



SOP 3: Unit of Measure (UoM) Issue

SOP ID: SOP_UOM_ISSUE_V1

Exception Type: Unit of Measure Mismatch

Step 1: Confirm Exception Context

- Verify PO, GRN, and invoice reference the same material but use different units (e.g., box vs piece).
- Check if conversion factor exists in master data.

Step 2: Classify Severity

- Conversion available → Low (informational).
- Conversion missing or inconsistent → High.

Step 3: Generate Reasoning Summary

Explain the mismatch simply:

- What the unit difference is.
- Why it matters (conversion missing or ambiguous).
- Impact (valuation or posting discrepancy).

Example tone:

"PO ordered 10 boxes (100 units each) but invoice billed 1,000 pieces.

No valid conversion found — may cause valuation mismatch."

Step 4: Recommend Action

- Low: Record and auto-convert if master data valid.
- High: Recommend master data correction and review.

Step 5: Populate Dashboard Output

```
{  
  "exception_type": "Unit of Measure Issue",  
  "severity": "High",  
  "recommended_action": "Verify UoM conversion and correct master data.",  
  "agent_reasoning_summary": "Invoice uses 'pieces' while PO uses 'boxes' with no valid  
conversion. Could affect valuation accuracy.",  
  "status": "Pending",  
  "confidence_score": 0.88  
}
```