COREXA

PRODUCT WORKFLOW STUDY

From reactive van shortages to technician-specific replenishment planning

A mobile-inventory workflow showing how Corexa can use van stock, job demand, movements and minimum levels to prepare technicians without inflating global stock.

Evidence level stated clearly throughout

Repository-reviewed
Capability basis

Van replenishment
Primary workflow

Connected record
Operating model

Pilot required
Outcome standard

THE CHALLENGE

Why the existing process breaks down

Technician vans need enough common stock to complete work, but every van cannot carry every part. Replenishment often relies on memory or a technician noticing a shortage after the next job has already been booked.

01

Van stock is treated as warehouse stock

Transfers can accidentally increase global quantity instead of moving ownership between locations.

02

Minimum levels are generic

Different technicians, territories and machine fleets consume different parts.

03

Demand is not connected

Upcoming jobs and awaiting-parts work do not influence replenishment priorities.

04

Returns are not reconciled

Unused or removed parts remain in the van record after physical movement.

05

Duplicate van locations appear

Technician identity and inventory location are not consistently linked.

06

Shortages are discovered on site

The technician cannot complete the repair despite stock existing elsewhere in the business.

The central risk Poor van replenishment increases return visits while inaccurate transfer logic damages trust in the entire inventory ledger.

THE OPERATING MODEL

A connected workflow around the machine

Corexa can treat each van as technician inventory, forecast near-term demand, propose transfers from central stock and record every move without creating artificial quantity.

1

Review position

Compare physical and recorded van stock for the assigned technician.

2

Assess demand

Consider upcoming jobs, part requests and normal consumption.

3

Create replenishment

Select quantities to transfer from warehouse or another approved source.

4

Confirm movement

Record dispatch and receipt between inventory locations.

5

Monitor use

Deduct job parts and refine technician-specific minimum levels.

COREXA CAPABILITY	OPERATIONAL CHANGE	WHY IT MATTERS
Technician inventory	Maintains van quantities separately from central stock.	Ownership and availability reflect the actual location.
Transfer workflow	Moves quantity between source and destination.	Replenishment does not increase total stock.
Upcoming-job demand	Links parts required for active work.	Priority stock can be staged before attendance.
Low-stock alerts	Surfaces items below agreed levels.	Routine replenishment becomes visible work.
Movement history	Records who moved what, when and why.	Discrepancies can be investigated.
Technician-specific planning	Allows different stocking profiles by role or fleet.	Van space is used for likely demand rather than generic lists.

CREDIBILITY STANDARD

What is supported - and what is not yet claimed

A credible case study distinguishes repository evidence, real workflow scope and future outcome hypotheses. The evidence level below is deliberately explicit.

✓ Repository capability

The repository includes technician_inventory, van stock, inventory locations, transfers, low-stock alerts, upcoming-job parts and movement history.

✓ Connected operating model

The workflow is designed to keep van replenishment connected to the relevant machine, customer, site, job and responsible user.

✓ Credible limitation

Demand planning requires reliable historical usage and upcoming job data; suggested levels should be reviewed rather than treated as automatic truth.

✓ Pilot requirement

A defined cohort should be measured from baseline through controlled use before any productivity, cost, revenue or satisfaction outcome is published.

Not yet claimed: this case study does not present a measured productivity, revenue, accuracy or customer-satisfaction improvement. A controlled baseline and participant-approved result are required before those claims are published.

Measurement plan for the publishable version

MEASURE	EVIDENCE SOURCE	CREDIBLE REPORTING
Van stock accuracy	Physical van audit	Recorded versus counted quantity by technician.
Stockout-on-job rate	Completion and part-request records	Jobs delayed because required stock was unavailable in the assigned van.
Transfer integrity	Movement ledger	Transfers where source reduction equals destination increase.
Replenishment lead time	Alert and receipt timestamps	Time from identified need to confirmed van receipt.
Emergency cross-van transfer	Movement categories	Unplanned transfers between technicians.
Unused-stock ageing	Van inventory history	Value and age of low-use items carried in vans.

> *"A well-stocked van is not the van with the most parts; it is the van prepared for the work its technician is likely to perform."*

MAKE THE STORY TANGIBLE

Show one replenishment decision without changing total stock

Present the technician van position, upcoming demand, proposed warehouse transfer, confirmed receipt and later job consumption. Include before-and-after quantities at both locations.

Connected workflow Representative view

Review position
Compare physical and recorded van stock for the assigned technician.

Assess demand
Consider upcoming jobs, part requests and normal consumption.

Create replenishment
Select quantities to transfer from warehouse or another approved source.

Confirm movement
Record dispatch and receipt between inventory locations.

1. Technician van inventory and low-stock items
2. Upcoming jobs and linked part demand
3. Warehouse-to-van transfer confirmation
4. Job use and updated van quantity

Recommended evidence-building sequence

Phase 1 - Baseline
Select a representative sample and record the current process, delays, errors and missing evidence.

Phase 2 - Controlled workflow
Apply one agreed Corexa process, ownership rule and completion standard for 8-12 weeks.

Phase 3 - Verified result
Report system-derived measures, dated screenshots and a participant-approved quotation.

Build the publishable proof layer
Replace representative views with dated interface screenshots, a defined baseline, system-derived measures and an approved participant quotation.

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Publication note: capability descriptions are based on the Corexa repository supplied in July 2026. Confirm the deployed workflow, permissions, integrations and data quality before presenting a capability as a completed customer outcome.