25

Extending Manufacturing

Building out your system

What are we going to cover?

- What's new in Business Central
- nHanced functionality
- ISV solutions

What's new in BC for Manufacturing?

Quite a lot

- Reschedule production orders within a safety lead time
- Cancel production orders that have consumption
- Experience improved usability in manufacturing
- Enable overpicking for production orders
- Achieve greater accuracy in manufacturing costing
- Omit warehouse pick for manual flushing methods
- Block items or variants from production output
- Handle production output with warehouse put-aways
- Reopen finished production orders
- Use streamlined product design tools in manufacturing
- Print barcodes from production orders
- Manage document attachments in manufacturing
- Use Edit in Excel on output, consumption, and item journals
- Use enhanced analytics for manufacturing

Updated Manufacturing PowerBI Dashboard

Released Production Orders

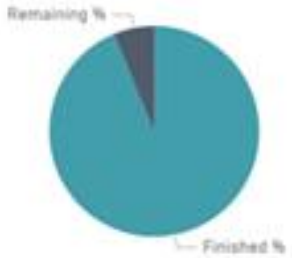
Company Name: CRONUS USA, Inc. - Last Refreshed: 03/04/2025 05:14 AM

Total Actual Cost
3.24K

Expected Cost	Total Standard Cost
5.01K	5.61K
-35%	-42%

No. of Production Orders by Source No.

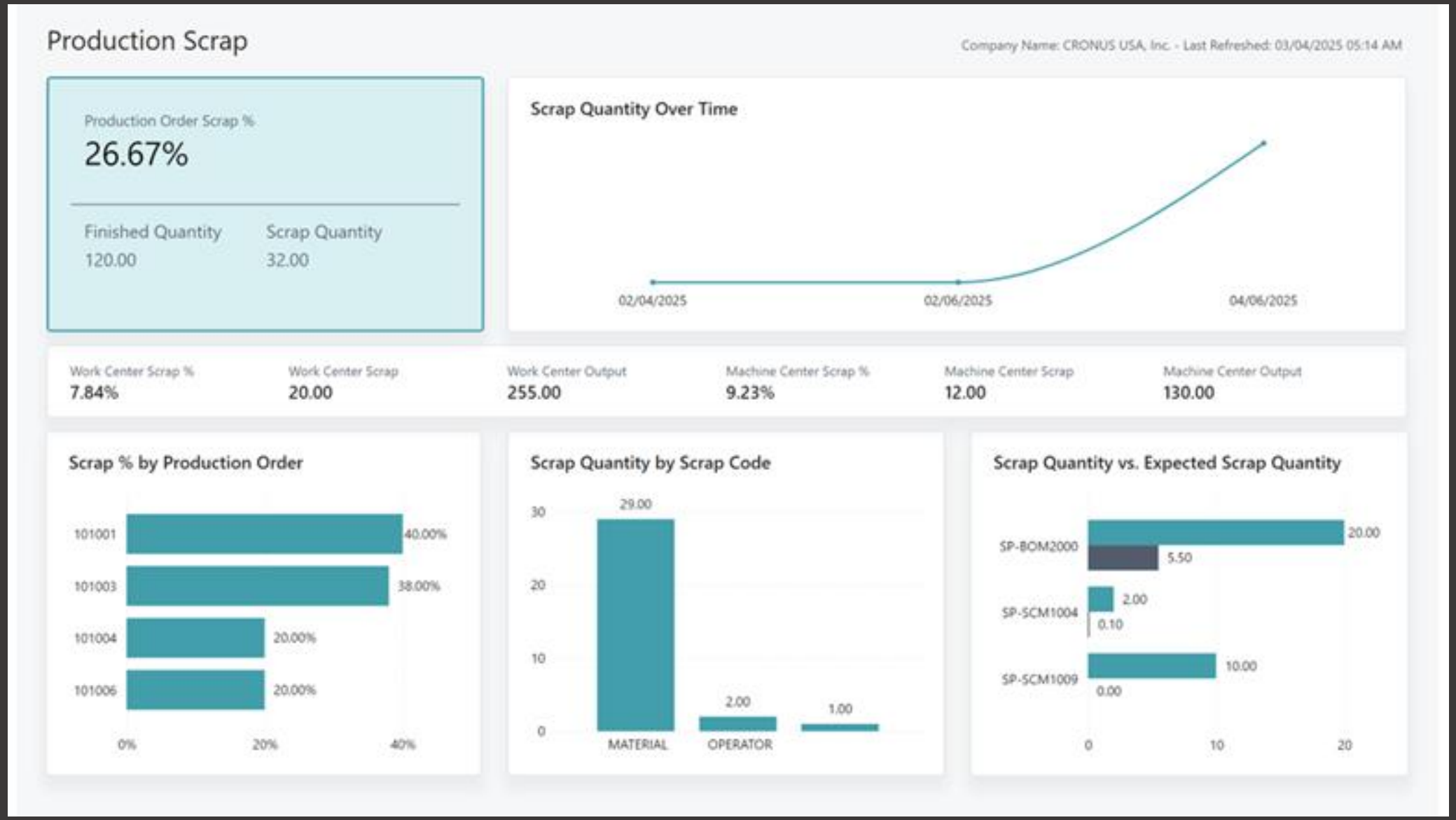
Completion Ratios by Source No.



Released Production Order Details

Production Order	Description	Source No.	Routing No.	Starting Date	Ending Date	Due Date	Planned Quantity	Finished Quantity	Variance Quantity	Remaining %	Finished %
Released 101004	Airpot	SP-SCM1009	SP-SCM1009-SERIAL	26/03/2025	08/04/2025	09/04/2025	50.00	50.00	0.00		100.00%
Released 101002	AutoDripLite	SP-SCM1006		06/04/2025	06/04/2025	07/04/2025	10.00	10.00	0.00		100.00%
Released 101003	Reservoir Assembly	SP-BOM2000	SP-BOM2000	31/03/2025	07/04/2025	08/04/2025	50.00	50.00	0.00		100.00%
Released 101006	Reservoir Assembly	SP-BOM2000	SP-BOM2000	27/05/2025	03/06/2025	04/06/2025	5.00	5.00	0.00		100.00%
Released 101001	AutoDrip	SP-SCM1004	SP-SCM1004	22/04/2025	29/04/2025	30/04/2025	10.00	5.00	-5.00	50.00%	50.00%
Released 101005	AutoDripLite	SP-SCM1006		12/06/2025	12/06/2025	13/06/2025	3.00		-3.00	100.00%	
Total							128.00	120.00	-8.00	6.25%	93.75%

