DynaTech | Systems

Accelerate Business

DynaTech | Systems

What Sets Us Apart

DynaTech's Competitive Advantage

Backed by years of expertise and a team of skilled professionals, DynaTech Systems stands at the forefront of the IT services industry. Our extensive portfolio includes cutting-edge solutions in cloud, ERP and CRM implementation, data analytics, artificial intelligence, and more.

We prioritize long-term partnerships built on collaboration and trust, delivering innovative, scalable, and secure solutions to keep our clients ahead in a rapidly evolving landscape.

AICPA Service Organization Control Reports
AICPA SOC 2
Formerly SAS 70 Reports

Microsoft Solutions Partner

Great Place To Work. Certified FEB 2025-FEB 2026 INDIA

DUN & BRADSTREET D-U-N-S® REGISTERED™

ISO 9001:2015

CMMI level 3

150+
Global Projects

100+
Happy Clients

450+
Expert Minds

AI – Led Microsoft Cloud Capabilities

Microsoft Cloud & Low Code

- Azure Infra
- Azure Services
- Logic Apps
- Service Bus
- Event Grid
- API Management
- Synapse Analytics
- Load Testing
- Functions
- Data Factory
- Power Pages
- Power Automate
- Power Apps
- AI Builder
- Azure FHIR

Agentic AI Business Applications

- Sales
- Finance
- SCM
- Project Operations
- Customer Service
- Field Service
- Customer Insights & Marketing
- Human Resources
- Commerce

Data & AI

- Fabric
- Copilot
- Power BI
- Data Warehouse
- OneLake
- Data Lake
- Data Factory
- Data Science
- Lakehouse
- Real-Time Intelligence
- Data Engineering
- Dataverse
- Microsoft Purview
- Databases
- Azure AI Foundry
- Copilot Studio

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Metals Accelerator Solution for D365 F&SCM

The Steel Accelerator is a tailor-made solution integrated with Microsoft D365 F&SCM, designed to enhance operational efficiency, enabling businesses to streamline processes, increase accuracy, and accelerate decision-making.

Advanced Product & Inventory Management 01

Configure and classify products efficiently using Item Type Master, Density Master, Configuration Designer, and Formula Designer.

Smart Procurement Enhancements 02

Streamline vendor management with enhanced purchase orders, serial number entry, and claim reimbursements.

Serial Tracking & Inventory Automation 03

Enable accurate tracking with serial number management, automated transfers, financial dimension tagging, & batch-wise inventory visibility.

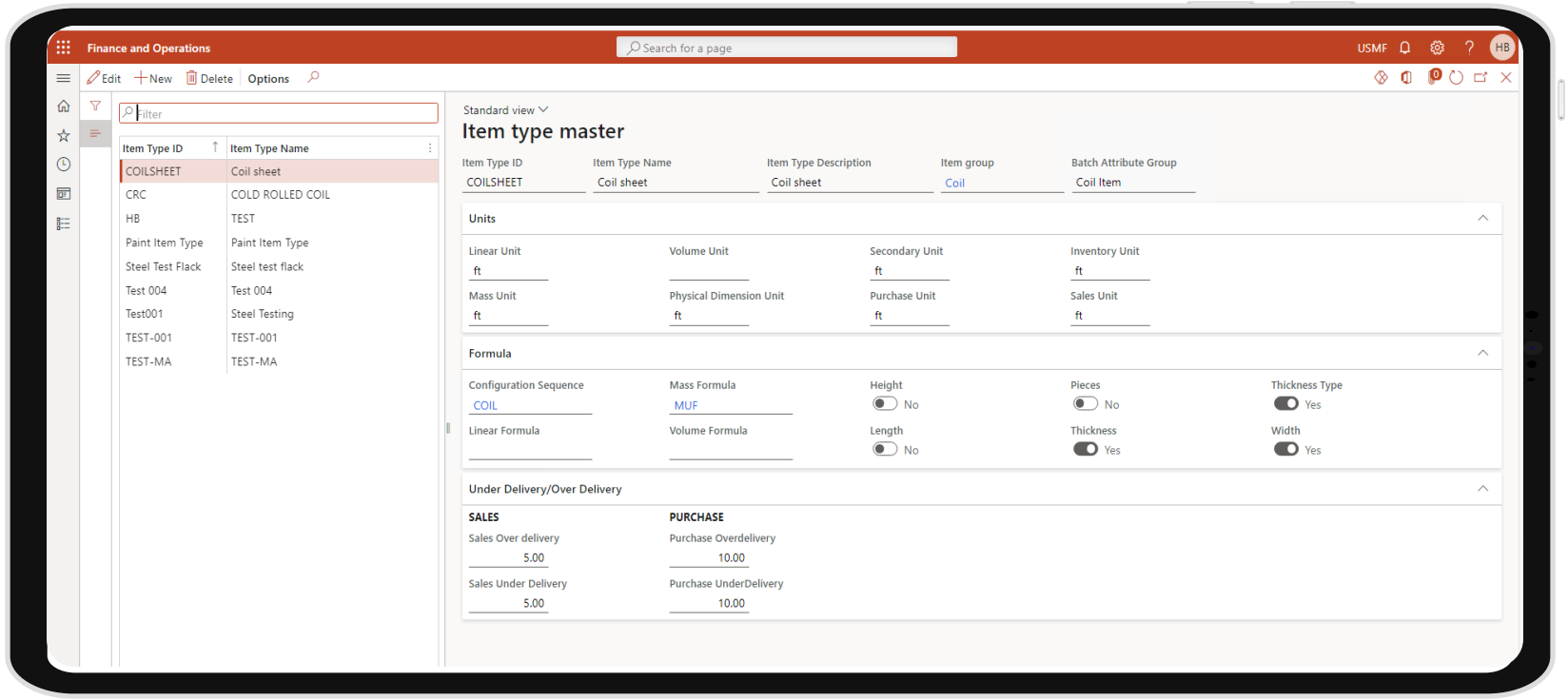
Seamless Order Processing 04

Boost accuracy with serial tracking across sales, transfers, journals, and BOM movements.

