Logical Architecture
for Real-Time Messaging (RTM)

Last Updated 2/28/2019)

Color Key:

= Standard capability In-scope for this GER

= Out-of-Scope

MedImpact

External Client

RTM - Outbound

POS Claim Adjudication

RTM Outbound Processor

Write

RTM Outbound Message Queue

Read

Read

RTM Outbound Message Formatter

Read

RTM Outbound Custom Adapter

Send

Receive RTM Data from MedImpact

Write

Read/ Write

Read/ Write

RTM - Inbound

Various web services for loading data:
- Accum Load
- Claims Load
- etc.

Write

RTM Inbound Message Processor

Read

RTM Inbound Message Queue

Write

Write

Send RTM Data to MedImpact

Accum Load WS

RTM Inbound Message Converter

RTM Inbound Custom Adapter

Send

Data Transporter filters claims and translates to specific target Oracle AQ queues.

IMPORTANT! In the future, the Data Transporter will need to be enhanced to translate one claim event into two (claim and accum) messages in two target AQ queues. This change will be needed if a client needs to receive RTM feeds for both claims and accums.

Read/ Write

Read/ Write

Data Transporter
(Lee Brown Program)

Read

Write

POS DB (MEDM)

Data Replication

POS DB (Downstream)

Eligibility/Accum Exchange SOR

RTM tables in MEDATA (Downstream)

CLAIM_RX triggers populate Oracle AQ queue with claim event records

RTM configuration data, Log of raw in/out messages

I N T E R N A L   F I R E W A L L

E X T E R N A L   F I R E W A L L