* Verify ETL process (TRIAGE\_CLAIMS\_TO\_JMS) enqueues both RTA and UCW claims to the JMS queue after Triage completion differentiating the RTA and UCW claims with requestID.

### Claim return from MCM (*UCWTraigereturnSvc*)

* Verify the claims with Flow=MCMTriage are dequeued to MPICDP database.
* Verify ‘GetClaimDetailsFromCDP’and ‘UpdateClaimAnalytics’are invoked to update the claim details in MPIEFP database.
* Verify the claims with Flow=MCMTriage, are handed over to ENAT for further processing.

### Claim updates to MPIEFP schema

* Verify claim\_edits for claims returning via the RTA flow.
* Verify the below for claims routing to xClinicalNegotiation only(294)
* Insert analytics into Temp tables
* Copy analytics to PAR tables
* Delete analytics from Temp tables
* Handover claim to traffic cop (call spReceiveAnalytics)
* Verify the below for claims that are Not Triage Worthy
* Insert analytics into Temp tables
* Copy analytics to PAR tables
* Delete analytics from Temp tables
* Handover claim to traffic cop (call spReceiveAnalyticsUCW)
* Verify the below for claims that are Triage Worthy and Auto Closed
* Inserts analytics into Temp tables
* Copy analytics to PAR tables
* Delete analytics from Temp tables
* Handover claim to traffic cop (call spReceiveAnalyticsUCW)
* Verify the below for claims that are Triage Worthy and Not Auto Closed
* Inserts analytics into Temp tables
* Copy analytics to PAR tables
* Leave analytics in Temp tables
* *Verify after claim returns from manual review (UpdateClaimAnalytics)*
* Update analytics in Temp tables
* Delete analytics from PAR tables
* Copy analytics to PAR tables
* Handover claim to traffic cop (call spReceiveAnalyticsUCW)

### Inflight Claims

* Verify if claims already at MCM for manual review, the same claim can still successfully return if the client is migrated to the RTA flow.

### Error Handling

Failures in all of the below services and processes will be checked as part of error handling.

| **SNo** | **MarsAnalyticsSvc**  **(1)** | **UCWTriageSvc**  **(2)** | **MPIClaimIntakeSvc**  **(3)** | **Triage\_Outbound**  **(ETL Process)**  **(4)** | **MCM\_to\_JMS (ETL Process)**  **(5)** | **UCWTriageReturnSvc**  **(6)** | **MPIClmDtlSvc**  **(7)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1.1 | Failure– Svc down | - | - | - | - | - | - |
| 1.2 | Failure – E\_SHR Lookup fails | - | - | - | - | - | - |
| 1.3 | Failure – D\_FNL Load fails | - | - | - | - | - | - |
| 1.4 | Failure – D\_FNL data retrieval fails | - | - | - | - | - | - |
| 2.1 | Success | Failure – DetermineTriageWorthy fails. | - | - | - | - | - |
| 2.2 | Success | Failure – PerformAutoClosure fails. | - | - | - | - | - |
| 3.1 | Success | Success | Failure - LoadClaimAnalytics fails  (TriageWorthy AutoClosed clms) |  |  |  |  |
| 3.2 | Success | Success | Failure - LoadClaimAnalytics fails  (NotTriageWorthy clms) |  |  |  |  |
| 3.3 | Success | Success | Failure –  SaveClaimToCDP fails  (TriageWorthy NotAutoClosed clms) |  |  |  |  |
| 4.1 | Success | Success | Success –  SaveClaimToCDP  (TriageWorthy NotAutoClosed clms) | Failure | - | - | - |
| **SNo** | **MarsAnalyticsSvc**  **(1)** | **UCWTriageSvc**  **(2)** | **MPIClaimIntakeSvc**  **(3)** | **Triage\_Outbound**  **(ETL Process)**  **(4)** | **MCM\_to\_JMS (ETL Process)**  **(5)** | **UCWTriageReturnSvc**  **(6)** | **MPIClmDtlSvc**  **(7)** |
| 4.2 | Success | Success | Success –  SaveClaimToCDP  (TriageWorthy AutoClosed clms) | Failure | - | - | - |
| 5.1 | Success | Success | Success  SaveClaimToCDP  (TriageWorthy NotAutoClosed clms) | Success | Failure | - | - |
| 6.1 | Success | Success | Success  SaveClaimToCDP  (TriageWorthy NotAutoClosed clms) | Success | Success | Failure | - |
| 7.1 | Success | Success | Success  SaveClaimToCDP  (TriageWorthy NotAutoClosed clms) | Success | Success | Success | Failure |

