EPA Ltd (Latvia)

Presentation

Company EPA Ltd short profile description.

Our company EPA Ltd was established in Latvia in 1994.

Today we are the company with:

- qualified personnel;
- modern equipment;
- constantly developing processes within the company: we are using the pallets systems (EROWA, OML, Lang) in production, ERP system (Enterprise Resource Planning System) MONITOR for planning of processes in company.
- Our company is focusing on keeping delivery terms and ensure the guaranteed quality and service for our customers. Company is working with profit. Working personnel – 20 persons.

We have the following experience in metalworking:

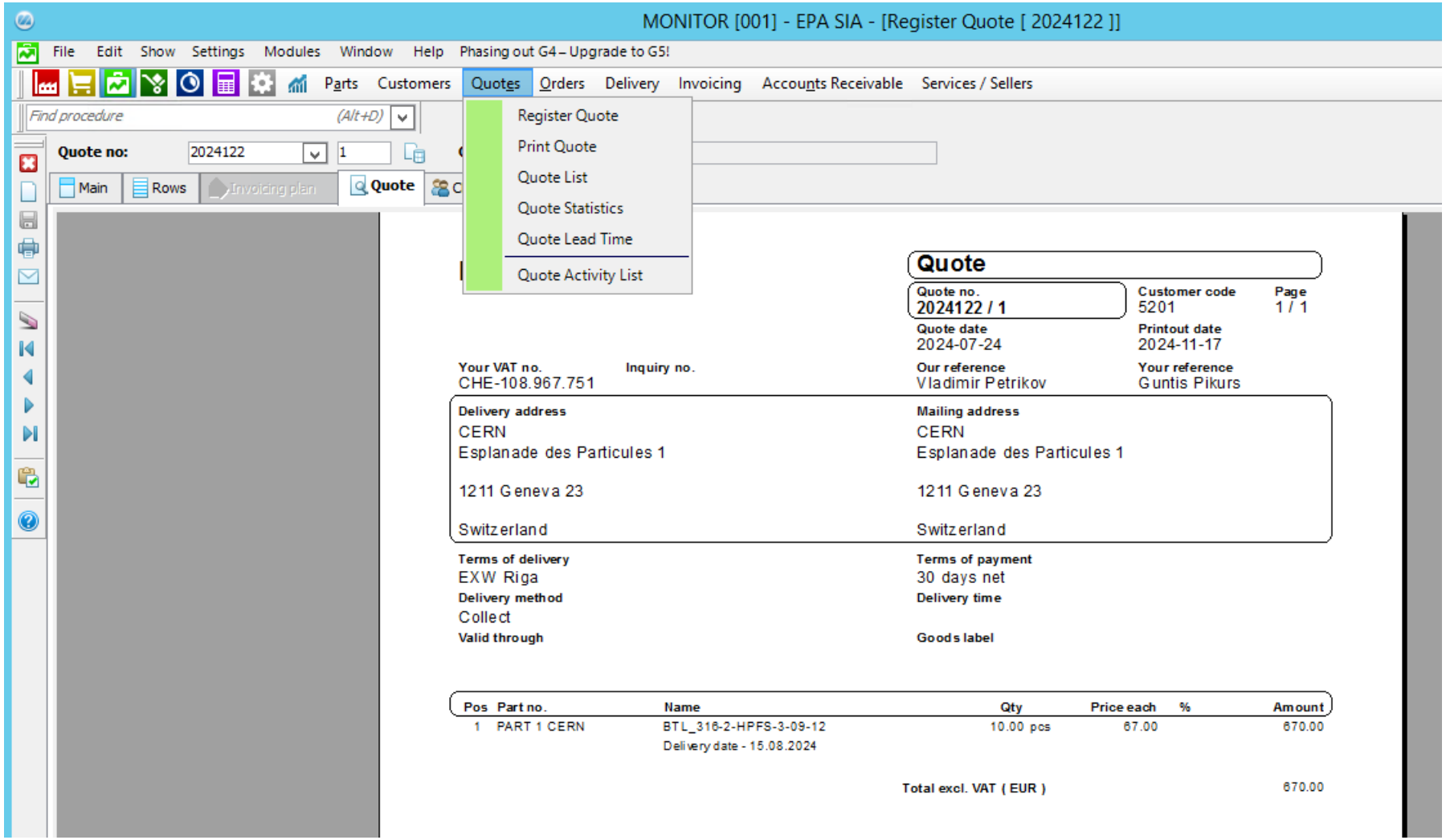
- - high-precision CNC turning and milling processing of parts from different materials;
- - production of parts (components) for medical, diving, firefighters equipment;
- - casting moulds production for iron casting;
- - thermoforming matrix and cutting units production for food packaging machines;
- - high precision parts of fiber optical cables production using 3D CNC measuring machine;
- - high precision gyroscope parts production using 3D CNC measuring machine;
- - hydraulic equipment production.