Updated Manufacturing PowerBI Dashboard

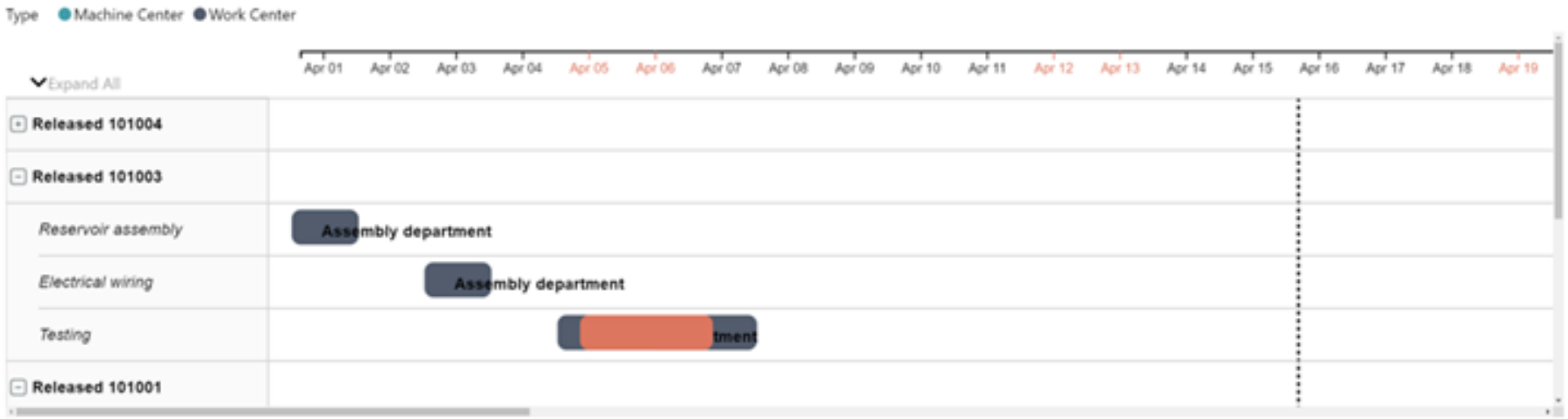


Updated Manufacturing PowerBI Dashboard

Production Order Time Line

Company Name: CRONUS USA, Inc. - Last Refreshed: 03/04/2025 05:14 AM

Production Time Line

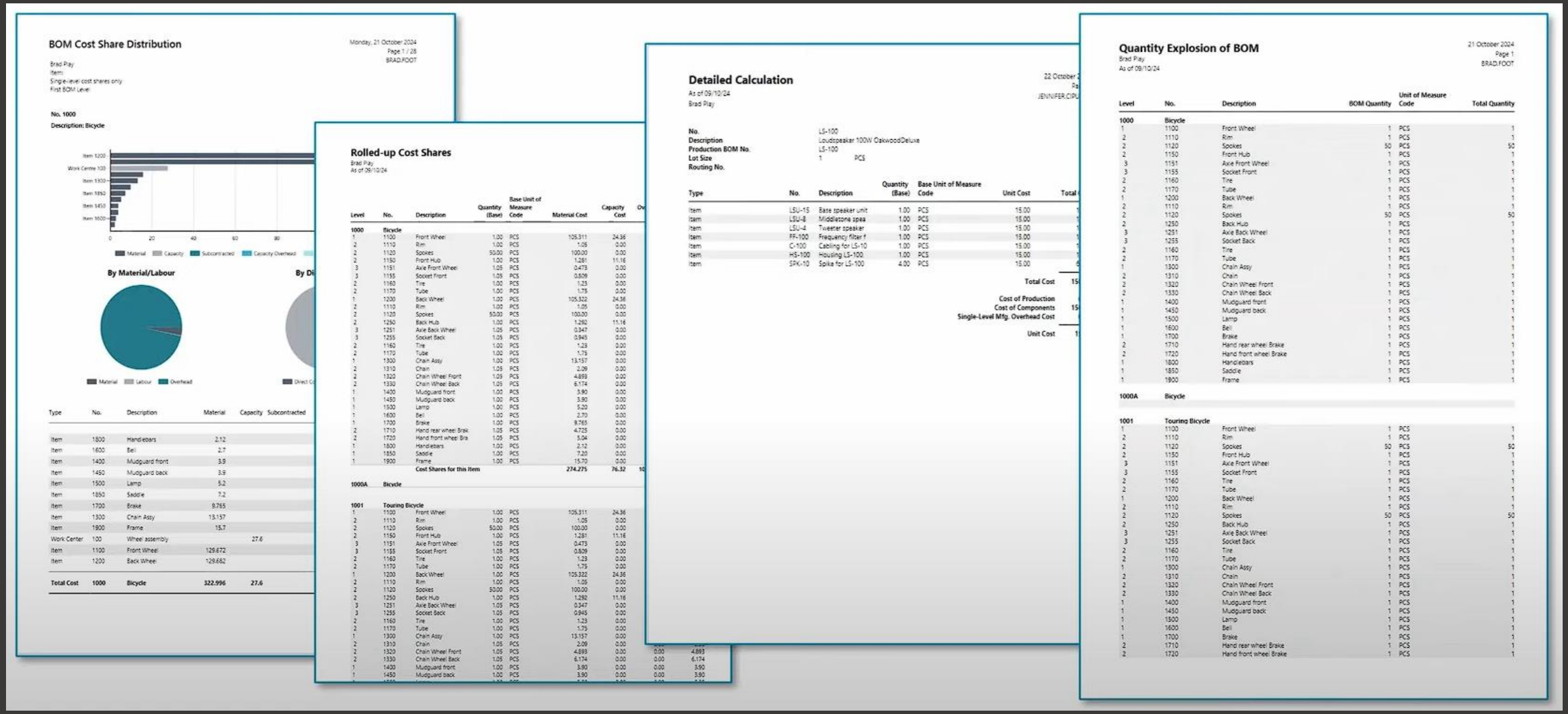


Routing Line Details

Prod Order No.	Routing No.	Operation No.	Work Centre/Machine Centre No.	Starting Date Time	Ending Date Time	Total Duration Hours Measure	Duration Total Days
101004	SP-SCM1009-SERIAL	10	100	26/03/2025 15:40:00	28/03/2025 16:00:00	48.33	2.01
101004	SP-SCM1009-SERIAL	20	110	31/03/2025 15:40:00	02/04/2025 16:00:00	48.33	2.01
101003	SP-BOM2000	10	100	31/03/2025 15:45:00	01/04/2025 16:00:00	24.25	1.01
Total						**411.17**	**17.13**

