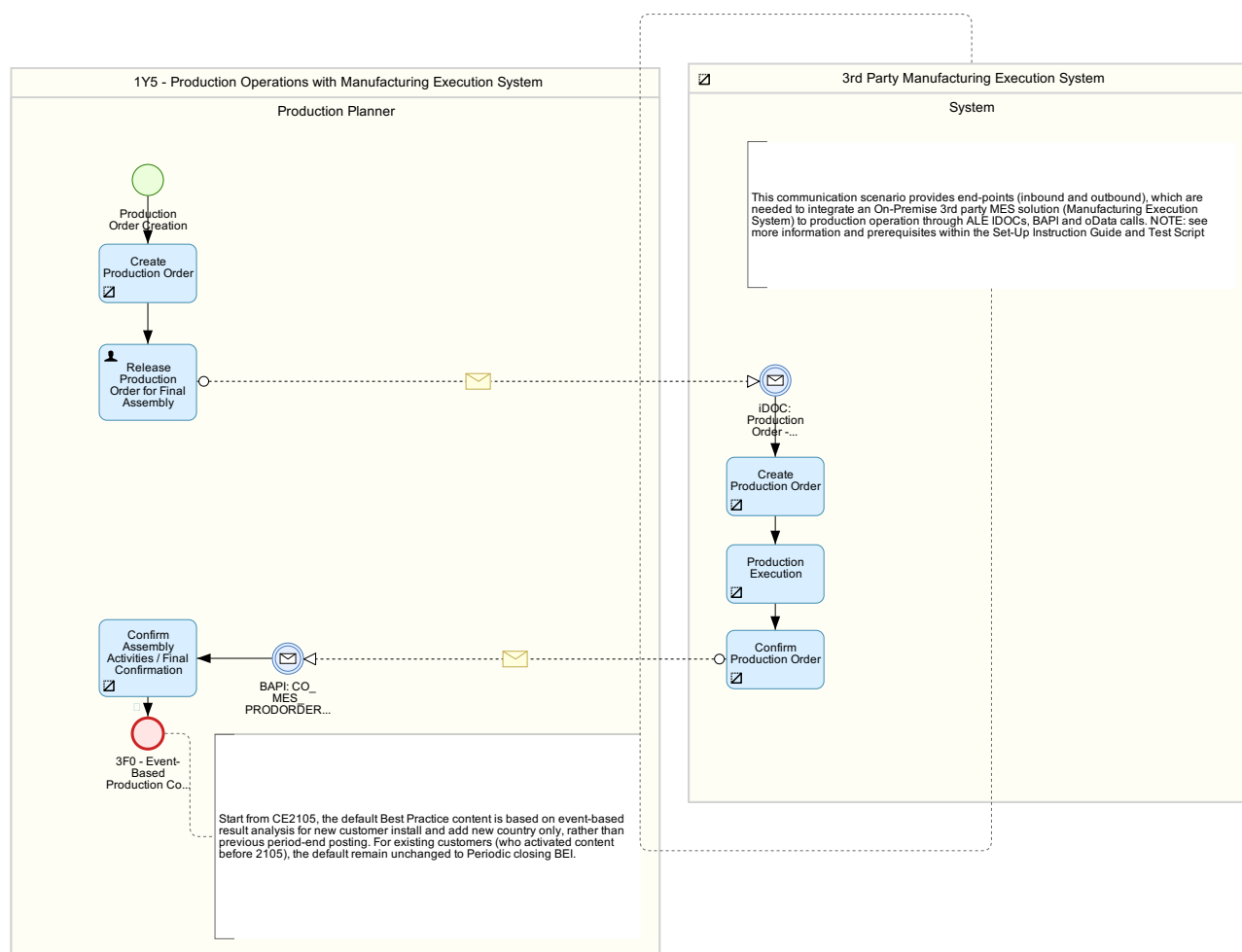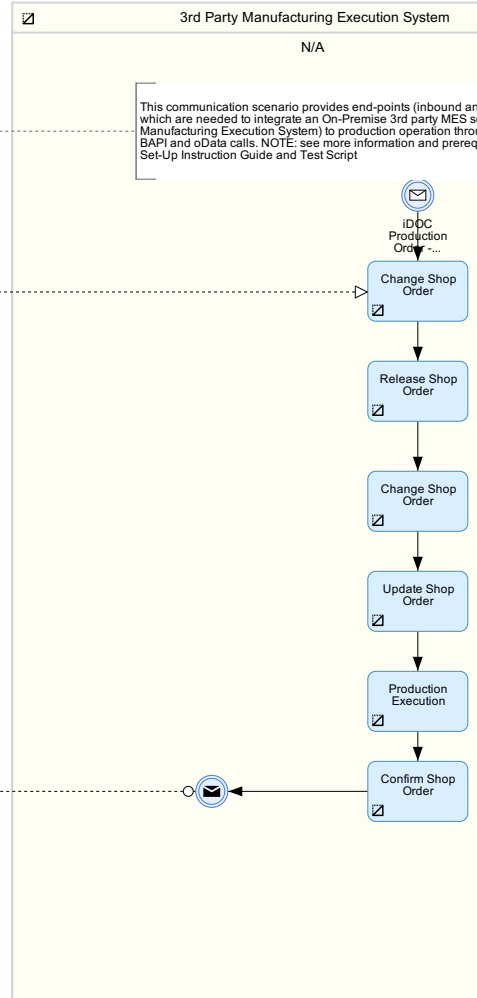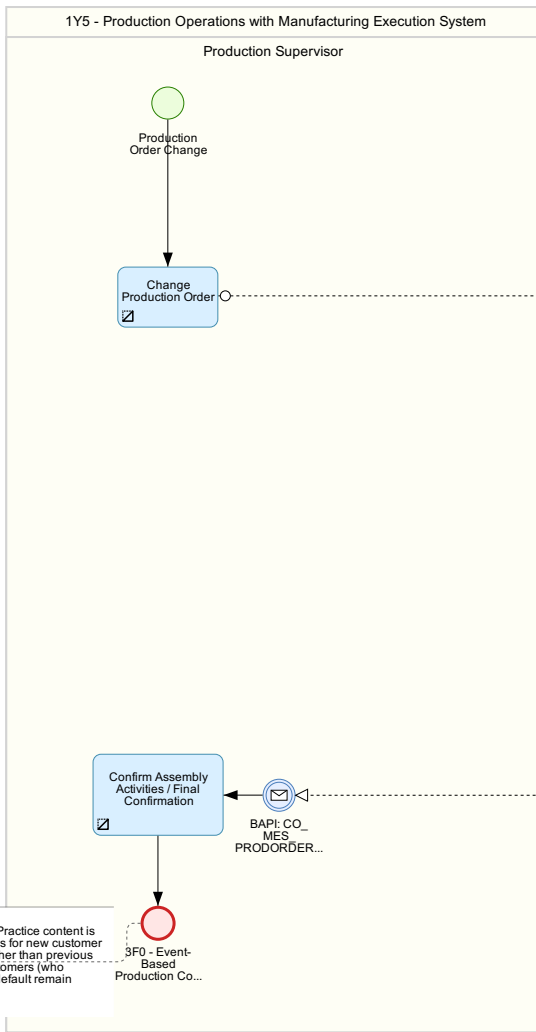# Production Operations with Manufacturing Execution System (1Y5)