Real-Time Reporting & Insights 05

Access actionable data through detailed inventory, sales, delivery, and serial number history reports.

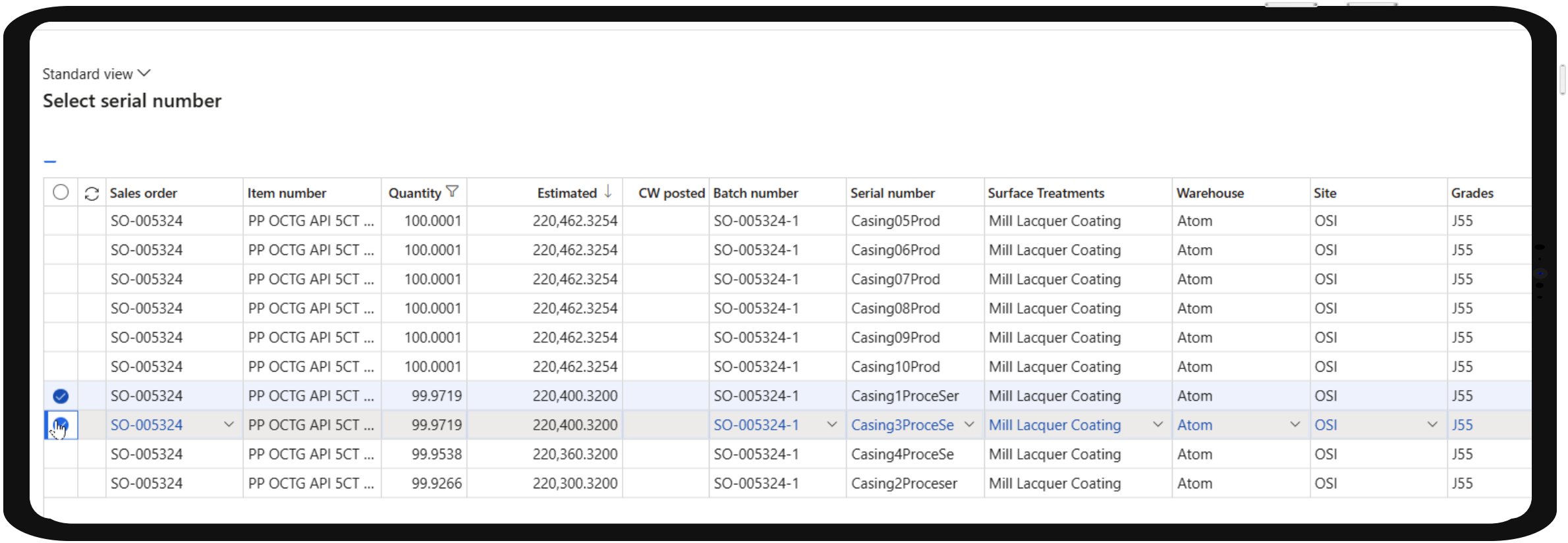
- DynaTech's Product Master enables precise classification with formula-based weight calculations and automated product variant creation.
- It manages item configurations thickness, width, height through an intuitive configuration designer.
- Product Attributes support both product-level and variant-level batch tracking.
- This streamlines inventory setup, improves accuracy and enhances data handling



› Enhanced sales and purchase order lines with additional fields, dimensions, and attribute tracking.

› Link sales to purchase orders across ownership and loading locations for process alignment.

› Toggle screens hide metal-specific fields for non-metal items to maintain clean workflows.