Updated BC Manufacturing Reports

Legacy production cost reports

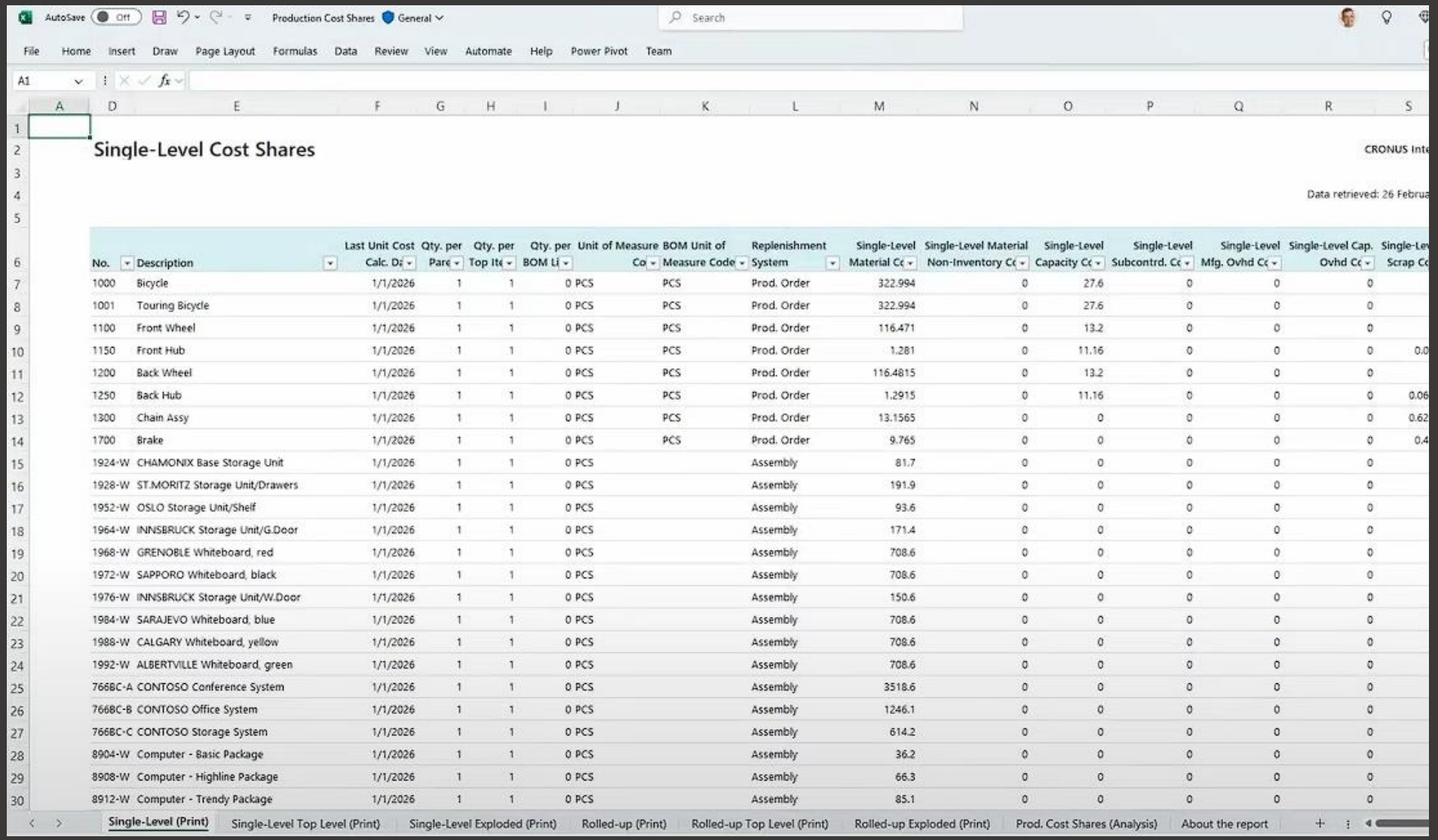


Updated BC Manufacturing Reports

New production cost shares report

Replaces:

- BOM Cost Share Distribution
- Cost Share Reports
- Detailed Calculation reports
- Quantity Explosion of BoM



Single-Level Cost Shares

CRONUS Inte

Data retrieved: 26 Februa

No.	Description	Last Unit Cost Calc. Da	Qty. per Pare	Qty. per Top Ite	Qty. per BOM Li	Unit of Measure Co	BOM Unit of Measure Code	Replenishment System	Single-Level Material Cc	Single-Level Material Non-Inventory Cc	Single-Level Capacity Cc	Single-Level Subcontrd. Cc	Single-Level Mfg. Ovhd Cc	Single-Level Cap. Ovhd Cc	Single-Lev Scrap Cc
1000	Bicycle	1/1/2026	1	1	0 PCS		PCS	Prod. Order	322.994	0	27.6	0	0	0	
1001	Touring Bicycle	1/1/2026	1	1	0 PCS		PCS	Prod. Order	322.994	0	27.6	0	0	0	
1100	Front Wheel	1/1/2026	1	1	0 PCS		PCS	Prod. Order	116.471	0	13.2	0	0	0	
1150	Front Hub	1/1/2026	1	1	0 PCS		PCS	Prod. Order	1.281	0	11.16	0	0	0	0.0
1200	Back Wheel	1/1/2026	1	1	0 PCS		PCS	Prod. Order	116.4815	0	13.2	0	0	0	
1250	Back Hub	1/1/2026	1	1	0 PCS		PCS	Prod. Order	1.2915	0	11.16	0	0	0	0.06
1300	Chain Assy	1/1/2026	1	1	0 PCS		PCS	Prod. Order	13.1565	0	0	0	0	0	0.62
1700	Brake	1/1/2026	1	1	0 PCS		PCS	Prod. Order	9.765	0	0	0	0	0	0.4
1924-W	CHAMONIX Base Storage Unit	1/1/2026	1	1	0 PCS			Assembly	81.7	0	0	0	0	0	
1928-W	ST.MORITZ Storage Unit/Drawers	1/1/2026	1	1	0 PCS			Assembly	191.9	0	0	0	0	0	
1952-W	OSLO Storage Unit/Shelf	1/1/2026	1	1	0 PCS			Assembly	93.6	0	0	0	0	0	
1964-W	INNSBRUCK Storage Unit/G.Door	1/1/2026	1	1	0 PCS			Assembly	171.4	0	0	0	0	0	
1968-W	GRENOBLE Whiteboard, red	1/1/2026	1	1	0 PCS			Assembly	708.6	0	0	0	0	0	
1972-W	SAPPORO Whiteboard, black	1/1/2026	1	1	0 PCS			Assembly	708.6	0	0	0	0	0	
1976-W	INNSBRUCK Storage Unit/W.Door	1/1/2026	1	1	0 PCS			Assembly	150.6	0	0	0	0	0	
1984-W	SARAJEVO Whiteboard, blue	1/1/2026	1	1	0 PCS			Assembly	708.6	0	0	0	0	0	
1988-W	CALGARY Whiteboard, yellow	1/1/2026	1	1	0 PCS			Assembly	708.6	0	0	0	0	0	
1992-W	ALBERTVILLE Whiteboard, green	1/1/2026	1	1	0 PCS			Assembly	708.6	0	0	0	0	0	
766BC-A	CONTOSO Conference System	1/1/2026	1	1	0 PCS			Assembly	3518.6	0	0	0	0	0	
766BC-B	CONTOSO Office System	1/1/2026	1	1	0 PCS			Assembly	1246.1	0	0	0	0	0	
766BC-C	CONTOSO Storage System	1/1/2026	1	1	0 PCS			Assembly	614.2	0	0	0	0	0	
8904-W	Computer - Basic Package	1/1/2026	1	1	0 PCS			Assembly	36.2	0	0	0	0	0	
8908-W	Computer - Highline Package	1/1/2026	1	1	0 PCS			Assembly	66.3	0	0	0	0	0	
8912-W	Computer - Trendy Package	1/1/2026	1	1	0 PCS			Assembly	85.1	0	0	0	0	0	

Single-Level (Print) | Single-Level Top Level (Print) | Single-Level Exploded (Print) | Rolled-up (Print) | Rolled-up Top Level (Print) | Rolled-up Exploded (Print) | Prod. Cost Shares (Analysis) | About the report

nHanced functionality

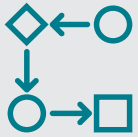
We've been working with every iteration of Dynamics 365 Business Central, from Navision back in the 1990s to Dynamics NAV in the 2000s and beyond.

