

GLOBAL SUPPLY CHAIN OPERATIONS

Inventory Integrity and Serial Number Traceability

Keeping physical stock, ERP records and serial number allocations in agreement across imported and locally manufactured products.

SERVICE LINE

Global Supply Chain
Operations

RANGE

700+ active line items

STOCK STREAMS

5 separately controlled
streams

RECORDS

ERP, serial register,
production dashboard

What this proves. No serial range was issued and no stock was booked until independent records agreed. This prevented duplicate serial allocation and kept every unit traceable from purchase order to customer order.

OUTCOMES

What the control delivered

Zero

Serial number errors throughout the role.

100%

ERP stock accuracy against the warehouse at handover. Built from no alignment at the start of the role, and held at 85 to 100% over the years in between.

700+

Active line items managed consistently across imported, locally manufactured and custom stock.

"She is thorough, doesn't make mistakes, and is extremely reliable."

DIRECTOR, CLIENT ORGANISATION

THE CONTROL PROBLEM

Why serialised stock needs more than a stock count

Every serial number had to be unique. Stock arrived through five streams: imported custom, imported standard, locally finished custom, locally manufactured standard, and imported semi-finished stock finished locally. Each stream had its own serial register. A duplicated range cannot easily be recalled once it reaches a customer, so the control had to operate before allocation, not after.

THE CONTROL FRAMEWORK

What had to agree, and when

CONTROL POINT	RULE APPLIED
New serial range	Three independent records checked before confirming the next number. If any disagreed, work stopped until it was resolved.
Recording timing	The register was updated at the moment of allocation, never in a later batch, removing the delay window in which duplication occurs.
Stream separation	Each of the five streams was allocated from its own register, so ranges could not cross between product types.
Imported receipt	Four-point match before booking, with physical serial ranges checked against the supplier-confirmed ranges.
Manufactured receipt	Booking only from a completed job card, with a fresh serial file and labels for every batch.
Stock adjustments	Every inventory journal management-authorised, with a traceable reason and a correct unit cost.
Master data	Stock codes and two-tier bills of materials, so manufacturing consumed components automatically.

EXHIBIT 04 | ILLUSTRATIVE OUTPUT, INVENTED DATA

Serial range allocation gate

No new serial range is issued until three independent records agree.

ILLUSTRATIVE · INVENTED DATA



Serial numbers invented and prefix masked. Register structure, stream rules and allocation steps are part of the SL Global method and are not shown.

About this case summary. Work performed by Sheena Sawyer, Founder and Principal Consultant of SL Global, in an operating role held from 2019 to 2026 with a South African industrial manufacturer and importer. The organisation and its confidential information are not disclosed. Scope figures come from source records, outcomes are as confirmed by the founder, and quotations are from written correspondence, attributed by role. Exhibits are illustrative and use invented data unless stated.