Electronic Submission of Medical Documentation (esMD)

RC Technical Release Changes for AR2025.01.0 (Final)

Version 2.0

11/22/2024

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1   Introduction

This Technical Release Changes (TRC) document provides the interface and technical release changes that have been identified for the Electronic Submission of Medical Documentation (esMD) Change Requests (CRs) that will be developed for the January 2025 release (AR2025.01.0).

This document must be used in conjunction with the Centers for Medicare & Medicaid Services (CMS) Review Contractor (RC) Implementation Guides for Java and .NET. RCs must use Java Development Kit (JDK) Version 1.8 or higher and .NET Framework Version 4.8 or higher.

The audience of this document are implementers, such as architects and developers, who are responsible for the exchange of supporting/attachment information among healthcare providers, RCs, and their business associates such as CMS.

2 Purpose

This document outlines the functional/technical aspects of the following functionalities that will be implemented in the January 2025 release.

1. Enhancement to add four new columns to the MR101/MR102 Reconciliation Report.

2. Registered Provider File (RPF) schedule will be updated from daily to weekly to send the exported batch file to the Shared System Maintainers (SSMs) at 3pm.

3. Additional changes to address issues noted during esMD operations.

3 Reconciliation Report Enhancements

The Recon report has been enhanced by the addition of four columns of information. This enhancement is an effort to consolidate useful information and make it easily accessible.

- The Recon Report will display four new columns: Program Name, PTAN, Error Description, and Additional Information.

- These columns are applicable to eMDR transactions. Transactions for all other LOBs will be populated with 'NA' in these new columns.

The new columns shall be populated in the following manner:

- **Program Name:** This column will display the claim type information for all eMDR transactions.

- **PTAN:** This column displays the Provider Transaction Access Number/Provider Number for all eMDR transactions.

- **Error Description:** This column displays details of a errors encountered during validation of the eMDR Letters or failed delivery of the eMDR Package to the HIH. (Failure transactions only)

  NOTE: Error details will appear for all errors that esMD currently logs.

- **Additional Information:** This column will default to NA for all transactions.

  NOTE: The Additional Information column has been included for <u>future use</u>. It is expected to be used to report information that is of special value or significance to the transaction sender or receiver.

Figure 1: Recon Report (Highlighted New Program Name Column)

Figure 2: Recon Report (Highlighted New PTAN, Error Description, and Additional Info Columns)

Case ID	NPI	Unique ID	PTAN	Transaction Status	Recipient Pickup Time	Recipient/PA Response Time	Number of Documents	Number of Structured Documents	Audit Event/Exception Description	Error Description	Additional Information	Last Action Date/Time
UCM2376674	1992853964	WQZX092524154045	1740288653	Delivery Failure	NA	NA	2	1	ESMD SYSTEM FAILED TO DELIVER THE EMDR PACKAGE TO THE HIH AFTER 3 RETRIES	1061-The EMDR package failed delivery to HIH after 3 retries	NA	9/25/2024 5:27:31 PM
UCM2376674	1992854350	WJ9N092524154046	NA	Invalid	NA	NA	2	1	NPI: 1992854350 RECEIVED FROM RC IS MISSING PROVIDER CONSENT IN THE ESMD DATABASE	NA	NA	9/25/2024 3:46:51 PM
UCM2376674	1992853964	W5XS092524154047	1740288653	Delivery Failure	NA	NA	2	1	ESMD SYSTEM FAILED TO DELIVER THE EMDR PACKAGE TO THE HIH AFTER 3 RETRIES	1061-The EMDR package failed delivery to HIH after 3 retries	NA	9/25/2024 5:27:31 PM
TESTONETWO	1992853964	ULG309252415 4113	NA	Delivery Failure	NA	NA	2	1	ESMD SYSTEM FAILED TO DELIVER THE EMDR PACKAGE TO THE HIH AFTER 3 RETRIES	1061-The EMDR package failed delivery to HIH after 3 retries	NA	9/25/2024 5:24:31 PM
TESTONETWO	1992854350	UHR109252415 4112	NA	Invalid	NA	NA	2	1	NPI: 1992854350 RECEIVED FROM RC IS MISSING PROVIDER CONSENT IN THE ESMD DATABASE	NA	NA	9/25/2024 3:46:43 PM
TESTONETWO	1992853964	U73309252415 4111	NA	Invalid	NA	NA	2	1	PREFIX FOR THE ADR LETTER IN PDF FILE NAME DOES NOT MATCH WITH	NA	NA	9/25/2024 3:46:40 PM