Today we are focusing on developing service for our customers in production of high-precision parts under small-scale and medium-scale orders.

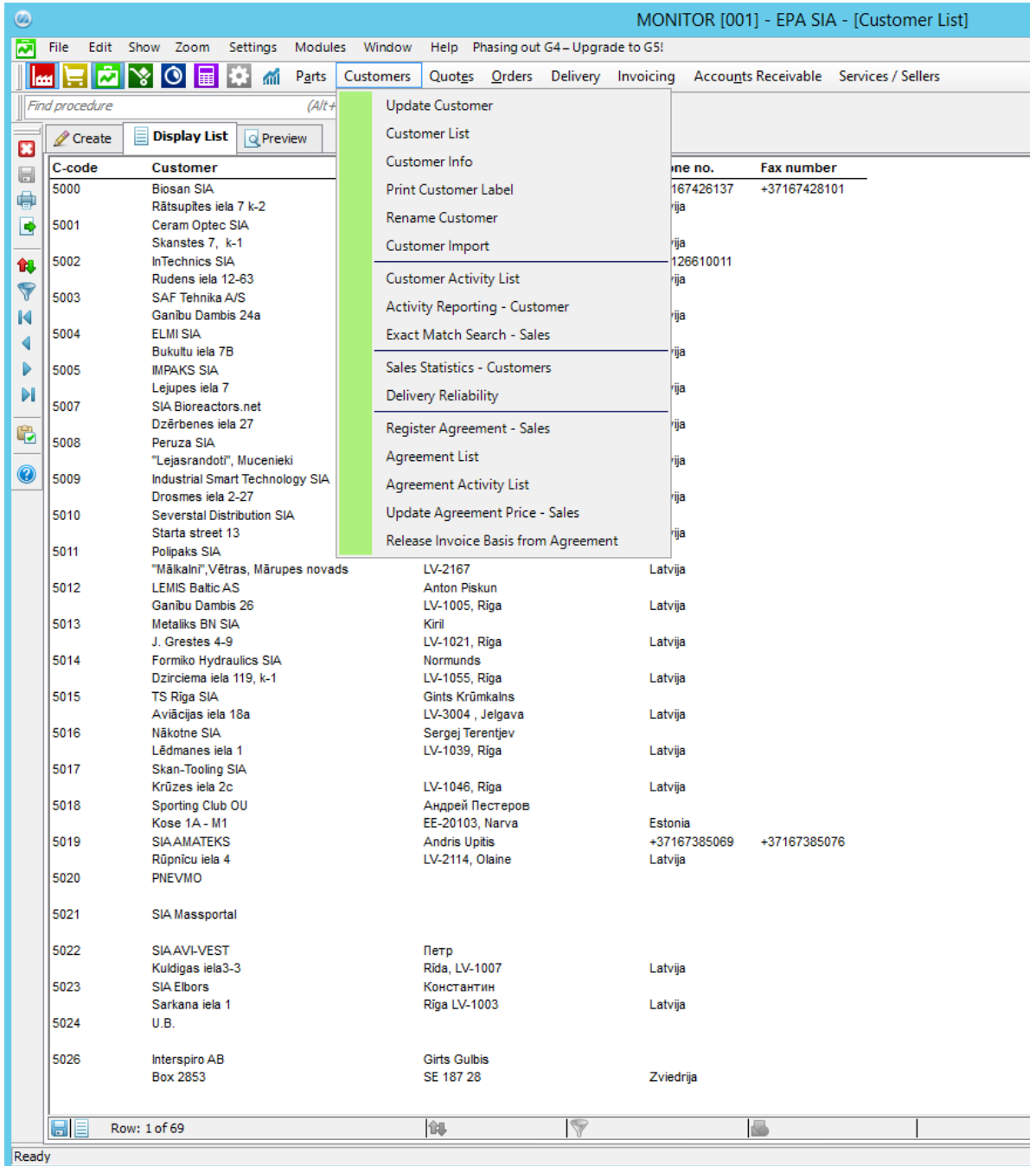
- Among our clients have been such companies like Amada Europe S.A. (France), INTERSPIRO AB (Sweden), Peewit International AB (Sweden), Plastema AB (Sweden), Polytronic International Ltd (Switzerland), SPERRE Industri AS (Norway), Swedegg AB (Sweden), Talent Plastics AB (Sweden), Weisshaar Formenbau GmbH (Germany), Biosan SIA (Latvia), ELMI SIA (Latvia), LAS-1 SIA (Latvia), Polipaks SIA (Latvia), SAF Tehnika AS (Latvia), Skan-Tooling Ltd (Latvia) and other.