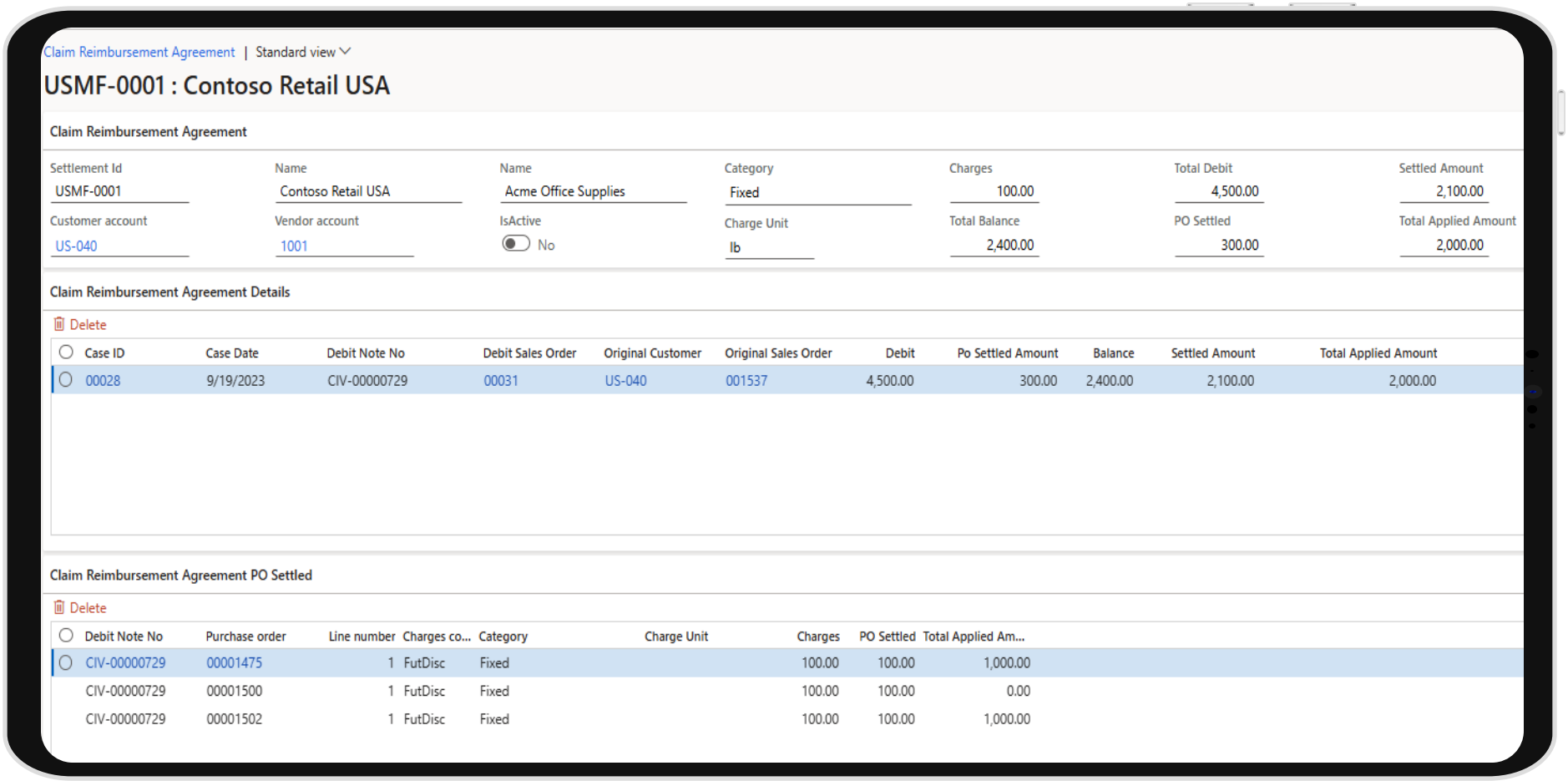


Standard view

Select serial number

Sales order	Item number	Quantity	Estimated	CW posted	Batch number	Serial number	Surface Treatments	Warehouse	Site	Grades
SO-005324	PP OCTG API 5CT ...	100.0001	220,462.3254		SO-005324-1	Casing05Prod	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	100.0001	220,462.3254		SO-005324-1	Casing06Prod	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	100.0001	220,462.3254		SO-005324-1	Casing07Prod	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	100.0001	220,462.3254		SO-005324-1	Casing08Prod	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	100.0001	220,462.3254		SO-005324-1	Casing09Prod	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	100.0001	220,462.3254		SO-005324-1	Casing10Prod	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	99.9719	220,400.3200		SO-005324-1	Casing1ProceSer	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	99.9719	220,400.3200		SO-005324-1	Casing3ProceSe	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	99.9538	220,360.3200		SO-005324-1	Casing4ProceSe	Mill Lacquer Coating	Atom	OSI	J55
SO-005324	PP OCTG API 5CT ...	99.9266	220,300.3200		SO-005324-1	Casing2Proceser	Mill Lacquer Coating	Atom	OSI	J55

- Manage inventory returns and rejections for serial-tracked items directly back to vendors.
- Apply vendor/customer-specific discounts and handle claim reimbursements tied to returned serial numbers.
- The feature supports financial accuracy, improves vendor coordination, and streamlines return cycles.
- Returns are now a trackable and auditable part of the inventory process.

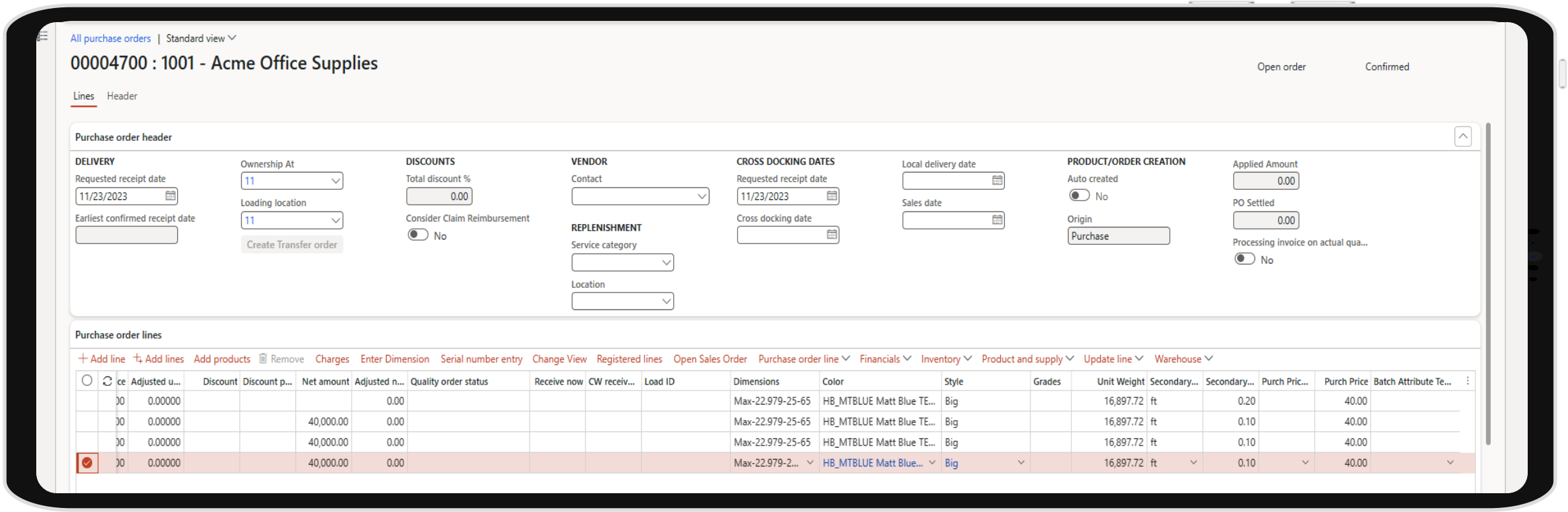


› Calculates secondary weights (tons, meters, etc.) for steel items based on physical dimensions.

› Powered by the configuration designer, it supports dual unit tracking (e.g., weight + length).

› Helps in accurate inventory valuation, order fulfilment, and reporting.

› Enables effective planning and stock management across varying measurement units.