As with all software, customers often purchase additional products to extend the solution. So we took the most common additional needs of these users and created a range of Dynamics NAV and Business Central add-ons to offer you that extra extended versatility of your system.

We call it nHanced 365!

What are we going to cover?

Quality Assurance



Business Processes

Shop floor data capture

ISV functionality

Filters Clear all

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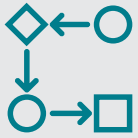
What are we going to cover?



Visual scheduling

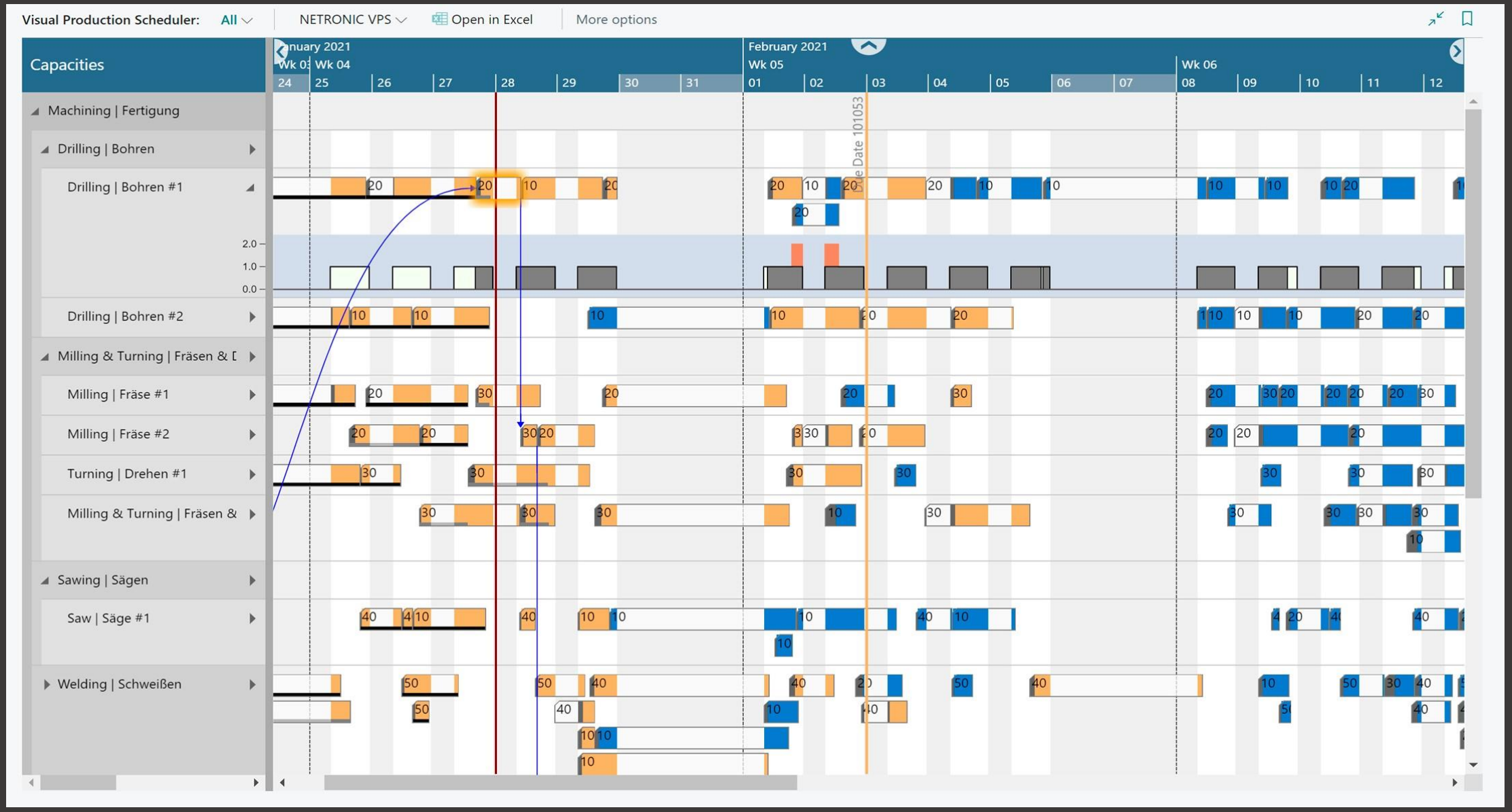
Shop floor data capture

Master Data Management

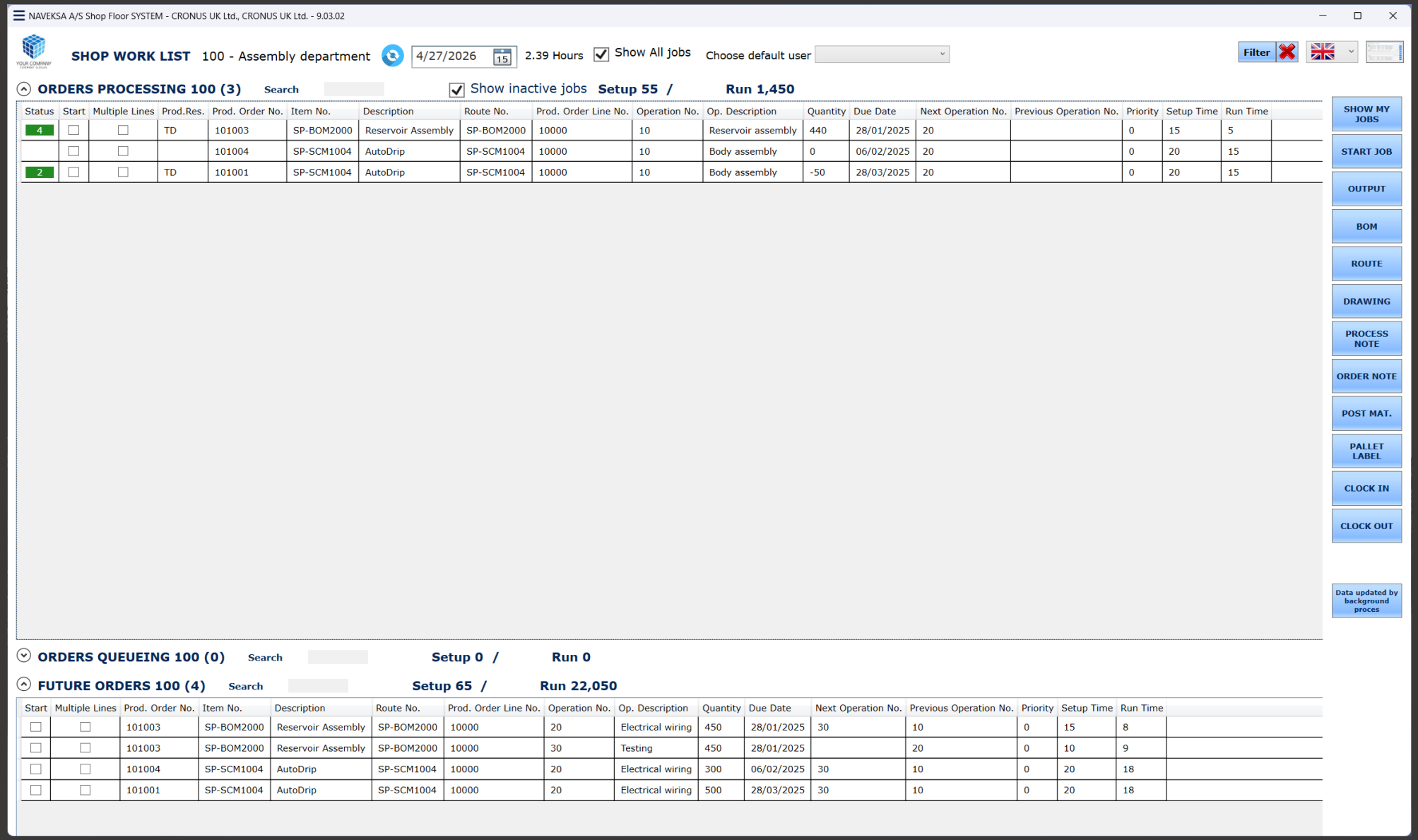
BoM / Routing Imports

Mobile solutions

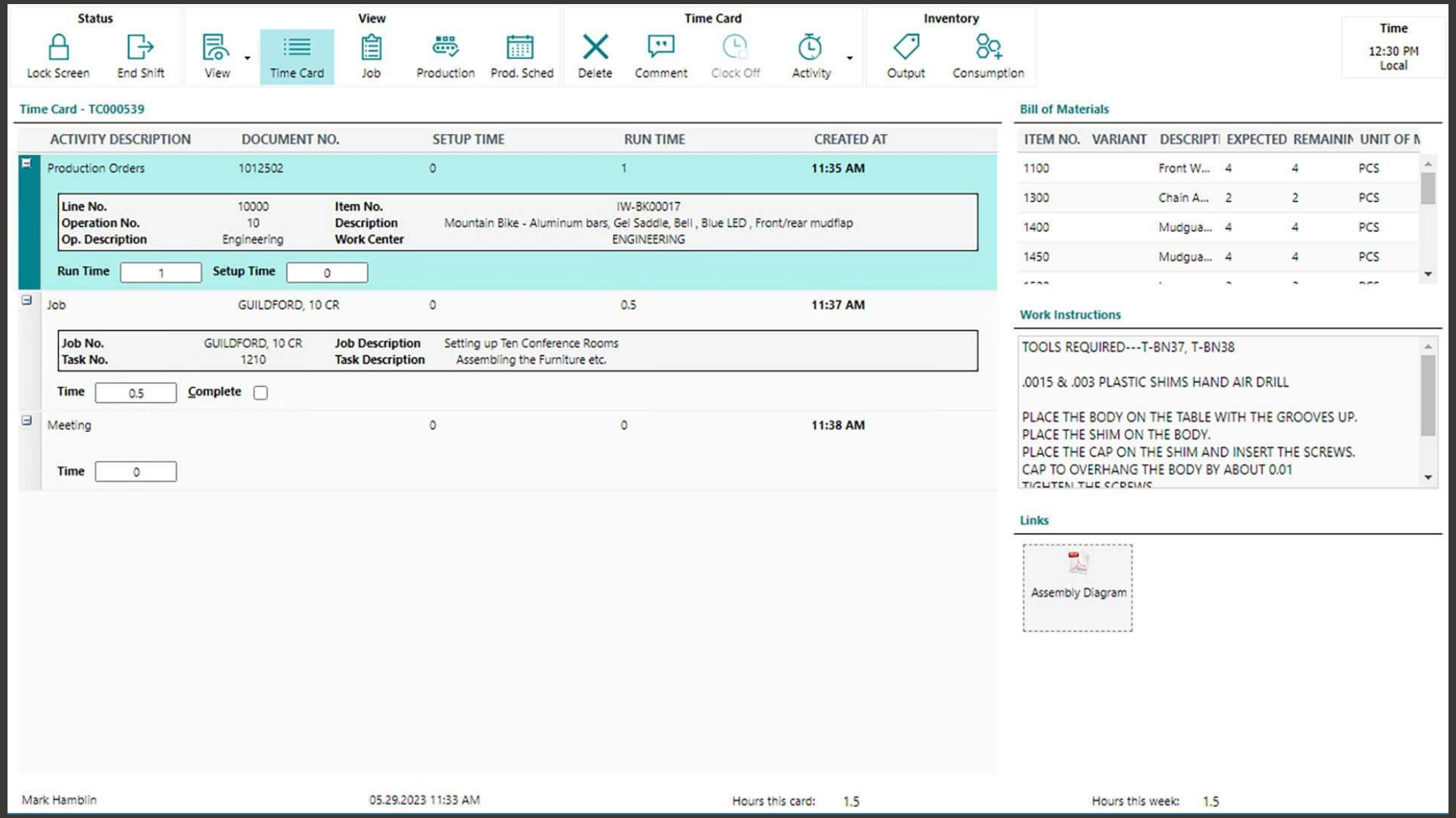
Netronic – Visual Production Scheduler



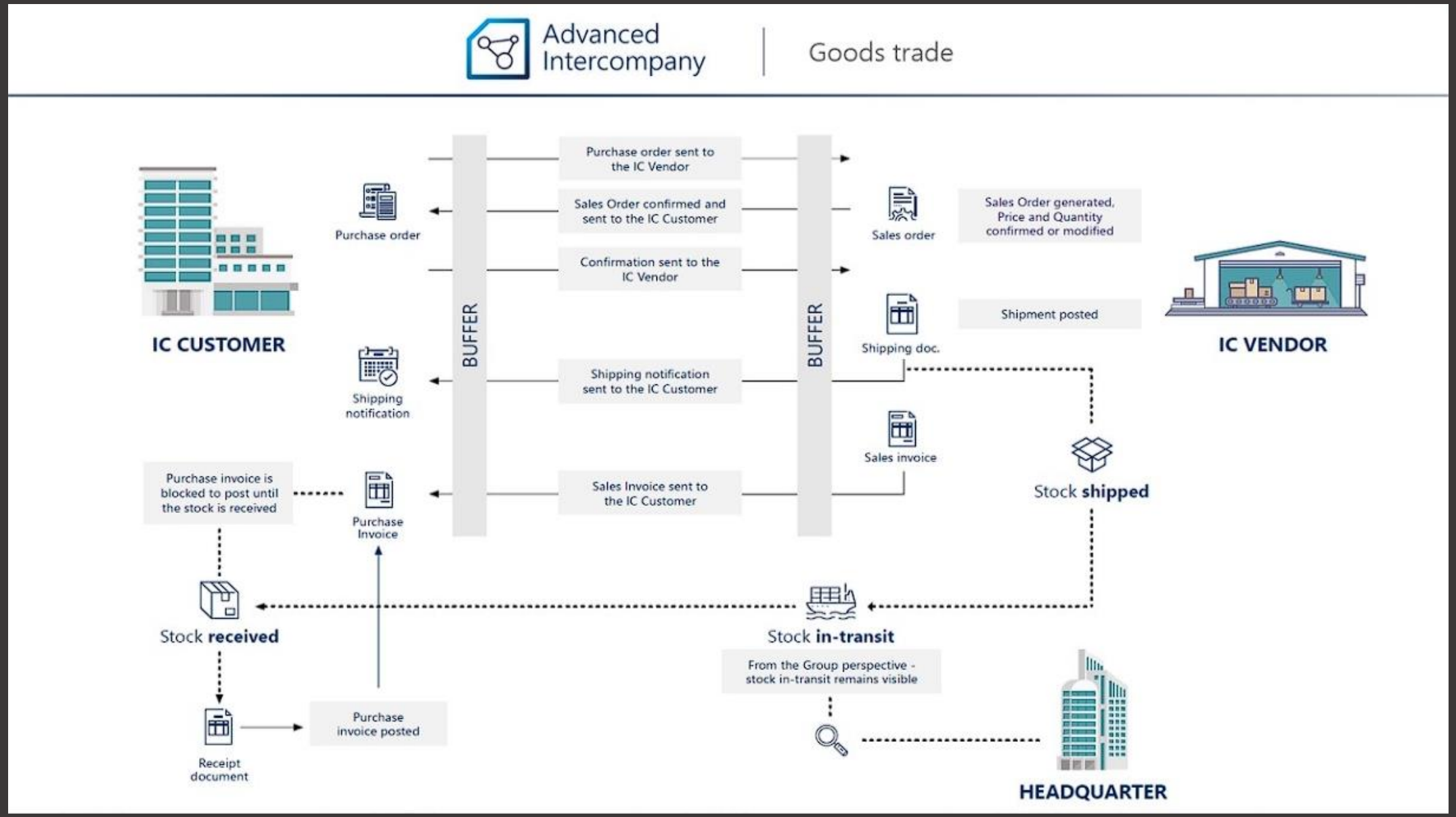
Naveksa - Shopfloor Data Capture



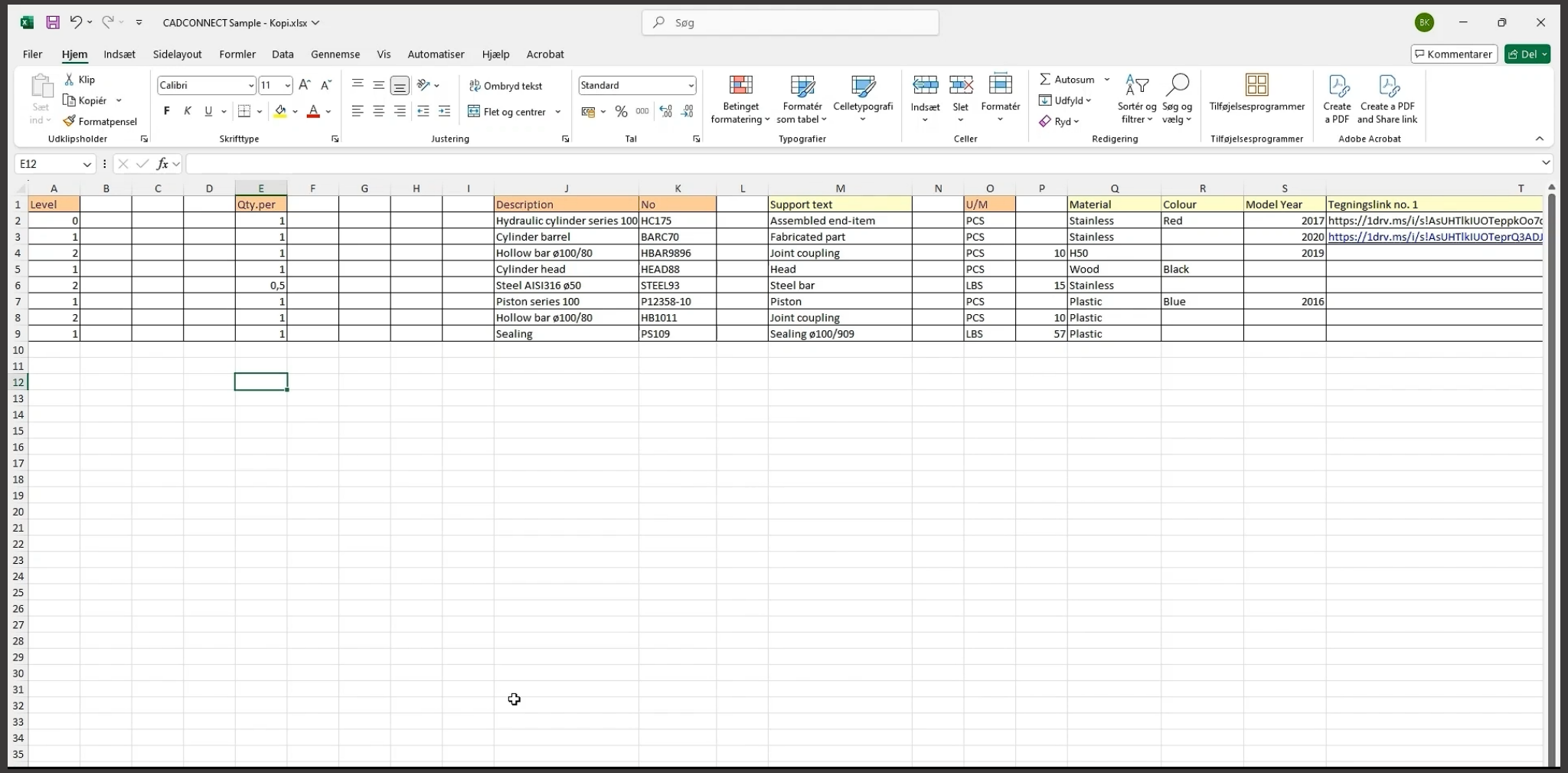