ERP system (Enterprise Resource Planning System) MONITOR

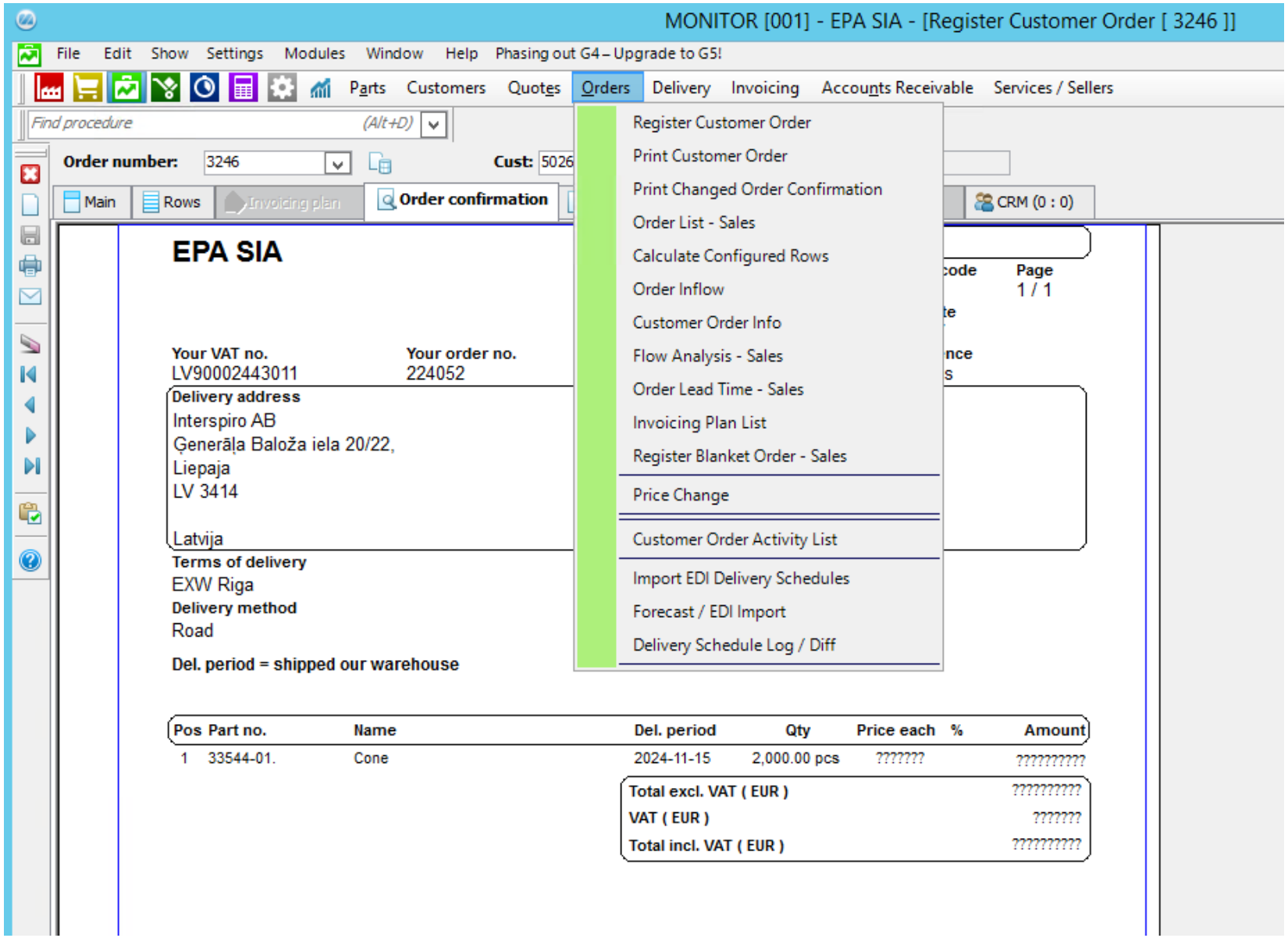
Quotation



Customer List



Orders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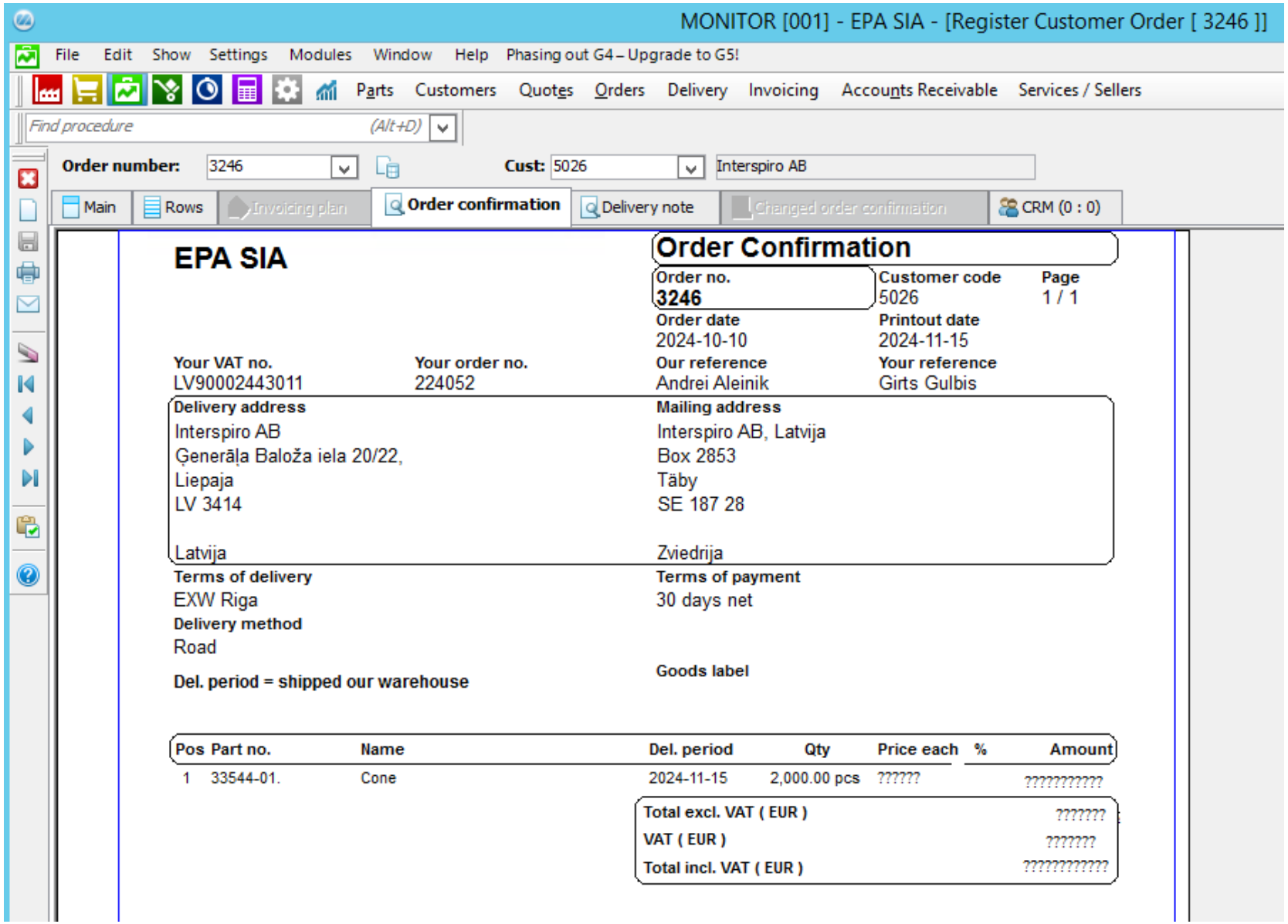
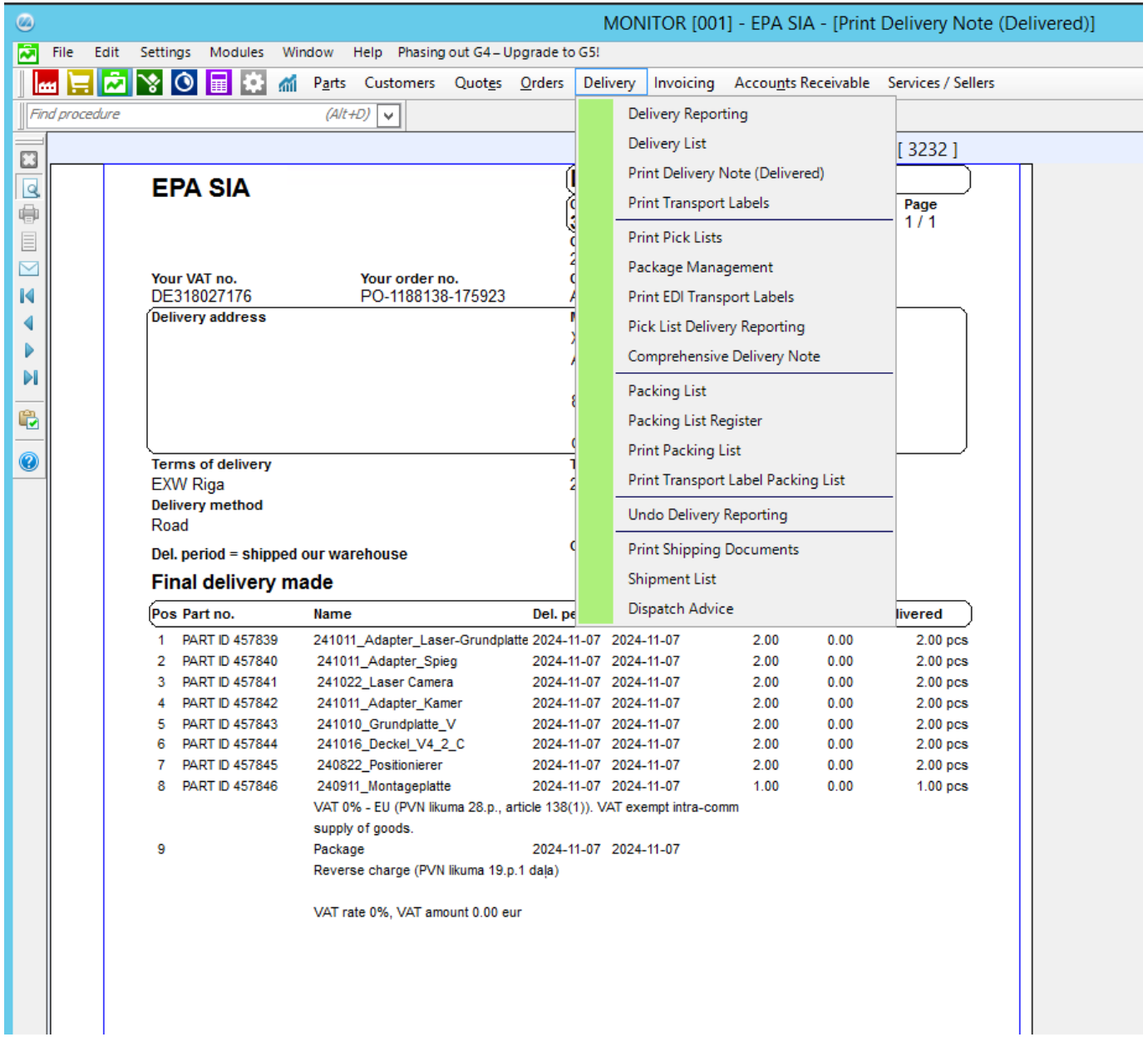
Parts Customers Quotes Orders Delivery Invoicing Accounts Receivable Services / Sellers
Find procedure (Alt+D)
Order number: 3246
Cust: 5026
Main Rows Invoicing plan Order confirmation
CRM (0 : 0)
Register Customer Order
Print Customer Order
Print Changed Order Confirmation
Order List - Sales
Calculate Configured Rows
Order Inflow
Customer Order Info
Flow Analysis - Sales
Order Lead Time - Sales
Invoicing Plan List
Register Blanket Order - Sales
Price Change
Customer Order Activity List
Import EDI Delivery Schedules
Forecast / EDI Import
Delivery Schedule Log / Diff
EPA SIA
Page 1 / 1
Your VAT no. LV90002443011
Your order no. 224052
Delivery address
Interspiro AB
Ģenerāļa Baloža iela 20/22,
Liepaja
LV 3414
Latvija
Terms of delivery
EXW Riga
Delivery method
Road
Del. period = shipped our warehouse
Pos Part no. Name Del. period Qty Price each % Amount
1 33544-01. Cone 2024-11-15 2,000.00 pcs ??????? ??????????
Total excl. VAT (EUR) ??????????
VAT (EUR) ???????
Total incl. VAT (EUR) ??????????