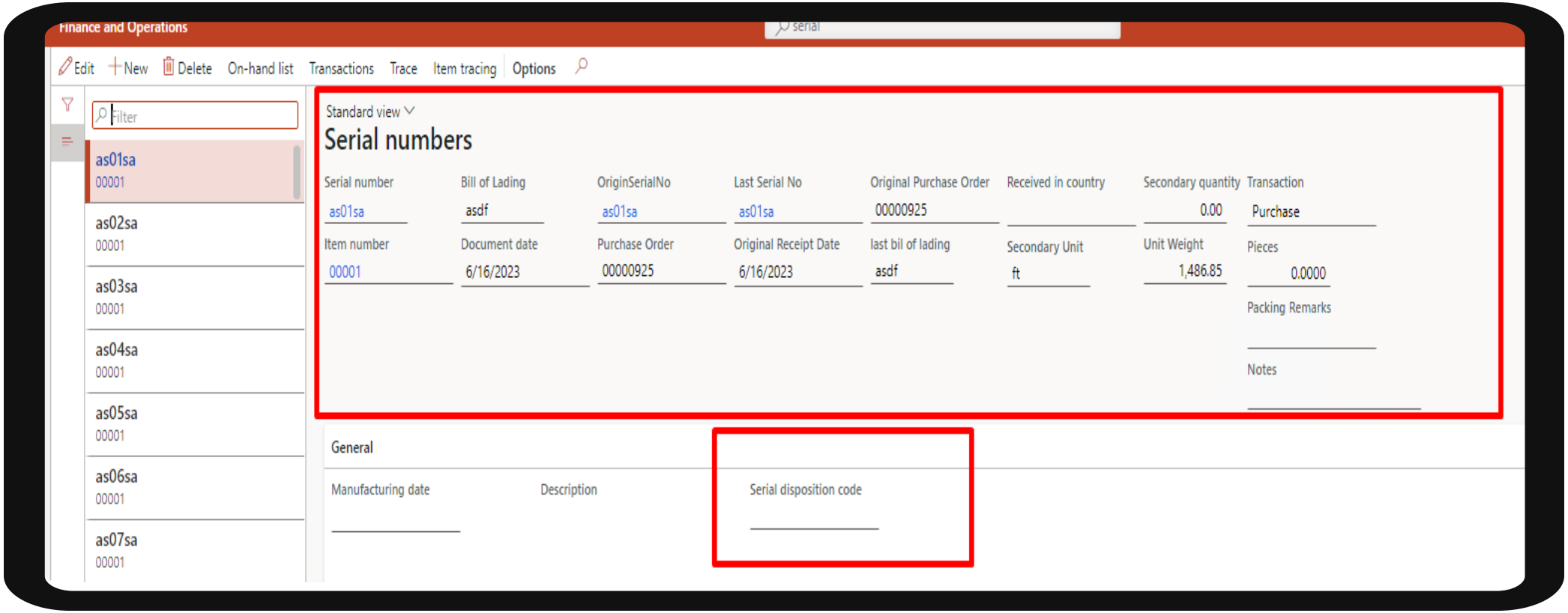


› Manages bulk purchases and sales, receiving and picking serial numbers

› Allows direct selection and transfer of bulk serial numbers between warehouses via transfer orders.

› Includes functionality to convert old serial numbers into new ones with quantity mapping.

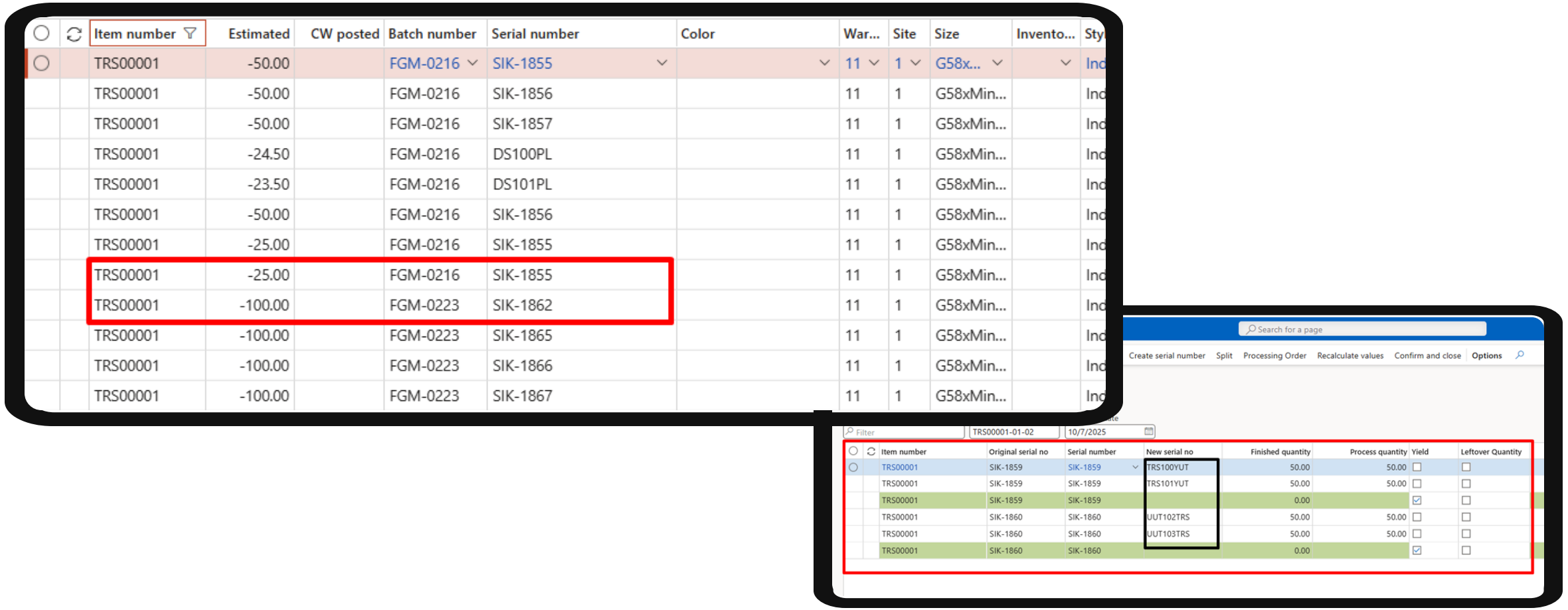
› Ensures end-to-end traceability and reduces manual processing effort.