### Adjustments

* Adjustments on RTA CEP claims that earlier qualified/not qualified for claim correction.
* Adjustments on RTA WS claims that earlier qualified/not qualified for claim correction.
* Multiple adjustments on the same claim
* Verify adjustments of RTA claims follow the Non-RTA MARS claims adjustment route.
* Adjustment of RTA claims will be performed using the below CEP user selections:
* Apply Original Analytics
* Apply New Analytics
* No Analytics
* Remote User – No Toggle available.
* Adjusting claims that did not earlier route to TRIAGE and were sent to client after SCORING. Since such claims will not be present in MCM, how will the adjustment flow get the analytics data for these claims in the OLD MARS DB Instance.

## Regression Testing

The following regressions will be executed:

* SUBMIT regression
* EDIExtract regression (For current MARS flow)
* External\_Network Inbound (Not sure)

## Performance/Volume Testing

## End to End Testing of RTA claim flow

During the E2E testing the below MARS claim flows will be emphasized upon.

### WS and CEP Claim processing

* Claims stopped for manual triage.

Claims with MSR\_MPPR pricing.

* Reconciliations
* Adjustments
* Savings Calculation for WC and GH claims
* Supplemental File Creation

RTA PHASE 2

## Unit/Component Testing

RTA Phase 2 testing will involve claims being routed to New Triage with the below setup:

Select \* from **MPIEFP.EDP\_STANDARD\_VALUES** where value\_type = ‘REALTIME\_ANALYTICS’

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Alternate\_acct\_id** | **VALUE\_TYPE** | **HCFA\_UB** | **STANDARD\_VALUE** | **RETURN\_VALUE** |
| <Client Sender Id> | REALTIME\_ANALYTICS | B | Y | Y |

Select \* from **CLAIMS\_CONFIG.STANDARD\_VALUES** where value\_type = 'TRIAGE\_TARGET\_SYSTEM' and standard\_value='RTA'

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Alternate\_acct\_id** | **VALUE\_TYPE** | **HCFA\_UB** | **STANDARD\_VALUE** | **RETURN\_VALUE** |
| <Client Sender Id> | TRIAGE\_TARGET\_SYSTEM | B | RTA | TRIAGE |

RTA claim flow to New Triage will be tested using the below client types and claim flows:

* Using CEP/WS claims for clients having only xClinicalReview product.
* Using CEP/WS claims for clients having xClinicalReview, xClinicalPAR, xClinicalFNX product.
* Using CEP/WS claims for clients having xClinicalPAR, xClinicalNX product.
* Using clients who submit both CEP and EDI claims, using same CCode.
* Using clients who submit both CEP and WS claims, using same CCode.
* Using clients who only submit CEP or WS claims.
* Using clients having IA=Y OR IA=N.

### Operation ‘ClaimDupeCheck’ in UCWTriageSvc

* Verify for INN/OON/CPC claims.
* Verify for claims having ‘TriageTrumpScoring’ , ‘ScoringTrumpTriage’ or only routing to Triage.
* Verify dupe check for various combinations of client\_claim\_id , alternate\_account\_id, claim\_received\_from and status\_code (Dupe\_Check\_1)
* Verify dupe check for various combinations of provider information, claim\_charge, patient information, sender\_id and status\_code. (Dupe\_Check\_2)
* Verify EDP\_HCFA\_CLAIM\_CODES| EDP\_UB\_CLAIM\_CODES table updates for dupe claims.

### Operation ‘SubmitClaimToTriage’ in UCWTriageSvc

* Verify INN/OON/CPC RTA claims are routed to the target triage system based on CLAIMS\_CONFIG.STANDARD\_VALUES.

### Routing claims to New Triage

* Verify routing of INN/OON/CPC claims to MCM (Old Triage), if auto closed and not to New Triage.
* Verify routing of INN/OON/CPC claims to New Triage, if not auto closed.
* Verify Triage\_Status, Status\_Reason\_Cd for the Triage Claim Workflow.
* Not clear on the extent of ‘New Triage’ testing, with RTA claims. Should it behave 100% as the OLD Triage behaved for the same RTA claim revied. OR This effort is still in progress. ??
* Verify claims closed in New Triage have the status\_code updated in MPIEFP tables.
* Verify the claims closed in New Triage are routed to MCM (Old Triage), via MPICDP database.
* Verify the status\_code of New Triage claims in MPICDP has the 4th digit as ‘7’ since this claim is routing to MCM for the purpose of Storage (Even though not AutoClosed)