This scope item supports the following processes:

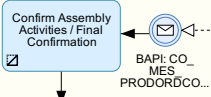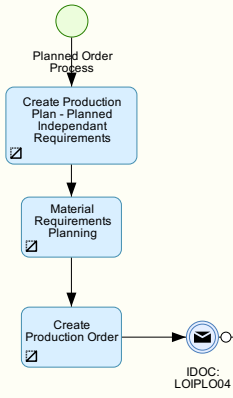**01 - Integration of Manufacturing Execution System to Production Operation**

02 - Integration of Manufacturing Execution System to Production Operation

1Y5 - Production Operations with Manufacturing Execution System

Production Supervisor

Production
Order Change

Change
Production Order

Confirm Assembly
Activities / Final
Confirmation

BAPI: CO_
MES
PRODORDER...

3F0 - Event-
Based
Production Co...

Start from CE2105, the default Best Practice content is
based on event-based result analysis for new customer
install and add new country only, rather than previous
period-end posting. For existing customers (who
activated content before 2105), the default remain
unchanged to Periodic closing BEI.

3rd Party Manufacturing Execution System

N/A

This communication scenario provides end-points (inbound an...
which are needed to integrate an On-Premise 3rd party MES s...
Manufacturing Execution System) to production operation thro...
BAPI and oData calls. NOTE: see more information and prereq...
Set-Up Instruction Guide and Test Script

iDOC
Production
Order -...

Change Shop
Order

Release Shop
Order

Change Shop
Order

Update Shop
Order

Production
Execution

Confirm Shop
Order

03 - Integration of Manufacturing Execution System to Production Operation

1Y5 - Production Operations with Manufacturing Execution System

Production Planner

Planned Order Process

Create Production Plan - Planned Independant Requirements

Material Requirements Planning

Create Production Order

IDOC: LOIPLO04

Confirm Assembly Activities / Final Confirmation

BAPI: CO_ MES PRODORDCO...

3F0 - Event-Based Production Co...

Start from CE2105, the default Best Practice content is based on event-based result analysis for new customer install and add new country only, rather than previous period-end posting. For existing customers (who activated content before 2105), the default remain unchanged to Periodic closing BEI.

3rd Party Manufacturing Execution System

N/A

This communication scenario provides end-points (inbound and outbound), which are needed to integrate an On-Premise 3rd party MES solution (Manufacturing Execution System) to production operation through ALE IDOCs, BAPI and oData calls.

Create Shop Floor Order

Production Execution

Confirm Shop Floor Order