› Enables users to process a serial number through various operations such as cutting, bending, slitting, or painting.

› Helps in accurately tracking and managing each operation performed on the specific serial number.

› Allows users to reuse or scrap the remaining salvage material from the serial number or coil after processing.



Item number	Estimated	CW posted	Batch number	Serial number	Color	War...	Site	Size	Invento...	Sty
TRS00001	-50.00		FGM-0216	SIK-1855		11	1	G58x...		Ind
TRS00001	-50.00		FGM-0216	SIK-1856		11	1	G58xMin...		Ind
TRS00001	-50.00		FGM-0216	SIK-1857		11	1	G58xMin...		Ind
TRS00001	-24.50		FGM-0216	DS100PL		11	1	G58xMin...		Ind
TRS00001	-23.50		FGM-0216	DS101PL		11	1	G58xMin...		Ind
TRS00001	-50.00		FGM-0216	SIK-1856		11	1	G58xMin...		Ind
TRS00001	-25.00		FGM-0216	SIK-1855		11	1	G58xMin...		Ind
TRS00001	-25.00		FGM-0216	SIK-1855		11	1	G58xMin...		Ind
TRS00001	-100.00		FGM-0223	SIK-1862		11	1	G58xMin...		Ind
TRS00001	-100.00		FGM-0223	SIK-1865		11	1	G58xMin...		Ind
TRS00001	-100.00		FGM-0223	SIK-1866		11	1	G58xMin...		Ind
TRS00001	-100.00		FGM-0223	SIK-1867		11	1	G58xMin...		Ind

Search for a page

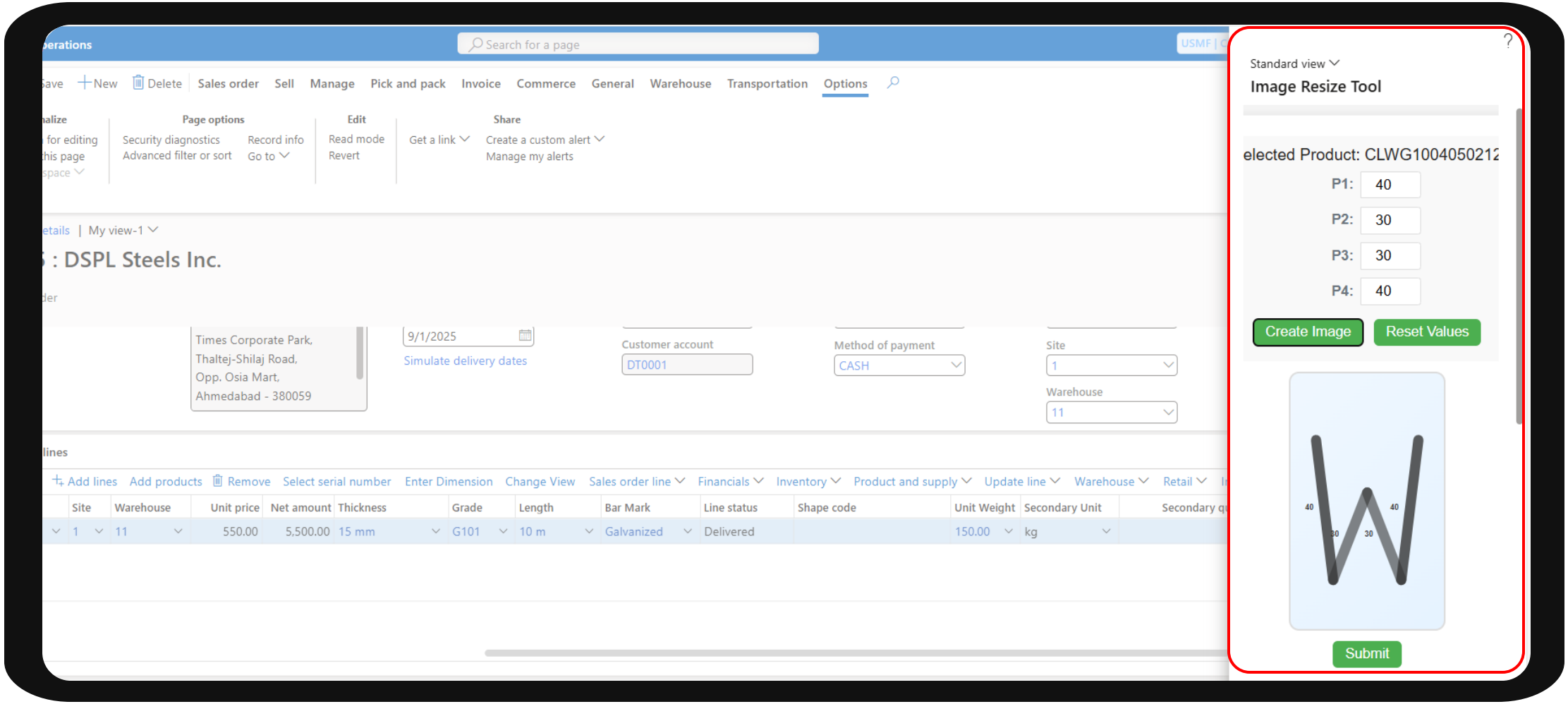
Create serial number | Split | Processing Order | Recalculate values | Confirm and close | Options

Filter | TRS00001-01-02 | 10/7/2025

Item number	Original serial no	Serial number	New serial no	Finished quantity	Process quantity	Yield	Leftover Quantity
TRS00001	SIK-1859	SIK-1859	TRS100YUT	50.00	50.00	☐	☐
TRS00001	SIK-1859	SIK-1859	TRS101YUT	50.00	50.00	☐	☐
TRS00001	SIK-1859	SIK-1859		0.00		☑	☐
TRS00001	SIK-1860	SIK-1860	UUT102TRS	50.00	50.00	☐	☐
TRS00001	SIK-1860	SIK-1860	UUT103TRS	50.00	50.00	☐	☐
TRS00001	SIK-1860	SIK-1860		0.00		☑	☐

