



COREXA

ILLUSTRATIVE USE CASE

Connecting van stock, service parts and purchasing to the job

An operational use case showing how Corexa can connect the part on the shelf, the technician's van, the service job, the machine history and the invoice.

● Evidence level stated clearly throughout

Warehouse

Central stock

Technician

Van inventory

Job

Parts consumed

Pilot required

Accuracy measured



THE CHALLENGE

Why the existing process breaks down

Service inventory moves constantly. A part may be in central stock, in a technician's van, reserved for a job, installed on a machine, returned, ordered or received. If stock, service and invoicing are separate, the business can complete the repair while losing the inventory and margin record.

01

Available stock cannot be trusted

Recorded quantity may not identify whether the part is in the warehouse, in a van or already committed.

02

Transfers create false stock

A poor movement process can increase both locations instead of moving the same units between them.

03

Installed parts are missed

The technician fits the component, but it does not reach the stock movement or invoice.

04

Purchasing is disconnected from demand

A purchase order may not identify the jobs and machines waiting for the item.

05

Catalogue data is inconsistent

Names, part numbers, buy prices and sell prices can vary between records.

06

Stocktake becomes a reconciliation exercise

The team spends time explaining differences instead of confirming a trusted operating record.

The inventory integrity problem

When the service record, stock record and invoice record describe different versions of the same part movement, the business loses confidence, time and margin.

THE OPERATING MODEL

A connected workflow around the machine

Corexa keeps the asset, service event, people, parts and next commercial action in one traceable workflow. The objective is not simply to digitise forms; it is to stop operational context from breaking between steps.



Identify

Connect the required component to the machine and job.



Locate

Check central or technician inventory.



Move

Transfer stock without creating an artificial increase.



Consume

Record the installed part against the job and machine.



Replenish

Purchase, receive and progress waiting jobs.

COREXA CAPABILITY	OPERATIONAL CHANGE	WHY IT MATTERS
Separate location inventories	Distinguishes central stock from technician/ van stock.	The team can answer where the available unit is located.
Controlled stock movements	Records transfers, receipts and job consumption.	Quantity changes have an operational explanation.
Job-part linkage	Connects installed and required components directly to service work.	The job, machine history and invoice can reference the same part.
Purchase-order workflow	Links supplier ordering and receiving to service demand.	Waiting jobs remain visible while the required part moves through purchasing.
Buy/sell pricing	Supports cost, sell price and margin review.	The business can identify missing prices and protect service-parts margin.
Stocktake and movement history	Provides a structured basis for reconciliation.	Differences can be investigated against movements rather than guesswork.

CREDIBILITY STANDARD

What is supported - and what is not yet claimed

A credible case study distinguishes observed facts, product capability and future hypotheses. The evidence level below is deliberately explicit.

Product capability

Corexa contains inventory locations, technician inventory, stock movements, parts, jobs, purchasing and receiving workflows.

Operational relevance

The use case reflects real service-inventory risks: van stock, installed parts, incomplete purchase orders and invoice omissions.

Evidence boundary

No stock-accuracy or margin improvement is claimed without a measured stocktake baseline.

Pilot readiness

A pilot can be limited to one warehouse, two vans and a selected group of high-use parts.

Not yet claimed: This document does not claim a verified stock-accuracy percentage, recovered margin or reduction in purchasing spend. Those figures need a physical baseline and controlled movement period.

Measurement plan for the publishable version

MEASURE	EVIDENCE SOURCE	CREDIBLE REPORTING
Stock accuracy	Blind physical count compared with system quantity	Accuracy by line and by inventory value.
Installed-part capture	Technician job records compared with invoice lines	Percentage of installed parts recorded and charged.
Transfer integrity	Source and destination movement audit	Percentage of transfers with equal and opposite quantity movement.
Job delay due to parts	Job status history and required-part records	Median waiting time and number of jobs delayed.
Parts gross margin	Buy price, sell price and invoiced quantities	Margin by part category and reporting period.

“The inventory record should explain where a part came from, where it went and which machine received it.”

Use-case statement. Replace with an approved inventory or service manager quote after a pilot.

MAKE THE STORY TANGIBLE

Show the workflow, then verify the outcome

Visual credibility comes from real screens with precise captions, not decorative screenshots. Each image should identify the user, the workflow stage and the evidence it proves.



Parts-to-job view

Representative view

Verified

Central stock

**Location-aware**

Van quantity

**Machine-linked**

Job parts

**Buy vs sell**

Margin



Use a real stock item, movement history and job-parts screenshot in the final evidence version.

Recommended evidence-building sequence

Baseline count

Choose 30-50 frequently used parts and complete a blind physical count across one warehouse and two vans.

Controlled movement

Require all receipts, transfers and job consumption to use the agreed Corexa workflow for 6-8 weeks.

Recount and report

Repeat the blind count, reconcile differences and publish only verified accuracy and margin findings.

Prove inventory integrity with a narrow pilot

One warehouse, two vans and a selected high-use parts list can produce more credible evidence than a broad, unmeasured inventory claim.

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Publication note: Images in this draft are illustrative assets from the Corexa repository. Replace representative interface panels and figures with approved live screenshots and verified data before presenting the document as a completed external customer result.