Order Confirmation



Delivery


MONITOR [001] - EPA SIA - [Print Delivery Note (Delivered)]
File Edit Settings Modules Window Help Phasing out G4 – Upgrade to G5!
Parts Customers Quotes Orders Delivery Invoicing Accounts Receivable Services / Sellers
Find procedure (Alt+D)
Delivery Reporting
Delivery List
Print Delivery Note (Delivered)
Print Transport Labels
Print Pick Lists
Package Management
Print EDI Transport Labels
Pick List Delivery Reporting
Comprehensive Delivery Note
Packing List
Packing List Register
Print Packing List
Print Transport Label Packing List
Undo Delivery Reporting
Print Shipping Documents
Shipment List
Dispatch Advice
[3232]
EPA SIA
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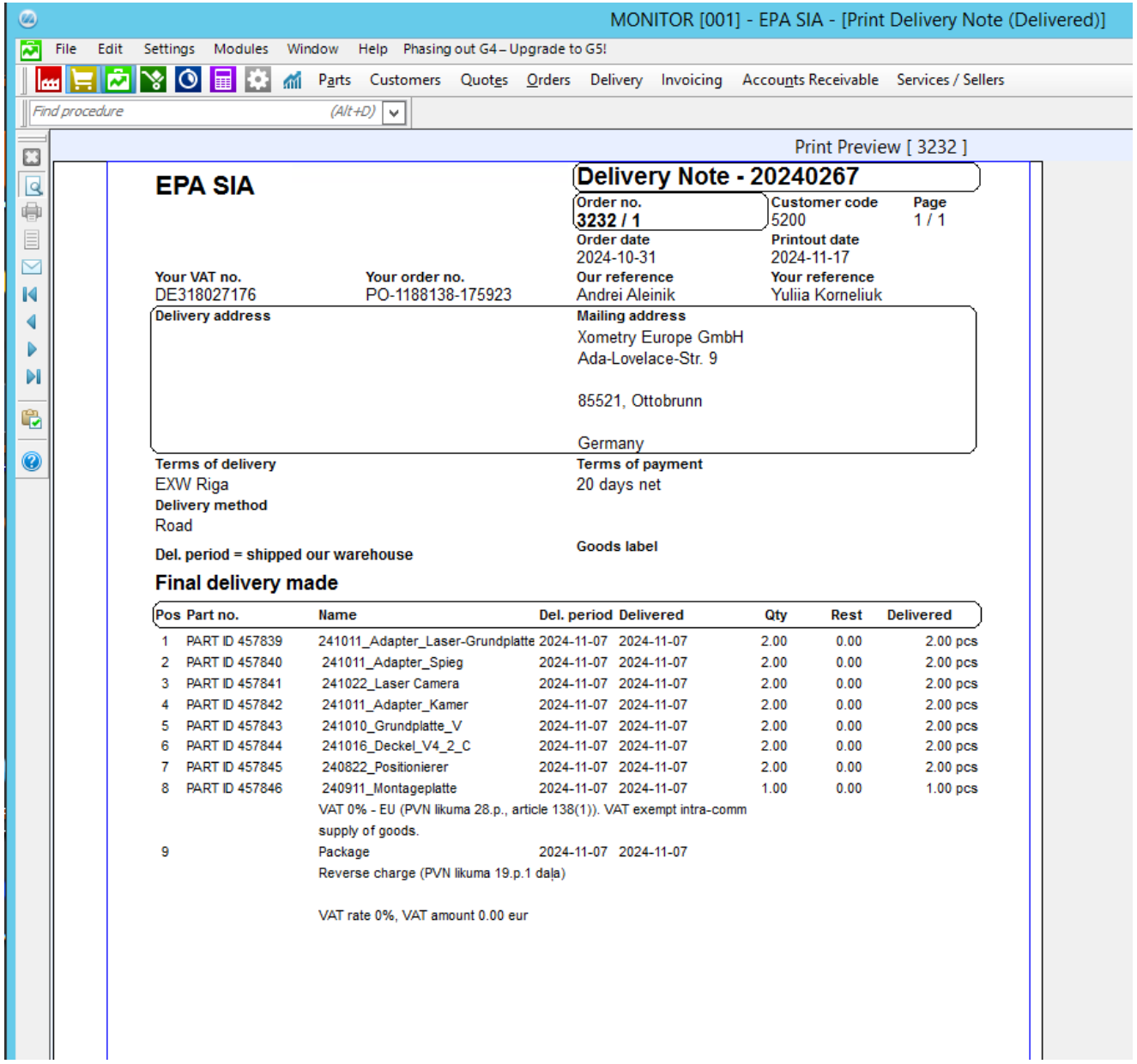
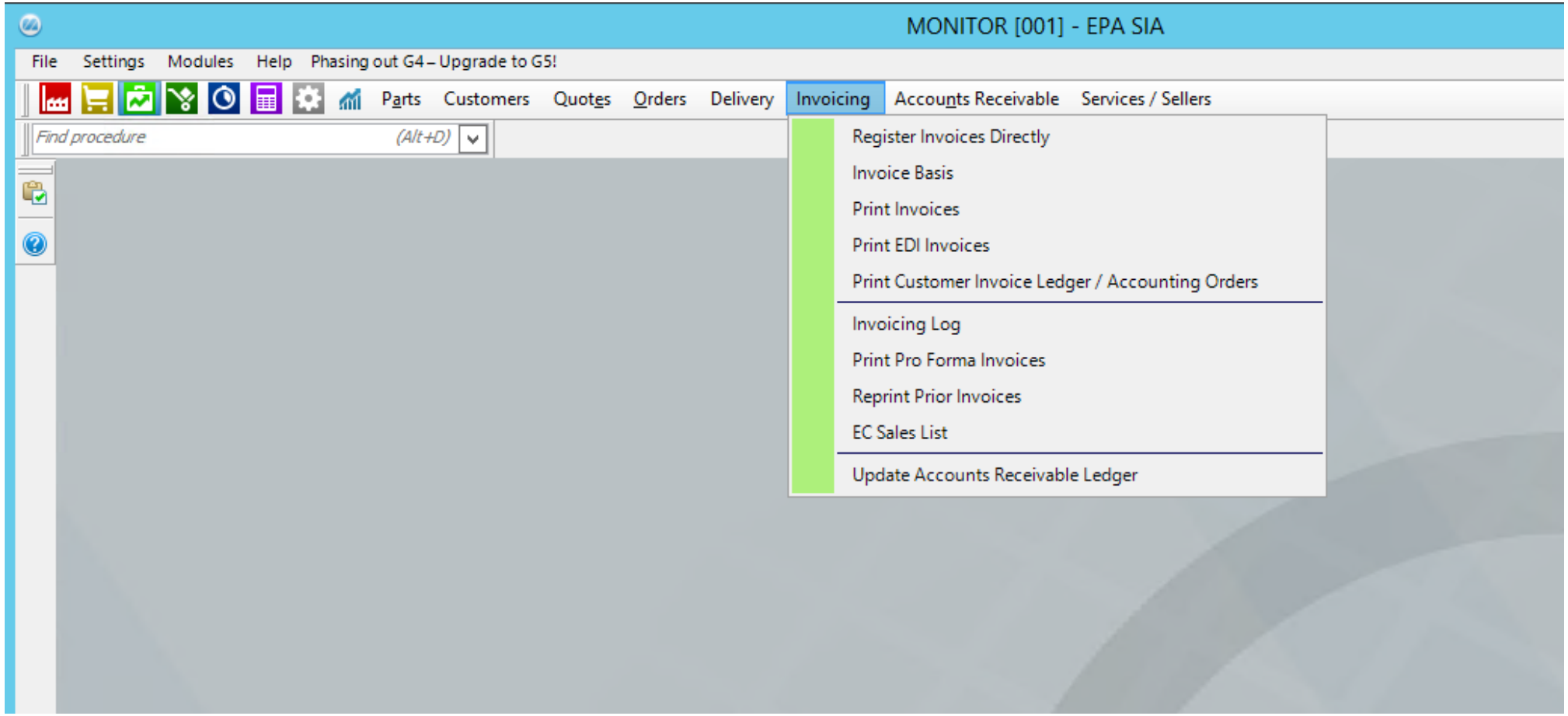
Your VAT no. DE318027176
Your order no. PO-1188138-175923
Delivery address
Terms of delivery EXW Riga
Delivery method Road