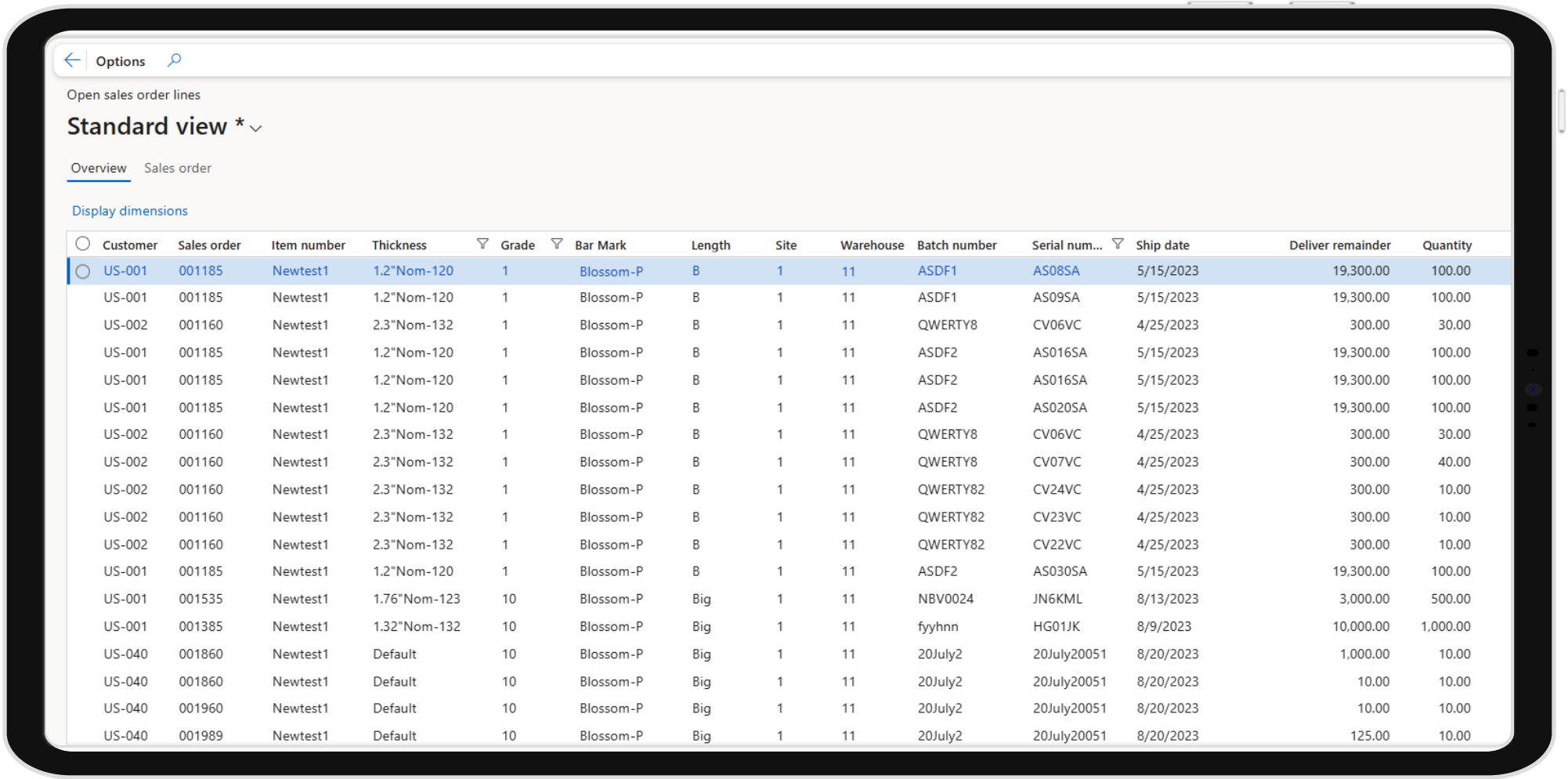
› Allows users to view the structure of the final or processed product as per the requirement.

› The image resizing tool enables users to acknowledge and verify the actual size of the final product.



› Offers detailed metal inventory and sales reports with serial-level tracking and dimensions and delivery.

› Users can hold defective/quarantined serial numbers with disposition codes or block them from use.



