



METER DATA MANAGEMENT V2.2

5.3.3 Manage Events

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Brief Description

Business Process: 5.3.3 MDM.v2.2.Manage Events

Process Type: Process

Parent Process:

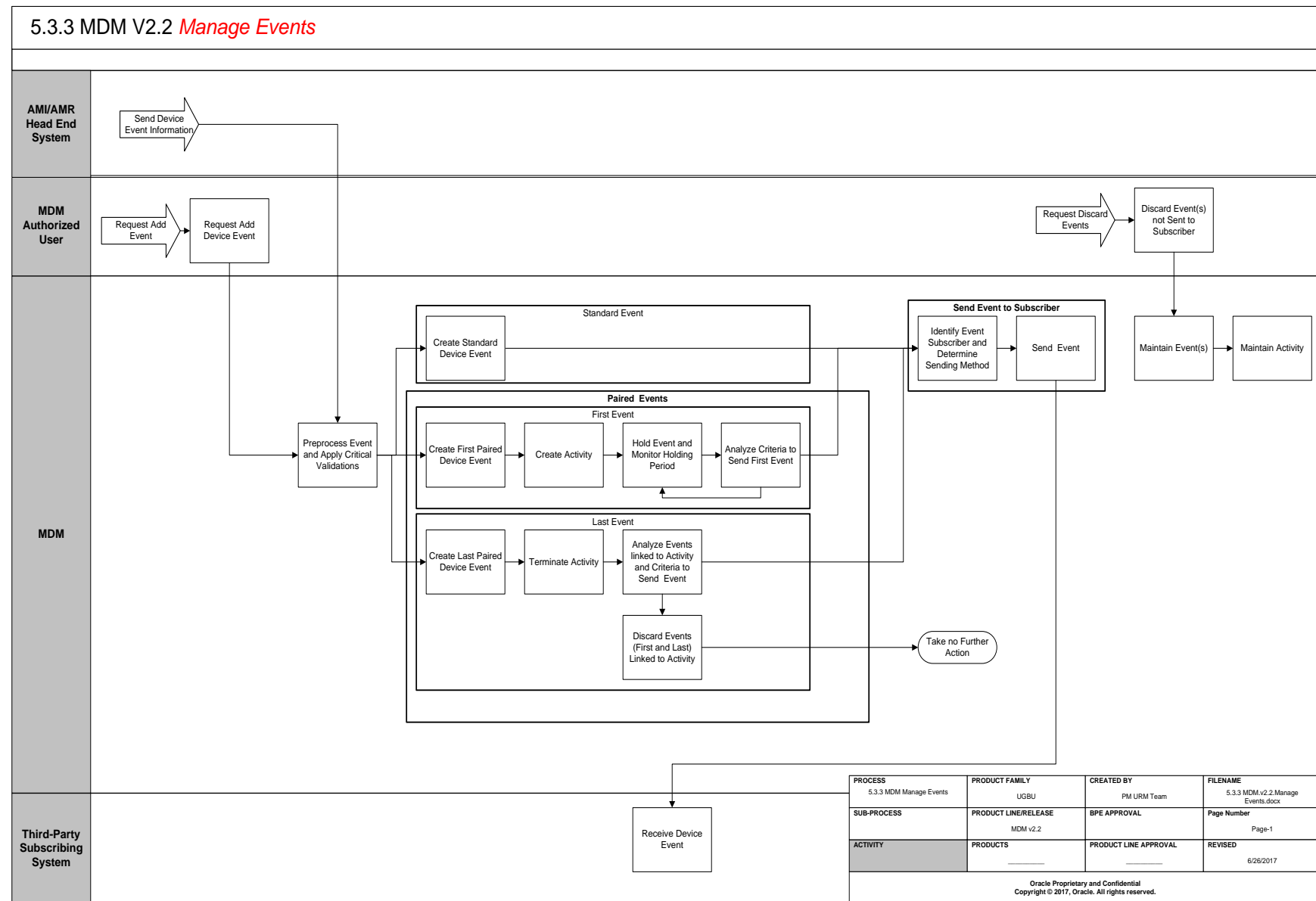
Sibling Processes:

This document describes how Device Events are entered and managed in the MDM system. Device Events are sent by devices (meters) to indicate something that has happened during the device's operation. Devices produce events for different reasons, including an outage or a power restoration detected by the device, manual tampering at the device, operational anomalies that affect the device's data such as a period of low voltage for an electric meter, etc. Different devices send – or can be configured to send – different types of events. Head-end systems can also be configured to send different sets of device events.

Downstream systems, like NMS, are often interested in receiving event information. Subscriptions to device event information should be based upon device event category, with the ability to exclude certain event types from being sent.

Certain device events represent logical pairs, such as “last gasp” and “power on”. These events may arrive as pairs in rapid succession (as the result of a momentary outage, for example), and downstream applications often don't want to receive these events in that case. MDM application provides ability to prevent pairs of events that arrive within seconds of each other from being sent to downstream applications.

Business Process Model



Test Documentation related to the Current Process

ID	Document Name	Test Type

Document Control

Change Record

Date	Author	Version	Change Reference
11/2/2010	Rochelle Cister	1	Initial Version
11/15/2010	Galina Polonsky		Review
11/25/2010	Layne Nelson		Reviewed
08/20/2011	Srinivas Kanteti	2	Update Process
09/03/2011	Galina Polonsky	2.1	Update Process
09/09/2011	Galina Polonsky		Reviewed
07/10/2015	Galina Polonsky	2.2	Minor Changes Applied, Reviewed, Approved

Attachments