Del. period = shipped our warehouse
Final delivery made
Pos Part no. Name Del. pe
1 PART ID 457839 241011_Adapter_Laser-Grundplatte 2024-11-07 2024-11-07 2.00 0.00 2.00 pcs
2 PART ID 457840 241011_Adapter_Spieg 2024-11-07 2024-11-07 2.00 0.00 2.00 pcs
3 PART ID 457841 241022_Laser Camera 2024-11-07 2024-11-07 2.00 0.00 2.00 pcs
4 PART ID 457842 241011_Adapter_Kamer 2024-11-07 2024-11-07 2.00 0.00 2.00 pcs
5 PART ID 457843 241010_Grundplatte_V 2024-11-07 2024-11-07 2.00 0.00 2.00 pcs
6 PART ID 457844 241016_Deckel_V4_2_C 2024-11-07 2024-11-07 2.00 0.00 2.00 pcs
7 PART ID 457845 240822_Positionierer 2024-11-07 2024-11-07 2.00 0.00 2.00 pcs
8 PART ID 457846 240911_Montageplatte 2024-11-07 2024-11-07 1.00 0.00 1.00 pcs
VAT 0% - EU (PVN likuma 28.p., article 138(1)). VAT exempt intra-comm supply of goods.
9 Package 2024-11-07 2024-11-07
Reverse charge (PVN likuma 19.p.1 daļa)
VAT rate 0%, VAT amount 0.00 eur