Options

Open sales order lines

Standard view *

Overview | Sales order

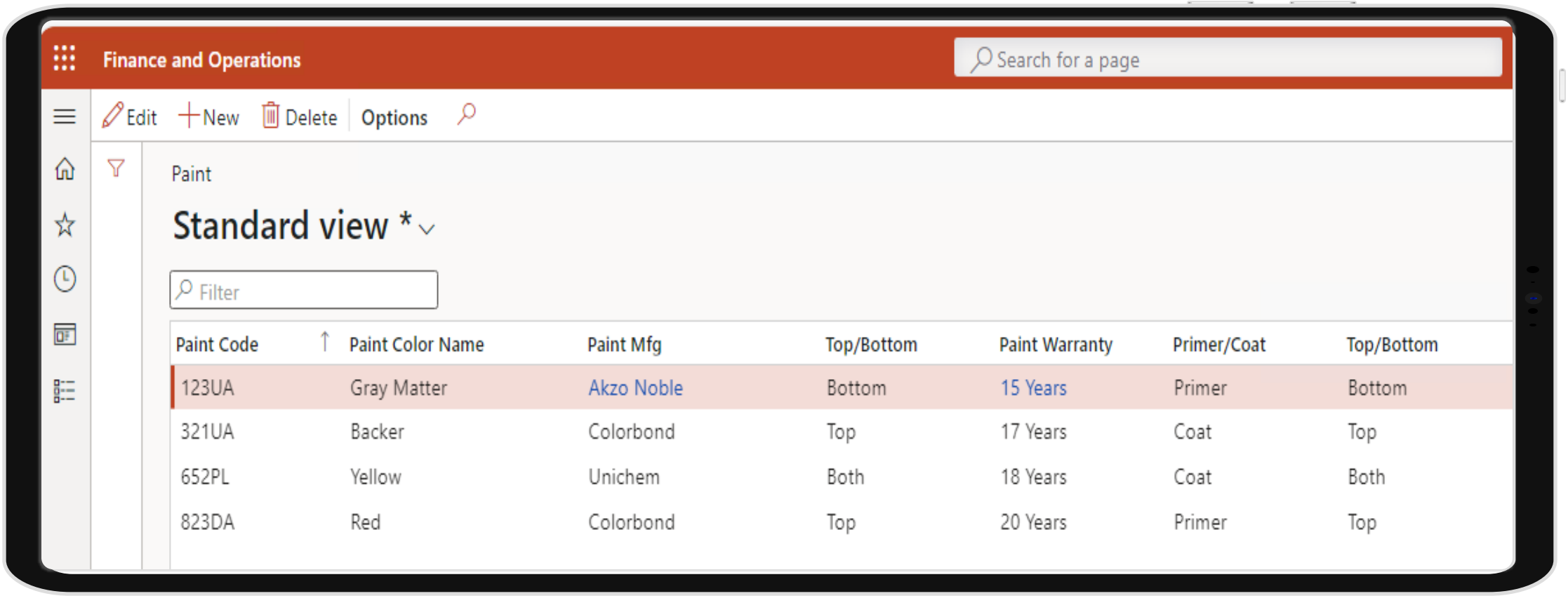
Display dimensions

Customer	Sales order	Item number	Thickness	Grade	Bar Mark	Length	Site	Warehouse	Batch number	Serial num...	Ship date	Deliver remainder	Quantity
US-001	001185	Newtest1	1.2"Nom-120	1	Blossom-P	B	1	11	ASDF1	AS08SA	5/15/2023	19,300.00	100.00
US-001	001185	Newtest1	1.2"Nom-120	1	Blossom-P	B	1	11	ASDF1	AS09SA	5/15/2023	19,300.00	100.00
US-002	001160	Newtest1	2.3"Nom-132	1	Blossom-P	B	1	11	QWERTY8	CV06VC	4/25/2023	300.00	30.00
US-001	001185	Newtest1	1.2"Nom-120	1	Blossom-P	B	1	11	ASDF2	AS016SA	5/15/2023	19,300.00	100.00
US-001	001185	Newtest1	1.2"Nom-120	1	Blossom-P	B	1	11	ASDF2	AS016SA	5/15/2023	19,300.00	100.00
US-001	001185	Newtest1	1.2"Nom-120	1	Blossom-P	B	1	11	ASDF2	AS020SA	5/15/2023	19,300.00	100.00
US-002	001160	Newtest1	2.3"Nom-132	1	Blossom-P	B	1	11	QWERTY8	CV06VC	4/25/2023	300.00	30.00
US-002	001160	Newtest1	2.3"Nom-132	1	Blossom-P	B	1	11	QWERTY8	CV07VC	4/25/2023	300.00	40.00
US-002	001160	Newtest1	2.3"Nom-132	1	Blossom-P	B	1	11	QWERTY82	CV24VC	4/25/2023	300.00	10.00
US-002	001160	Newtest1	2.3"Nom-132	1	Blossom-P	B	1	11	QWERTY82	CV23VC	4/25/2023	300.00	10.00
US-002	001160	Newtest1	2.3"Nom-132	1	Blossom-P	B	1	11	QWERTY82	CV22VC	4/25/2023	300.00	10.00
US-001	001185	Newtest1	1.2"Nom-120	1	Blossom-P	B	1	11	ASDF2	AS030SA	5/15/2023	19,300.00	100.00
US-001	001535	Newtest1	1.76"Nom-123	10	Blossom-P	Big	1	11	NBV0024	JN6KML	8/13/2023	3,000.00	500.00
US-001	001385	Newtest1	1.32"Nom-132	10	Blossom-P	Big	1	11	fyyhnn	HG01JK	8/9/2023	10,000.00	1,000.00
US-040	001860	Newtest1	Default	10	Blossom-P	Big	1	11	20July2	20July20051	8/20/2023	1,000.00	10.00
US-040	001860	Newtest1	Default	10	Blossom-P	Big	1	11	20July2	20July20051	8/20/2023	10.00	10.00
US-040	001960	Newtest1	Default	10	Blossom-P	Big	1	11	20July2	20July20051	8/20/2023	10.00	10.00
US-040	001989	Newtest1	Default	10	Blossom-P	Big	1	11	20July2	20July20051	8/20/2023	125.00	10.00

› Eliminates reliance on batch attributes and enables better tracking of painted items.

