



NOVA ROBOTICS - FICTIONAL REFERENCE CASE

ECO-1042 | Main Compute PCBA Rev B to Rev C

Apex-2000 autonomous material handler | Decision date: August 4, 2026 | Proposed effectivity: September 29, 2026

GROSS AFFECTED VALUE

\$125,720

All affected operational value

OPEN COMMITMENTS

\$83,200

Four PO schedule lines

DECISION EXPOSURE

\$74,000

Known after validated offsets

DECISION RECOMMENDATION

Approve the phased cutover for September 29. Preserve 50 Rev B PCBAs for documented field-service demand, convert the open harness commitment, cancel the two eligible PCBA releases, and record the near-term PCBA release as an accepted loss.

READY FOR CHANGE CONTROL BOARD DECISION

Required evidence reviewed - supplier outcomes closed - no unresolved financial records

DECISION OWNER

Elena Suarez

SUPPLY CHAIN

James Whitfield

REPORTING CURRENCY

USD

SOURCE-TO-DECISION TRACE

What changed - and what was already committed

Affected operational value is shown separately from the narrower open-commitment exposure used for supplier resolution.

ENGINEERING CHANGE

Thermal redesign and regulator substitution

CURRENT

APX-8801B Main Compute PCBA Rev B



RELEASED CANDIDATE

APX-8801C Main Compute PCBA Rev C

DEPENDENT REVISION

Drive-interface pinout coordination

CURRENT

APX-4415-1 Drive Harness Rev 1



RELEASED CANDIDATE

APX-4415-2 Drive Harness Rev 2

AFFECTED VALUE BRIDGE

On-hand Rev B PCBAs	180 units x \$140	\$25,200
On-hand Rev 1 harnesses	220 units x \$22	\$4,840
Work in process	40 units x \$312 sunk cost	\$12,480
Open PCBA releases	500 units x \$140	\$70,000
Open harness commitment	600 units x \$22	\$13,200
Gross affected value		\$125,720

EVIDENCE SOURCES

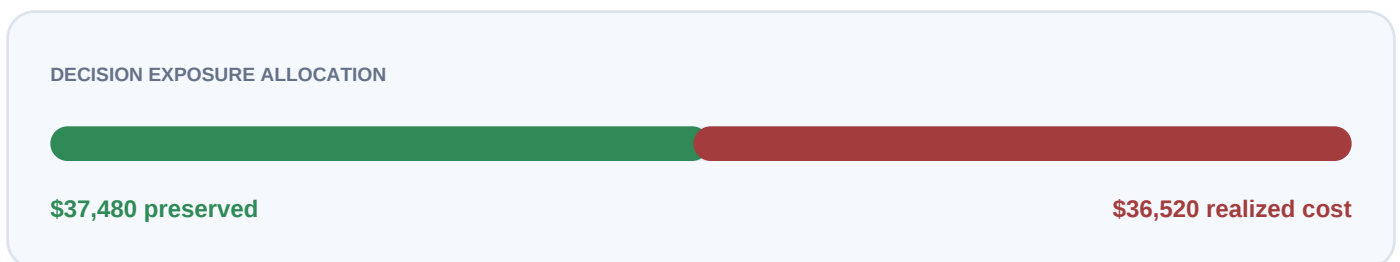
Released and proposed BOMs | open-PO schedule | inventory and WIP snapshot | executed supplier terms | written supplier confirmations

CLOSED DISPOSITION RECORD

\$74,000 traced to four accountable outcomes

Validated service demand removes \$9,200 from open commitments before supplier action. Every remaining dollar resolves below.

COMMITMENT	EXPOSED	REALIZED COST	PRESERVED	RESOLUTION
PCBA B3 90 units	\$12,600	\$1,260	\$11,340	CANCELLED AT 10%
PCBA B2 180 units	\$25,200	\$7,560	\$17,640	CANCELLED AT 30%
PCBA B1 180 units	\$25,200	\$25,200	\$0	ACCEPTED LOCKED LOSS
Harness PO 500 units	\$11,000	\$2,500	\$8,500	CONVERTED TO REV 2



CONTROL PRINCIPLE

The unavoidable loss remains visible. It is never netted away, relabeled as savings, or separated from its supporting supplier evidence.

DECISION INTEGRITY

What leadership can rely on - and what remains assumed

KNOWN EVIDENCE

- Released and candidate BOM revisions
- Open PO quantities, prices, and receipt dates
- Executed cancellation tiers
- Written supplier disposition responses
- Approved service-spares and installed-fleet demand

SCENARIO ASSUMPTIONS

- Weekly build rate remains 25 units
- September 29 effectivity is operationally achievable
- Rev C supply arrives on the modeled lead time
- WIP rework labor remains within the approved standard
- No additional quality hold is opened before cutover

APPROVAL CONDITIONS

- 01 Supply Chain confirms supplier cancellations and harness conversion remain valid through release.
- 02 Engineering releases APX-8801C and APX-4415-2 before the September 29 effectivity date.
- 03 Finance records the \$25,200 locked commitment as realized loss and preserves the audit trail.

REFERENCE-CASE LIMITATION

Nova Robotics, its people, suppliers, parts, purchase orders, and financial outcomes are fictional. This sample demonstrates DeltaLedger's evidence model and decision presentation; it is not a customer result or performance claim.