Demand-Driven Replenishment Planning and Execution (2QI)

This scope item supports the following processes:
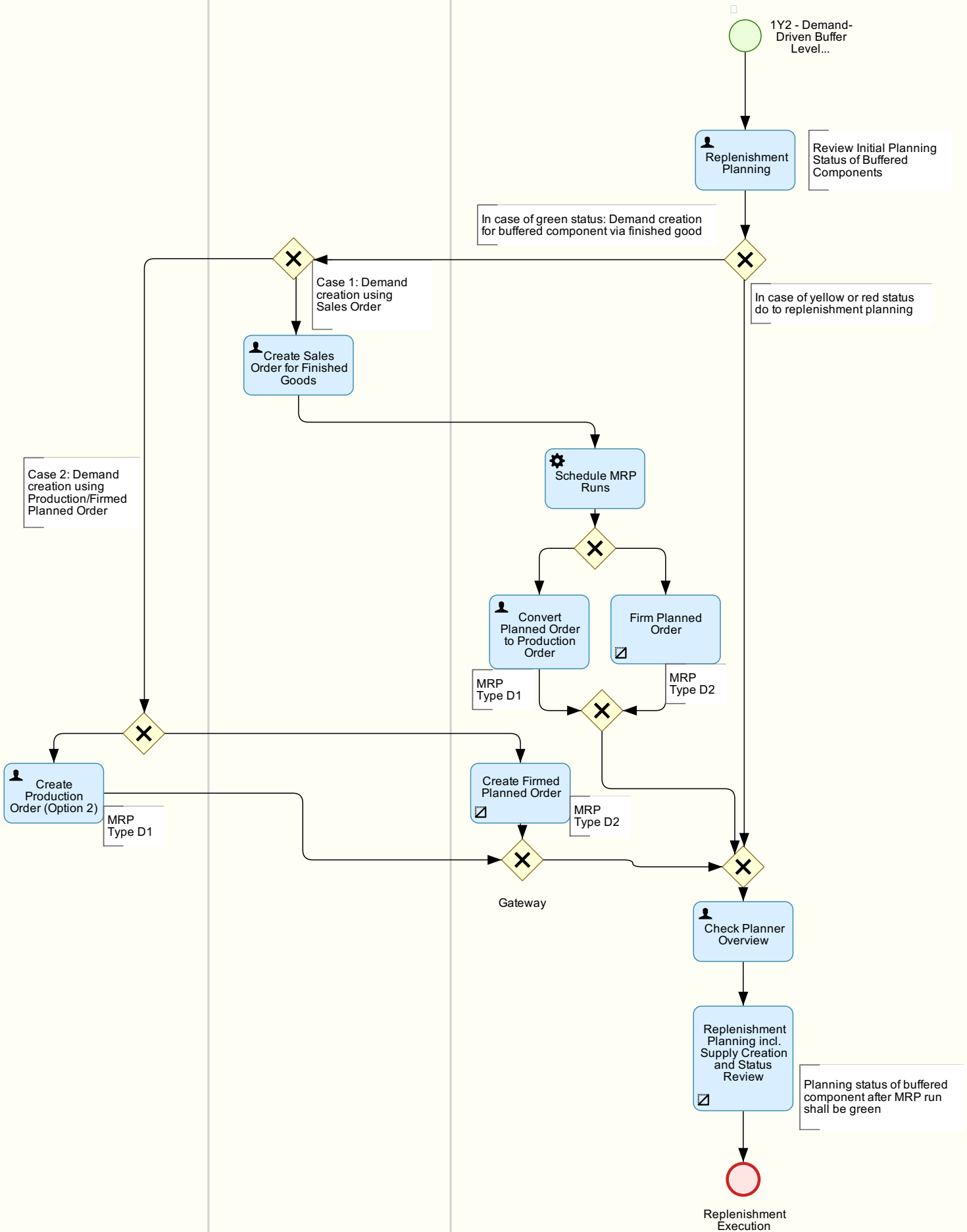
01 - Demand-Driven Replenishment Planning

2QI - Demand-Driven Replenishment Planning and Execution

Production Supervisor	Internal Sales Representative	Production Planner

Production Planner:

○ 1Y2 - Demand-Driven Buffer Level...

Replenishment Planning
— Review Initial Planning Status of Buffered Components

In case of green status: Demand creation for buffered component via finished good

In case of yellow or red status do to replenishment planning

Case 1: Demand creation using Sales Order

Create Sales Order for Finished Goods

Case 2: Demand creation using Production/Firmed Planned Order

⚙ **Schedule MRP Runs**

Convert Planned Order to Production Order — MRP Type D1

Firm Planned Order — MRP Type D2

Create Production Order (Option 2) — MRP Type D1

Create Firmed Planned Order — MRP Type D2

Gateway

Check Planner Overview

Replenishment Planning incl. Supply Creation and Status Review — Planning status of buffered component after MRP run shall be green

○ Replenishment Execution

02 - Demand-Driven Replenishment Execution

2QI - Demand-Driven Replenishment Planning and Execution

Production Planner	Warehouse Clerk	Production Operator

Replenishment Planning

Replenishment Execution — Review replenishment execution status

In case of green

In case of yellow or red

Post Goods Issue

Status shall be yellow or red

Replenishment Execution Review

Succeeding Production Execution

Post Goods Receipt

Replenishment Execution Review — Status shall be green

Optionally: Check for projected on-hand stock alerts

Projected On-Hand Alerts