Legend | **esMD Recncil** | ⊕

A sample copy of the updated MR101 report from the esMD VAL environment is included below to assist RCs with validating their internal changes.

NOTE This file can only be access from the MS Word version of this document due to limitations with the .PDF document.

MR101-esMDRecncil
Rpt-2024-11-14_VAL.x

4 RPF (NPI Export) Schedule Updated for the SSMs

The Registered Provider File (RPF) schedule is updated from daily to weekly to send the exported batch file to SSMs.

- The schedule to send the Provider Registration File (NPI export) to the SSMs is updated from daily to weekly on Friday at 3:00 PM.

- Any change to and existing NPI or the addition of new NPI(s) will trigger the export file on the same day at 3:00 PM.

- If Friday is a holiday, the export will be triggered on the next business day.

- Any changes that occur after 3:00 PM will be reflected in the next business day's batch file.

5 Additional Changes

The following changes were made to the esMD System to address the operational use cases below.

Use Case 1: When the PA Reject response received from the RC Client is unable to be delivered to HIH due to an HIH gateway issue, esMD will send the following status message to the RC via the Status API:

> "PAREJECT NOTIFICATION DELIVERY FAILED TO HIH, ESMD WILL RETRY DELIVERY TO HIH LATER AND REVIEW CONTRACTOR CAN REQUEST THE DELIVERY STATUS THROUGH STATUS API."

Use Case 2: In some cases, payload files are not deleted from the target directory even after successfully processing, resulting in duplicate files download. This is applicable only in the Java RC Client.

> Solution: A code fix has been applied to the new RC Client Java version. The file delete method has been updated from *deleteQuietly* to *forceDelete*. The *forceDelete* method will throw an error if there is any issue in deleting a file, and the error will be captured in the logs.

Appendix A: Record of Changes

Table 1: Record of Changes

Version Number	Date	Author/Owner	Description of Change
1.0	10/9/2024	Akhil Bandi, Venkata Gurram	Initial delivery of January 2025 release (Preliminary)

2.0	11/15/2024	Rambabu, Madhava	AR2025.01.0 release version 2.0 contains the following updates:
			1. Updated Sections(s):
			  a. Section 2 - Added bullets 2 and 3.
			  b. Section 3 - Added note to Error Description bullet and embedded an MR101 report.
			2. Added Section(s):
			  a. Section 4 - Added to describe RPF schedule changes for the SSMs.
			  b. Section 5 - Added to summarize additional changes to address defects.

Appendix B: Acronyms

Table 2: Acronyms

Acronym	Literal Translation
CMS	Centers for Medicare & Medicaid Services
CR	Change Request
esMD	Electronic Submission of Medical Documentation
eMDR	Electronic Medical Documentation Request
HIH	Health Information Handler
ID	Identifier
JDK	Java Development Kit
LOB	Line of Business
MAC	Medicare Administrative Contractor
NA	Not Applicable
NPI	National Provider Identifier
PA	Prior Authorization
PDF	Portable Document Format
PTAN	Provider Transaction Access Number
RC	Review Contractor
RPF	Registered Provider File
SSM	Shared System Maintainer
TRC	Technical Release Changes
VAL	Validation
XDR	Cross-Enterprise Document Reliable Interchange