Insight Works - Shopfloor Insight



ITintegro – MDM & Intercompany

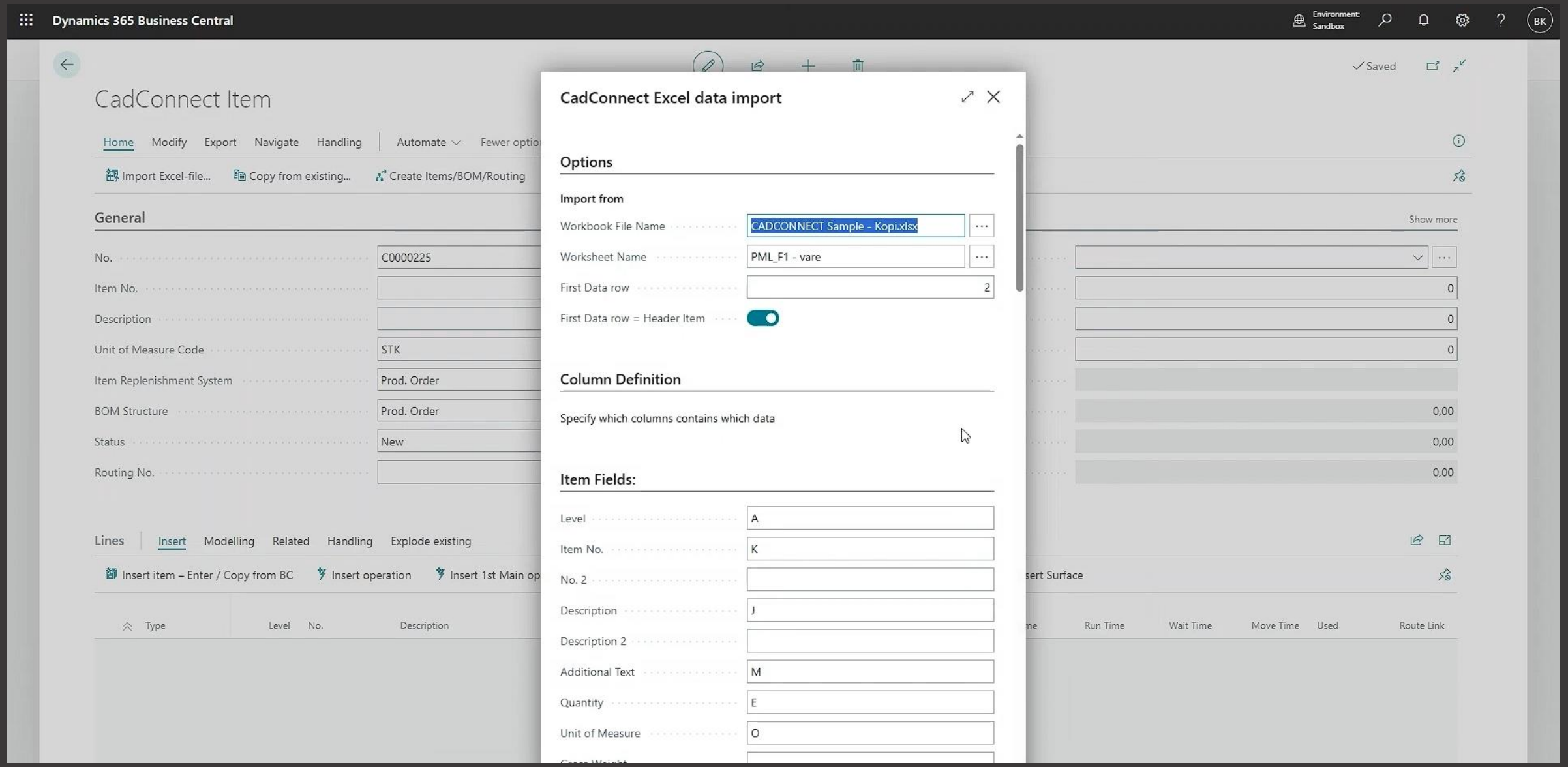


Naveksa – CADConnect

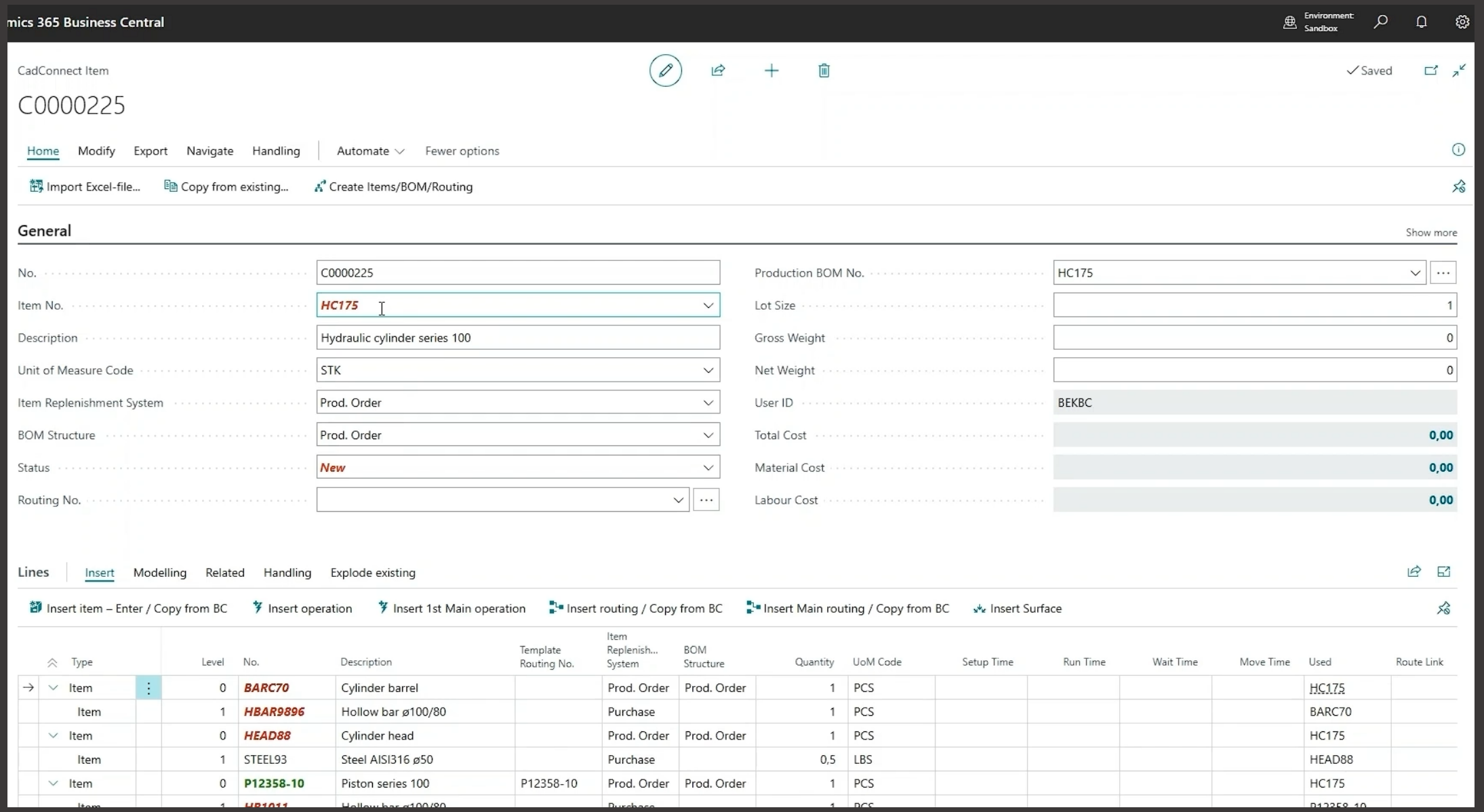


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Level				Qty.per					Description	No		Support text		U/M		Material	Colour	Model Year	Tegningslink no. 1
2	0				1					Hydraulic cylinder series 100	HC175		Assembled end-item		PCS		Stainless	Red	2017	https://1drv.ms/i/s!AsUHTlkIUOTeppkOo7c