### Claim updates to MPIEFP schema

* Verify claim\_edits for RTA claims returning from New Triage.
* Verify the below for claims routing to xClinicalNegotiation only(294)
* Insert analytics into Temp tables
* Copy analytics to PAR tables
* Delete analytics from Temp tables
* Handover claim to traffic cop (call spReceiveAnalytics)
* Verify the below for claims that are Not Triage Worthy
* Insert analytics into Temp tables
* Copy analytics to PAR tables
* Delete analytics from Temp tables
* Handover claim to traffic cop (call spReceiveAnalyticsUCW)
* Verify the below for claims that are Triage Worthy and Auto Closed
* Inserts analytics into Temp tables
* Copy analytics to PAR tables
* Delete analytics from Temp tables
* Handover claim to traffic cop (call spReceiveAnalyticsUCW)
* Verify the below for claims that are Triage Worthy and Not Auto Closed
* Inserts analytics into Temp tables
* Copy analytics to PAR tables
* Leave analytics in Temp tables
* *Verify after claim returns from manual review (UpdateClaimAnalytics)*
* Update analytics in Temp tables
* Delete analytics from PAR tables
* Copy analytics to PAR tables
* Handover claim to traffic cop (call spReceiveAnalyticsUCW)

### Adjustments

* Adjustments on RTA CEP claims that earlier qualified/not qualified for claim correction in New Triage.
* Adjustments on RTA WS claims that earlier qualified/not qualified for claim correction in New Triage.
* Multiple adjustments on the same claim that was first time reviewed in New Triage.
* Verify adjustments of RTA claims follow the Non-RTA MARS claims adjustment route.
* Adjustment of RTA claims will be performed using the below CEP user selections:
* Apply Original Analytics
* Apply New Analytics
* No Analytics
* Remote User – No Toggle available.
* Adjustments to be initiated for:
* Claim that routed to Analytics and Triage and was not Triage Worthy earlier
* Claim that routed to Analytics and Triage and was Triage Worthy earlier
* Claim that only routed to Triage and was not Triage Worthy earlier
* Claim that only routed to Triage and was Triage Worthy earlier

Pass / Fail Criteria

## Approval Criteria

All functional and E2E test case execution should be complete in Quality Center.

# Testing Controls & Procedures

## Test Deliverables

* Test Strategy for functional and E2E testing
* Test Cases for functional / E2E testing

## Testing Tasks

* Test Data creation
* Functional Testing
* Regression Testing
* E2E testing

## Key Roles and Responsibilities

| Role | Responsibility |
| --- | --- |
| SQA | * Manmeet Chadha |
| BAT |  |
| EDI |  |
| BA, functional core team | * Heidi Rolfsmeyer |
| Business SMEs |  |
| Project Management | * Panneer Gangatharan |
| Technical Team | * Pramod Paidipelly * Tang Yuging |

## Resources

Enter text here.

## Schedule

Test planning : 7/30 – 8/3

Test cases: 8/6- 8/10

Execution : 8/13- 10/12

Functional : 8/13- 10/5

E2E : 10/1-10/12

## Testing Success Criteria

### Entrance Criteria

| **Entry Criteria** | **Test Team** | **Technical Team** | **Notes** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

### Exit Criteria

| **Exit Criteria** | **Test Team** | **Technical Team** | **Notes** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Defect Management

All defects will be raised in HP ALM Quality Center, for Project=’Humana Migration’

### Defect Management Severity Definitions

1 - Urgent

2 - High

3 - Medium

4 - Low

### Defect Management of Testing Completion

All defect for Project=’Realtime Analytics’ should be Closed or Deferred to a later release, for marking Test Completion.

## Risk Management

### Risks and Assumptions

|  |  |  |
| --- | --- | --- |
| **Risk Number** | **Risk Description** | **Mitigation Steps** |
|  |  |  |

## Progress Reporting

Enter text here.

Environmental Requirements

## Test Environment Provisioning Request Process

* The queues to be in place in SQA.
* ETL processes to be in place, in SQA.
* Test CCodes and Provider information to be available in E\_SHR database.
* The new database instance to be in place on the MARS side, for RTA claim flow.

# References

| Artifact Name | Location/ Link | Notes |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Glossary

|  |  |
| --- | --- |
| Term | Description |
|  |  |
|  |  |
|  |  |