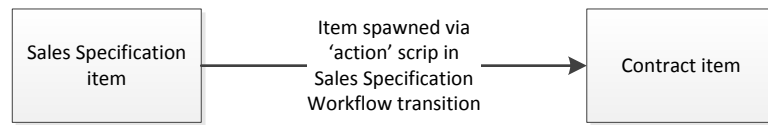## Sales Specification Management in PLM 360

A 'Sales Specification' is an item type that is used within Suretank Ltd. To capture customer requirements and communicate them to Engineering. We have a requirement to revision control these items.

When a Sales Specification reaches a certain state in its lifecycle (e.g. Released) I have a requirement that a linked item in a different workspace ('Contracts') is spawned. Spawning an item from workflow managed workspace is easy enough as you can add an action script to a workflow transition as shown below;

```
┌─────────────────┐   Item spawned via    ┌─────────────────┐
│                 │   'action' scrip in   │                 │
│ Sales Specification │ ───────────────────▶ │  Contract item  │
│      item       │  Sales Specification  │                 │
│                 │  Workflow transition  │                 │
└─────────────────┘                       └─────────────────┘
```

However, I have requirement for Sales Specifications to be revision controlled meaning that there is no workflow in the item itself. Instead the workflow is managed on a related Change Order workspace item. So my question is: how do I replicate the above spawning action for affected items of a CO when they reach the 'managed state' of the CO (i.e. the phase of the CO workflow that changes the state on the affected Sales Specification item from 'Unreleased' to 'Realeased')?

```
                    ┌─────────────────┐
                    │ Change Order item │
                    └─────────────────┘
                             │
              CO reaches 'managed' state
                             │
                             ▼
        ┌ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┐
        │ ┌─────────────────┐ │
        │ │ Sales Specification │    How are these      ┌─────────────────┐
        │ │     item 1      │ │ ─── Spawned automatically? ──▶ │ Contract item 1 │
        │ └─────────────────┘ │                         └─────────────────┘
        │ ┌─────────────────┐ │
        │ │ Sales Specification │    How are these      ┌─────────────────┐
        │ │     item 2      │ │ ─── Spawned automatically? ──▶ │ Contract item 2 │
        │ └─────────────────┘ │                         └─────────────────┘
        │ ┌─────────────────┐ │
        │ │ Sales Specification │    How are these      ┌─────────────────┐
        │ │     item 3      │ │ ─── Spawned automatically? ──▶ │ Contract item 3 │
        │ └─────────────────┘ │                         └─────────────────┘
        └ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┘
             Affected items
```