3	1				1					Cylinder barrel	BARC70		Fabricated part		PCS		Stainless		2020	https://1drv.ms/i/s!AsUHTlkIUOTeprQ3ADJ
4	2				1					Hollow bar ø100/80	HBAR9896		Joint coupling		PCS	10	H50		2019	
5	1				1					Cylinder head	HEAD88		Head		PCS		Wood	Black		
6	2				0,5					Steel AISI316 ø50	STEEL93		Steel bar		LBS	15	Stainless			
7	1				1					Piston series 100	P12358-10		Piston		PCS		Plastic	Blue	2016	
8	2				1					Hollow bar ø100/80	HB1011		Joint coupling		PCS	10	Plastic			
9	1				1					Sealing	PS109		Sealing ø100/909		LBS	57	Plastic			

Naveksa – CADConnect

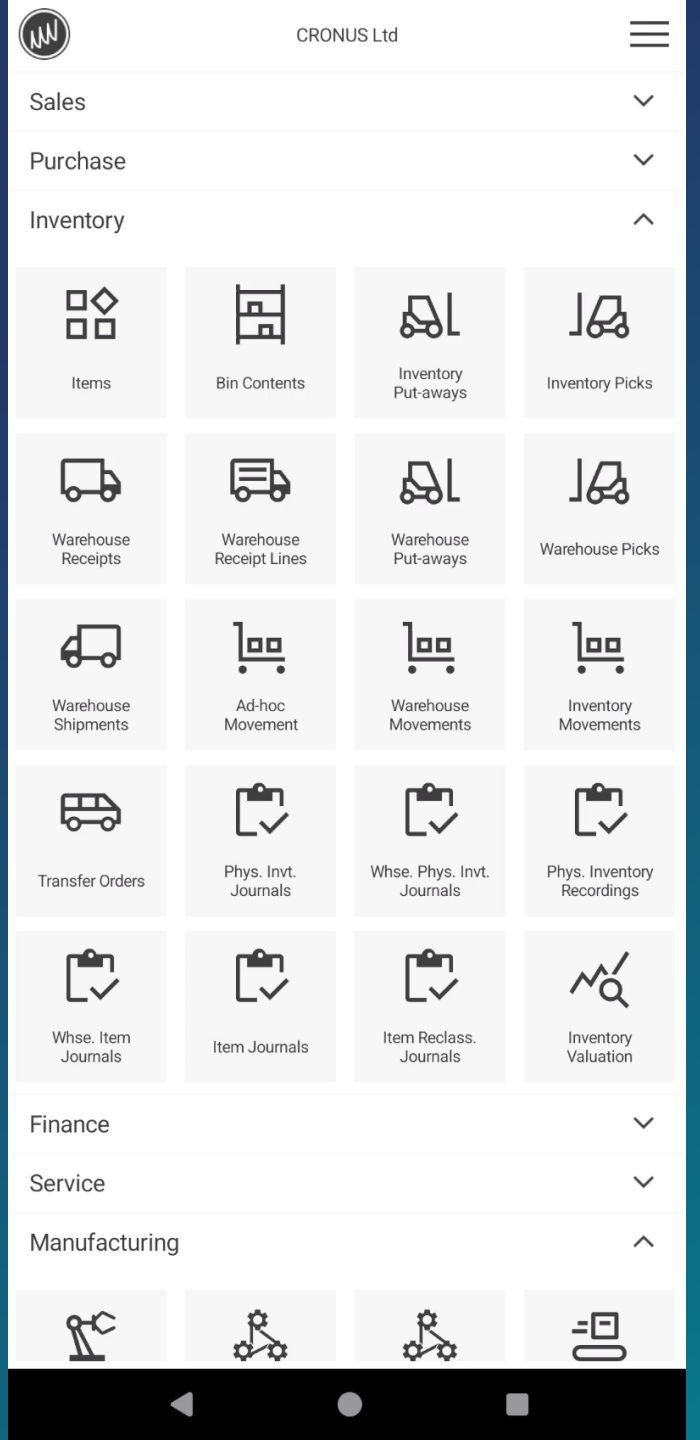


Naveksa – CADConnect



Manufacturing on MobileNAV

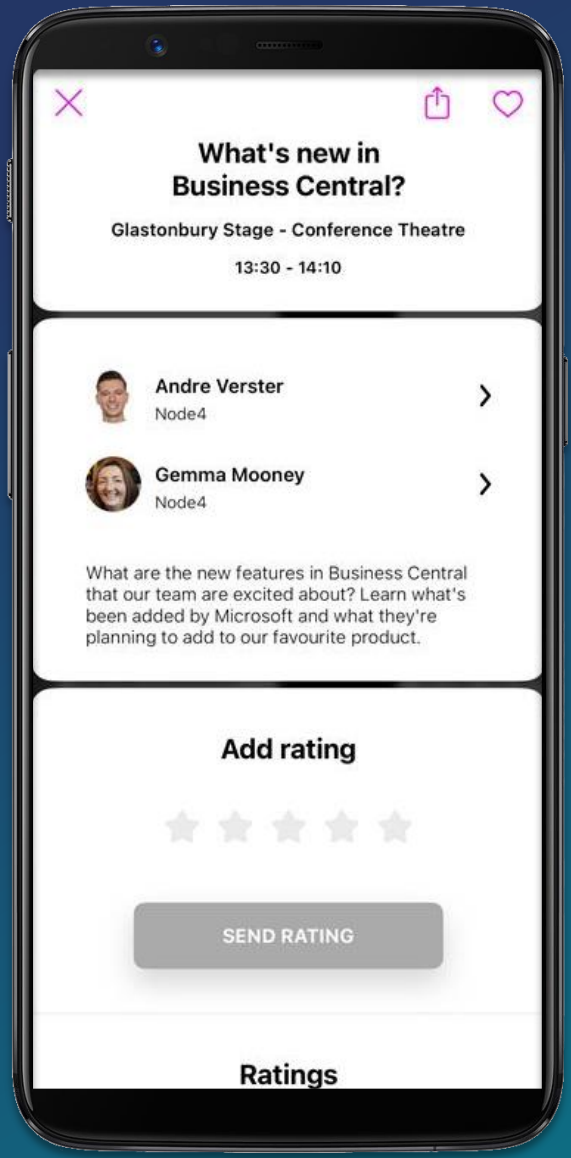
Not just for warehousing!



Final thoughts

Please rate all sessions

let us know how we did



Thank You.

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Principal Engagement Manager

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