

Standardize 120-hour biologic protection.

Replace a bulky EPS-and-gel kit with one qualified PCM/VIP parcel system.

63%

Less packout time

50%

Fewer pallet slots

\$86.6K

Annual TCO savings

CURRENT PACKAGING PROBLEM

Bulky EPS kit

\$661.2K
PER YEAR

Slow packout

\$89.6K
PER YEAR

Thermal risk
allowance

\$105K
PER YEAR

OBJECTIVE

Qualify one repeatable 4L system
for 2–8°C lanes up to 120 hours.

RECOMMENDED PACKAGING

AI CONCEPT RENDER



RECOMMENDED SYSTEM

4L NESTED PCM/VIP SHIPPER + LOGGER

POSSIBLE SUPPLIER · P*** B**T*****

Condition matched panels, build the chamber,
load the vial pack and close to the approved
instruction.

WHY THIS IS THE RIGHT FIT

- Nested PCM/VIP supports 120-hour parcel profiles.
- Locating edges make packout repeatable.
- A reusable shipper replaces bulky EPS kits.

HOW IT PACKS — FIVE STEPS

AI PROCESS STORYBOARD



1 Condition

2 Stage shipper

3 Build chamber

4 Load vials

5 Close + tender

ILLUSTRATIVE ANNUAL TOTAL COST

12,000 BIOLOGIC PARCELS / YEAR

CURRENT
\$855.8K

PROPOSED
\$769.2K

SAVINGS
\$86.6K

PAYBACK
18.0 MO

TCO CALCULATION TCO = shipper + labor + storage + freight + risk; annual savings = \$86.6K.

NEXT STEPS

1 Request lane data.

2 Run seasonal pilot.

3 Confirm return-flow cost.

TURN YOUR CURRENT PACK INTO A VALIDATED SYSTEM.

START YOUR PACKAGING REVIEW