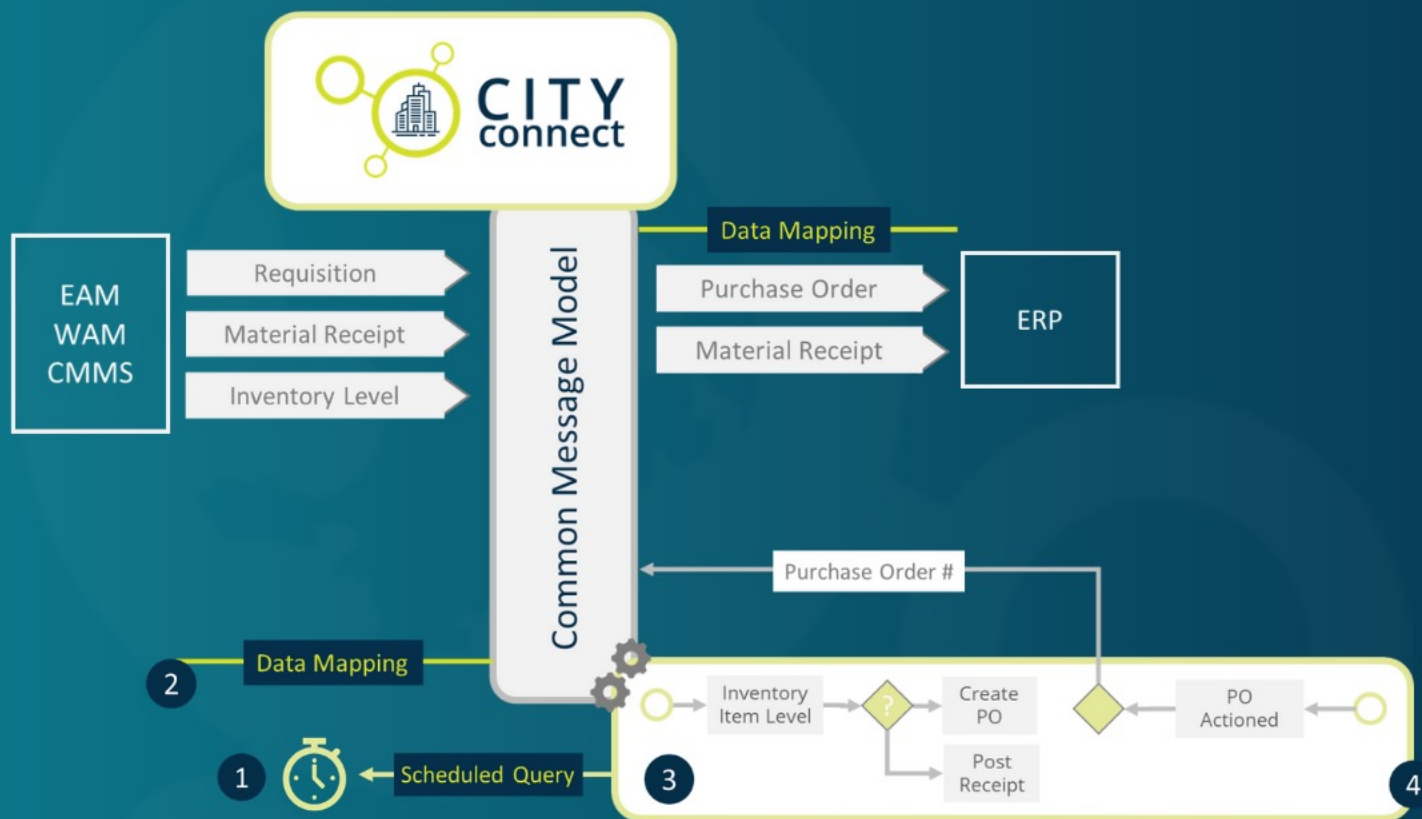# Material Purchase Automation

Generate purchase orders and log material receipts in your ERP for inventory order thresholds in your inventory management system.

CITY connect

EAM
WAM
CMMS

Requisition
Material Receipt
Inventory Level

Common Message Model

Data Mapping
Purchase Order
Material Receipt

ERP

Purchase Order #

Data Mapping

2

1 Scheduled Query

3 Inventory Item Level — ? — Create PO / Post Receipt — PO Actioned

4

1. The Automation performs a Scheduled Query to identify inventory items that have reached a low threshold or been replenished since the last request.

2. Purchase Orders and Material Receipts from your CMMS are mapped to the Common Message Model.

3. The message is processed to identify inventory item levels that have reached a threshold. If so, a new purchase order is created in the CMMS based on a purchase order template and in the resulting purchase order is reflected in the ERP. If the inventory item has been replenished, the material receipt is retrieved and posted to the ERP.

4. When the Purchase Order is actioned in the ERP, a purchase order number is generated and this updates the purchase order in your CMMS.