

PRODUCT WORKFLOW STUDY

From unidentified equipment to a verified, barcode-linked asset record

An asset intake workflow showing how Corexa can standardise machine identification, ownership, location, photographs, condition and movement history from the first scan.

Evidence level stated clearly throughout

Repository-reviewed

Capability basis

Asset intake

Primary workflow

Barcode-linked

Identity control

Pilot required

Outcome standard



THE CHALLENGE

Why the existing process breaks down

Equipment often enters a business through purchases, transfers, customer onboarding, workshop drop-offs or inherited spreadsheets. When identification is incomplete, the same machine can be represented differently by service, inventory and finance teams. The weakness begins at intake and follows the asset throughout its life.

01

Identity is inconsistent

Brand, model, serial number and internal naming may be entered differently by each person or imported from incomplete source data.

02

Location is assumed

An asset can be recorded as owned without a reliable current site, warehouse, customer or workshop location.

03

Condition is not captured

Photographs and arrival condition may be missing, making later damage, warranty or transfer questions difficult to resolve.

04

Duplicate records appear

A new record may be created because staff cannot confidently find the existing machine or inventory asset.

05

Labels do not match records

A physical sticker or handwritten number can exist without a dependable link to the digital asset.

06

History starts too late

Movement, service and responsibility are tracked only after the first problem rather than from the day of intake.

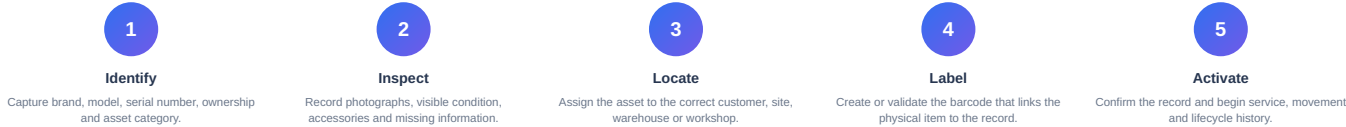
The central risk

Every downstream workflow becomes less reliable when the physical machine and its digital record cannot be proven to be the same asset.

THE OPERATING MODEL

A connected workflow around the machine

Corexa can create a controlled intake record, validate essential identity and location fields, attach evidence, assign a barcode and establish the first event in the asset timeline.



COREXA CAPABILITY	OPERATIONAL CHANGE	WHY IT MATTERS
Structured asset intake	Uses a defined intake flow rather than an unrestricted free-text asset entry.	Important identity, ownership and condition fields can be reviewed consistently.
Barcode validation	Creates, checks or assigns a machine-readable identifier.	Staff can reopen the correct record from the physical asset.
Photographic evidence	Connects intake images to the equipment record.	Arrival condition and identifying details are preserved.
Location assignment	Associates the asset with a site, warehouse, customer or operational location.	The business can distinguish ownership from current custody.
Duplicate prevention	Encourages search and validation before activating a new record.	The same physical machine is less likely to develop competing histories.
Timeline foundation	Creates the initial event for later movements, service and state changes.	The asset lifecycle begins before the first repair.

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 supplied repository contains corporate inventory intake, product intake, barcode scanning, asset history, movement and timeline components.

✓ Connected model

Asset identity, photographs, locations, barcodes and movements appear as related concepts rather than isolated notes.

✓ Credible limitation

The presence of an intake interface does not prove that legacy records are clean or that all barcode hardware behaves identically.

✓ Pilot requirement

A controlled onboarding cohort should be physically verified and audited after intake to test identity, completeness and duplicate prevention.

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
Complete identity rate	Asset-field audit	Percentage with confirmed brand, model, serial number and owner.
Barcode success rate	Scan event logs	Percentage of labels that open the intended asset on first scan.
Duplicate creation rate	Duplicate review	Potential duplicate records per 100 assets onboarded.
Location accuracy	Physical spot check	Percentage found at the recorded operational location.
Intake handling time	Timed intake sample	Median minutes from physical receipt to activated record.
Evidence completeness	Attachment audit	Percentage with required photos and condition notes.

"The quality of an asset-management system is determined at the moment a physical machine first becomes a trusted digital record."

MAKE THE STORY TANGIBLE

Prove the link between the physical label and the digital asset

Use one real machine through the entire sequence: intake photograph, identity fields, barcode label, location assignment and resulting timeline entry. This is stronger than showing unrelated interface screens.



Connected workflow

Representative view

Identify

Serial + model

Inspect

Photos + condition

Label

Barcode assigned

Activate

Timeline started

1. Asset intake form with verified machine details

2. Photo and condition confirmation before activation

3. Printed or scanned barcode opening the record

4. Asset timeline showing the first intake event

Recommended evidence-building sequence

Phase 1 - Sample audit

Select a small physical asset group and document current identity and location errors.

Phase 2 - Controlled intake

Onboard or re-verify the group using one required field and barcode standard.

Phase 3 - Verified result

Repeat the physical audit and publish completeness, duplicate and scan-success measures.

Build the publishable proof layer

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

corexa.com.au
sales@corexa.com.au

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.