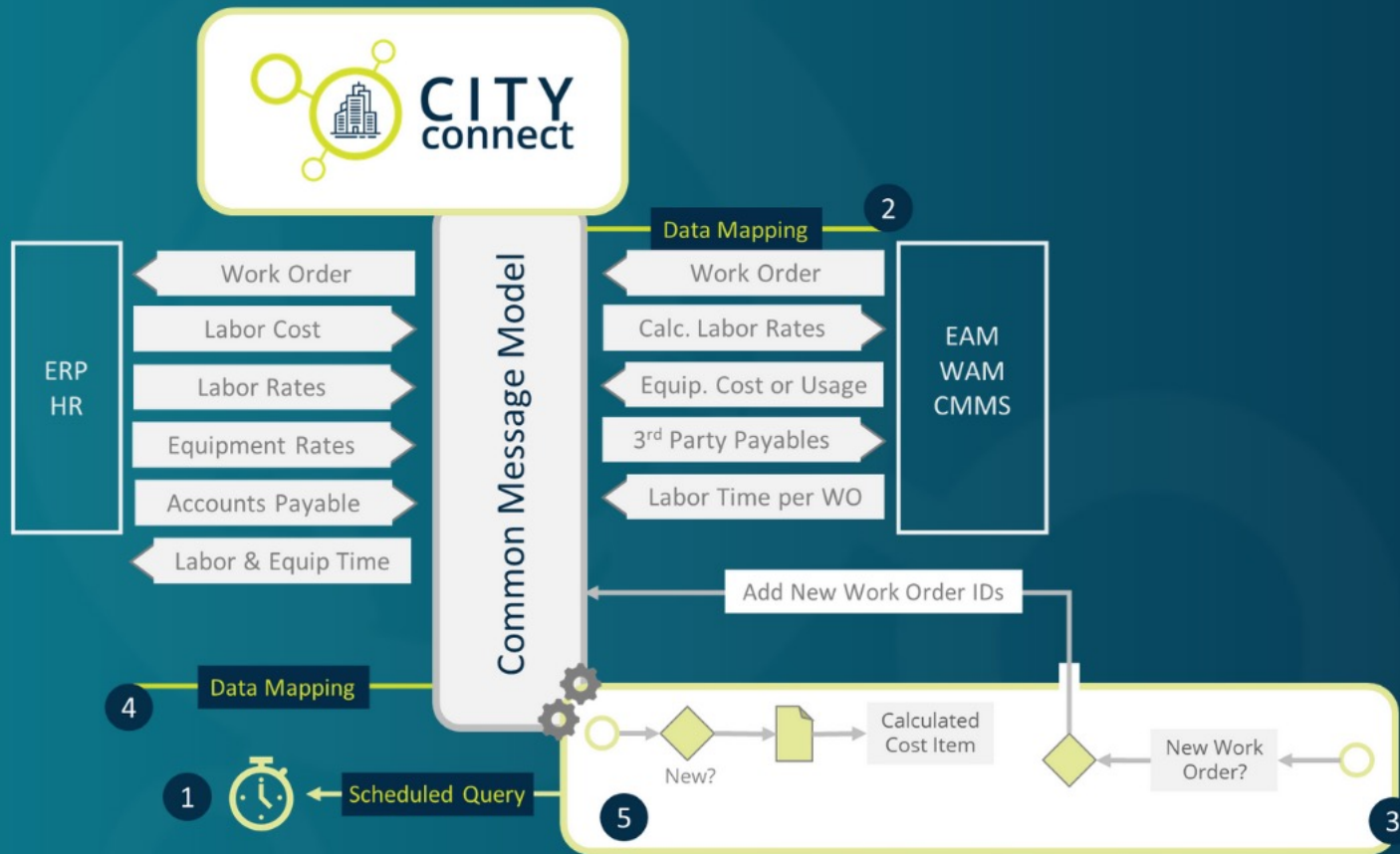# Work Order Cost Automation

Aggregate equipment usage and labour costs to work orders and projects in your ERP. Reflect 3rd party costs for equipment, material, and labour to your work management system.

CITY connect

ERP HR

Work Order
Labor Cost
Labor Rates
Equipment Rates
Accounts Payable
Labor & Equip Time

Common Message Model

Data Mapping
Work Order
Calc. Labor Rates
Equip. Cost or Usage
3rd Party Payables
Labor Time per WO

EAM WAM CMMS

Add New Work Order IDs

Data Mapping

Scheduled Query

New?

Calculated Cost Item

New Work Order?

1. The Automation performs a Scheduled Query against the work order data object in your work and asset management systems (A) and (B).

2. Work Orders and associated notes and attachments are mapped to the Common Message Model.

3. Each message is tagged as "New" or "Updated". New work orders are created in your work and asset management System (B), and the work order in System (A) is updated with a work order ID. If a work order ID already exists in System (A), then it is queried and mapped fields are updated in System (B).

4. Any changes to status, comments, or attachments on the work order is updated through the Common Message Model.

5. Some customers also need their work orders synchronized in both directions, so work orders created in System (B) are reflected in System (A).