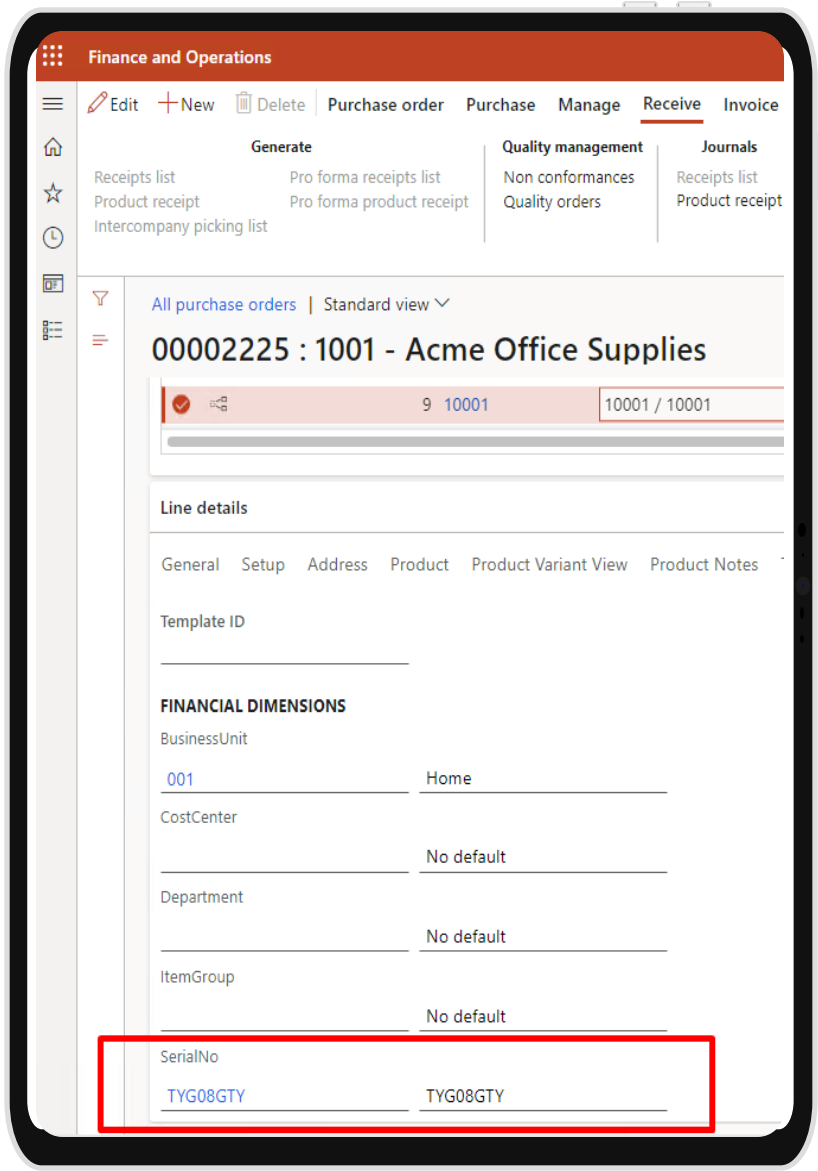
› Integrates seamlessly with D365's dimension-based framework for greater flexibility.

› Improves variant control, inventory reporting, and operational accuracy for colored products.

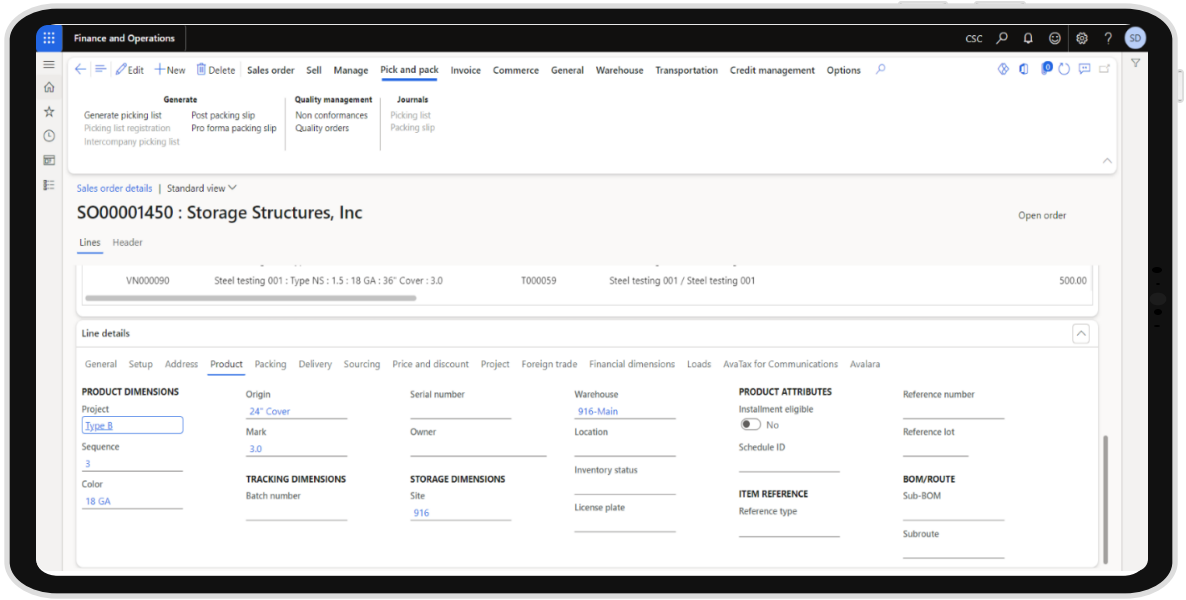


Paint Code	Paint Color Name	Paint Mfg	Top/Bottom	Paint Warranty	Primer/Coat	Top/Bottom
123UA	Gray Matter	Akzo Noble	Bottom	15 Years	Primer	Bottom
321UA	Backer	Colorbond	Top	17 Years	Coat	Top
652PL	Yellow	Unichem	Both	18 Years	Coat	Both
823DA	Red	Colorbond	Top	20 Years	Primer	Top

- Tracks costs per batch or serial number, including purchase, logistics, production, and sales.
- Offers yield reporting and gross margin analysis per lot, improving profitability assessment.
- Centralizes cost data for clear insights across the value chain.
- Enables informed decision-making on pricing, sourcing, and operational optimization.



- Enabled end-to-end project lifecycle management by integrating Dynamics 365 CE with F&O, starting from Master Opportunity to Project Order creation.
- Automated creation of Project IDs with Time & Material project type, along with Estimated and SOV Sales Orders linked to respective IDs.
- Implemented Sales Order sequencing using a Sequence Calculator in CE, ensuring seamless tracking and variant generation tied to the project.
- Synced WBS between CE and F&O using Dual Write, with custom fields for production confirmation, customer shipping, and sequencing.
- Enhanced WBS Matrix with auto-updated production stages and audit logging via the Generate Sequence feature.
- Developed revenue recognition and billing logic based on sales order shipments for accurate financial reporting.
- Initiated integration of Desgo 3 and Desgo 4 costing tools with F&O to support real-time cost visibility and operational efficiency.



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Want to know more?

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