



Development Applications and Technical Services

**Centers for Medicare & Medicaid Services**

# **Electronic Submission of Medical Documentation (esMD)**

## **RC Technical Release Changes for April 2021 Release - Final**

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**Version 1.0**

**2/11/2021**

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## 1. Introduction

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The Technical Release Changes document provides the interface and technical release changes that have been identified for the Change Requests (CR) that will be deployed to Production (PROD) in the April 2021 release (AR2021.04.0).

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 and .NET Framework Version 4.5 or higher.

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

**NOTE:** No changes to the RC Client API as part of April 2021 release.

## 2. Purpose

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This document outlines the functional/technical aspects of the following functionalities that will be developed and deployed in the April 2021 release:

- Validate all the required elements in the eMDR Post-Pay Structured XML file.
- Update the Recon report to reflect the latest status of the transaction.

This document does not address installation and configuration details of the actual implementation.

## 3. Assumptions

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The esMD system complies with industry standards defined by various standards committees. Hence, it is extremely important that esMD participants adhere to the norms with the following assumptions:

1. Communications between the Electronic Submission of Medical Data (esMD) system and Medicare RCs will be asynchronous; and
2. A RC's system will be compliant with the esMD system and will be able to receive, accept and process inbound PA program requests from the esMD system.

## 4. eMDR Post-Pay XML

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Currently some of the required elements in the eMDR Structured XML file part of the eMDR Post-Pay transaction are received as blank values to esMD. esMD will validate all the required elements in the eMDR Structured XML file before sending to HIH. When RC does not provide the required values or include empty tags in the eMDR Structured XML file, the eMDR Post-Pay transaction will be rejected back to RC. The error message that RC will be receiving is in the error response XML is provided below:

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1043-esMD Validation Error: Unable to parse the EMDR STRUCTURED FILE for the ADR EMDR POSTPAY LETTERS. Correct and resubmit.

## 5. Reconciliation Report

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As part of April 2021 release, there are changes to two versions of the Reconciliation reports (MR101-esMDRecncilRpt and MR102-esMDRecncilRpt). The changes are as follows:

1. Recon report will be updated to reflect only the latest event of a transaction in the “Audit Event/Exception Description” column. When multiple errors are encountered for a transaction, only the first recorded error message will show up in the report. In case of successful transaction, the most recent event of a transaction shall be displayed.
2. Existing column “Delivery to EFT” will be renamed to “Last Action Date/Time” to capture the date/time of the last activity occurred for a transaction.
3. “Recipient Pickup Status” column will be removed from the Excel and CSV report versions.
4. When the supporting documentation is received for X12 278 request, regardless of validation results, X12 278 transaction status is set to **‘Supporting Doc Received’** on the recon report. This status confirms that esMD has received an XDR (CTC 13) or X12\_275 (CTC 13), supporting documentation transaction that matched to a X12\_278 transaction on ACN and NPI. And entities should follow the onward and returning journey as it continues in the “child” supporting documentation transaction (either XDR\_X12 or X12\_275)
5. For PA and PCR transactions, once the PA transaction request has been successfully picked up by the RC, the transaction status is updated to ‘complete’ status. But the events occurred as part of PA/PCR response would appear in the “Audit Event/Exception Description” column.
6. There will be changes to the “Legend” tab based on the “esMD Recncil” tab updates.

Sample reports for the Excel version and CSV version are included below.



MR101-esMDRecncil Rpt.xlsx



MR102-esMDRecncil Rpt.csv

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## Appendix A: Record of Changes

Table 1: Record of Changes

Version Number	Date	Author/Owner	Description of Change
1.0	2/11/2021	Steven Prest	Final version of RC Technical Release Changes

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## Appendix B: Acronyms

Table 2: Acronyms

Acronym	Literal Translation
ADR	Additional Document Request
API	Application Programming Interface
CMS	Centers for Medicare & Medicaid Services
CR	Change Request
DMEPOS	Durable Medical Equipment, Prosthetics, Orthotics and Supplies
esMD	Electronic Submission of Medical Documentation
FFR	Flat File Rendering
HH-PCR	Home Health Pre-Claim Review
HIH	Health Information Handler
JDK	Java Development Kit
MB	Megabytes
MFT	Managed File Transfer
PA	Prior Authorization
PDF	Portable Document Format
PROD	Production
RC	Review Contractor
TBD	To Be Determined
URL	Universal Resource Locator
XDR	Cross-Enterprise Document Reliable Interchange
XML	Extensible Markup Language

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## Appendix C: Referenced Documents

Table 3: Referenced Documents

Document Name	Document Location and/or URL	Issuance Date
RC Client Implementation Guide .NET for AR2020.11.0	<a href="https://www.cms.gov/Research-Statistics-Data-and-Systems/Computer-Data-and-Systems/ESMD/Downloads/RC-Implementation-Guide-NET-for-AR2020010.pdf">https://www.cms.gov/Research-Statistics-Data-and-Systems/Computer-Data-and-Systems/ESMD/Downloads/RC-Implementation-Guide-NET-for-AR2020010.pdf</a>	10/15/2020
RC Client Implementation Guide Java for AR2020.11.0	<a href="https://www.cms.gov/Research-Statistics-Data-and-Systems/Computer-Data-and-Systems/ESMD/Downloads/RC-Implementation-Guide-Java-for-AR2020010.pdf">https://www.cms.gov/Research-Statistics-Data-and-Systems/Computer-Data-and-Systems/ESMD/Downloads/RC-Implementation-Guide-Java-for-AR2020010.pdf</a>	10/15/2020