

**Oracle Utilities Meter Data Management
Release 2.0.1**

Utility Reference Model

5.3.3 Manage Events

February 2014

Oracle Utilities Meter Data Management Utility Reference Model 5.3.3 Release 2.0.1

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Chapter 1

Overview

This chapter provides a brief description of the Manage Events business process and associated process diagrams. This includes:

- **Brief Description**
- **Business Process Diagrams**
- **How to Read and Understand Process Diagrams**

Brief Description

Business Process: 5.3.3 MDM.Manage Events

Process Type: Process

Parent Process:

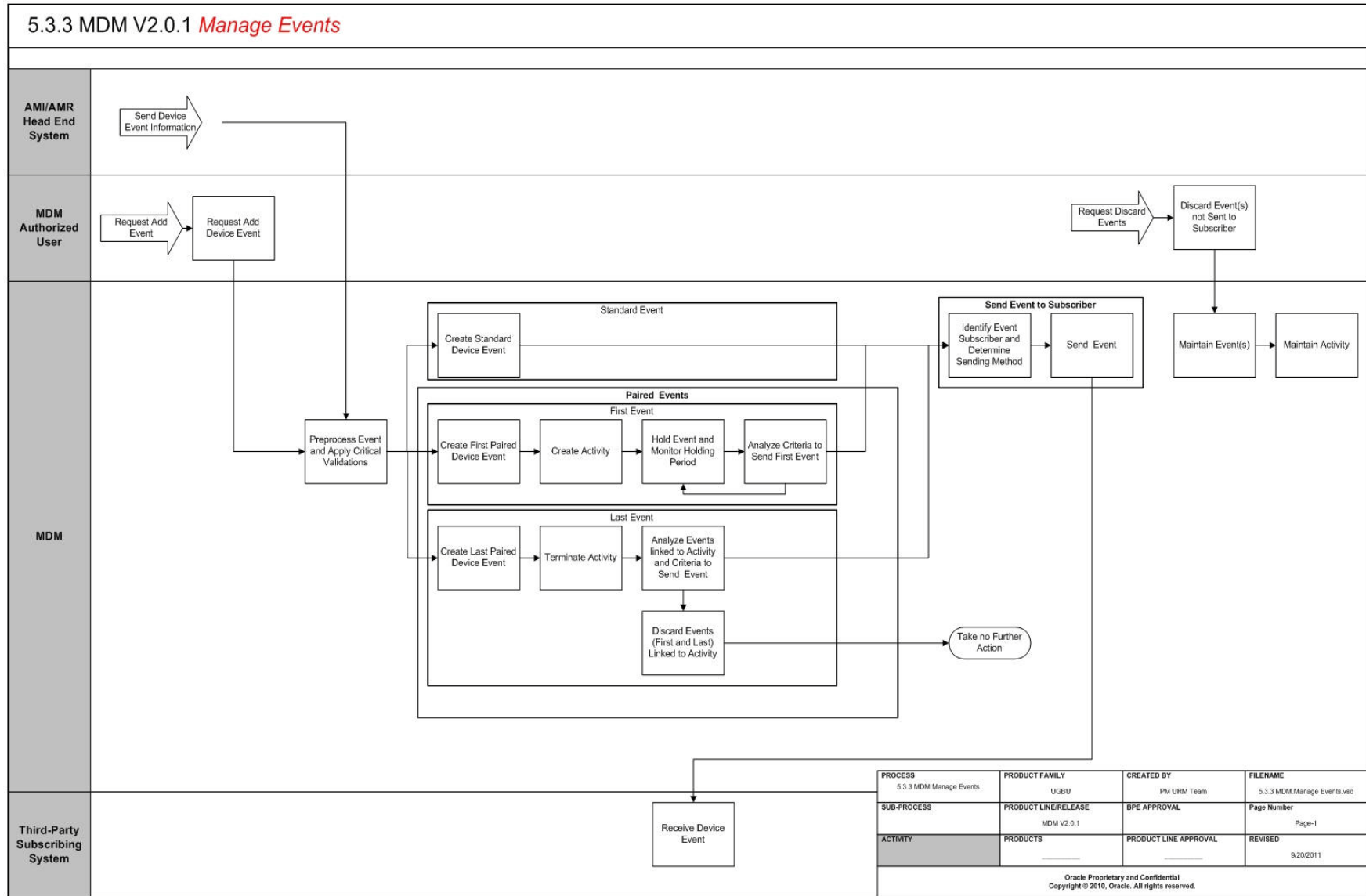
Sibling Processes:

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 Diagrams



How to Read and Understand Process Diagrams

Utility Reference Models. Notations.

