

THE "LIMBO" PROBLEM & PEPPASYNC ENTERPRISE SOLUTION

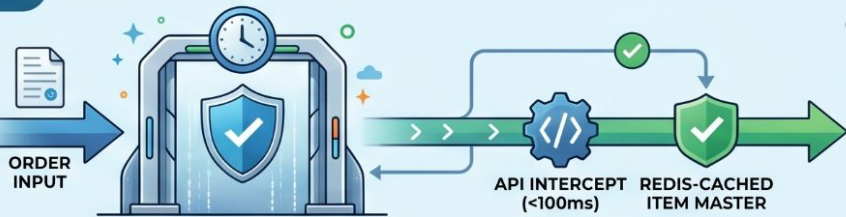
THE "LIMBO" PROBLEM



Unbuildable orders enter the ERP immediately, causing "phantom" production entries.

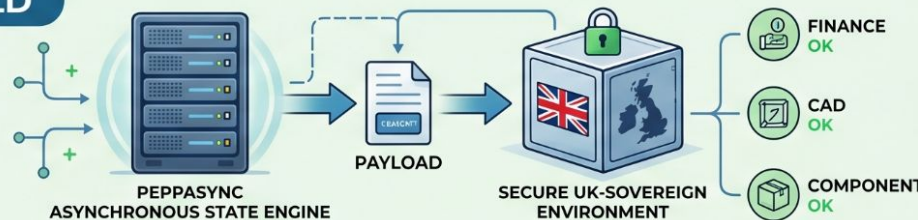
1. CATCH

PEPPASYNC ENTERPRISE SOLUTION



DETERMINISTIC GUARDRAIL: A sub-100ms API intercepts orders, validating them against a Redis-cached Item Master.

2. HOLD



ASYNCHRONOUS STATE ENGINE: Payloads are "parked" in a secure UK-sovereign environment until all build constraints are met.

3. RELEASE



DEEP-LEVEL INJECTION: Native AL extensions inject 100% buildable orders directly into Dynamics 365, NetSuite, or Sage.



Staff manually track finance, CAD, and component availability in spreadsheets.



Manual data entry errors lead to 15% material waste and rework.