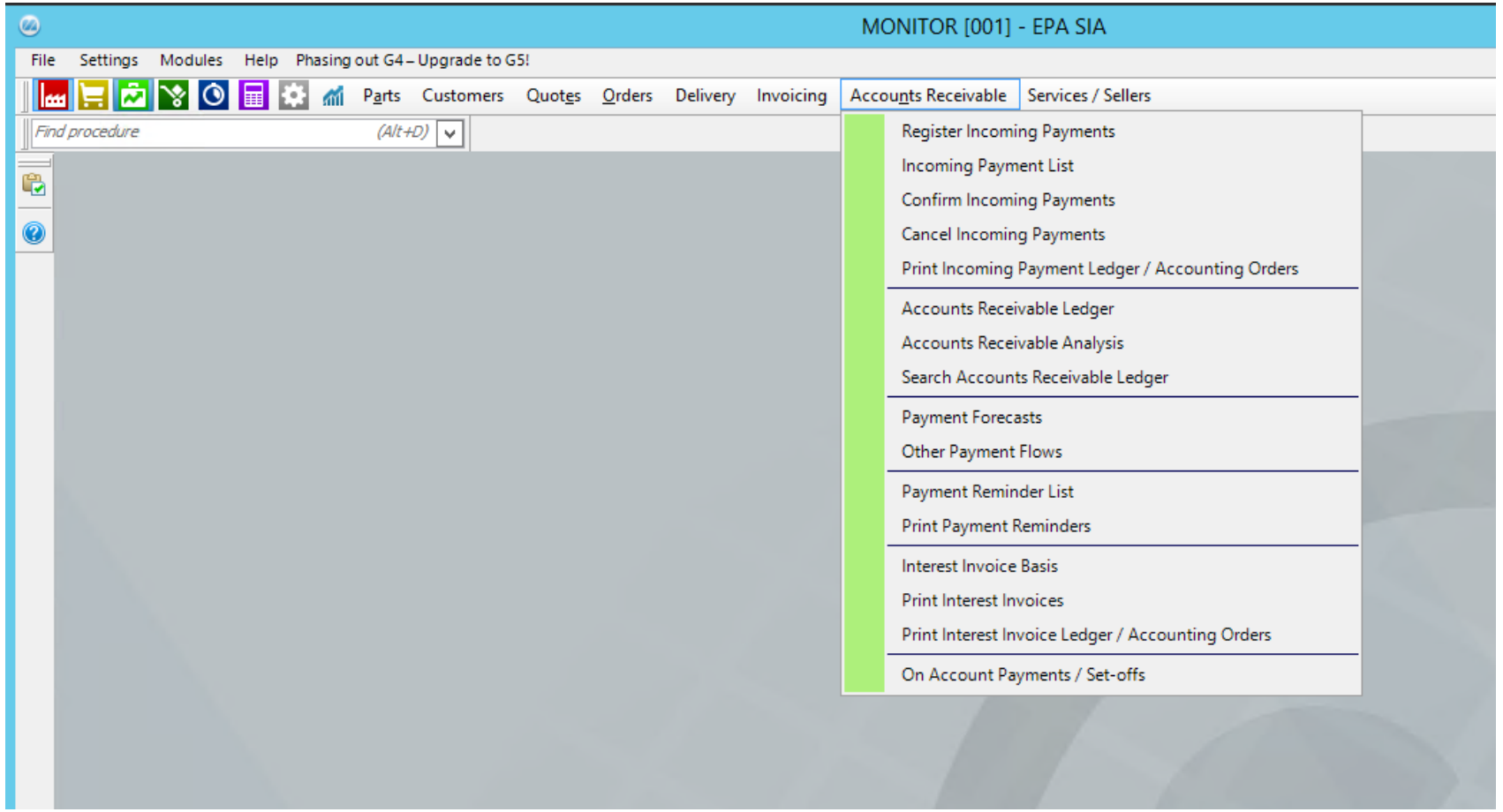
Delivery Note



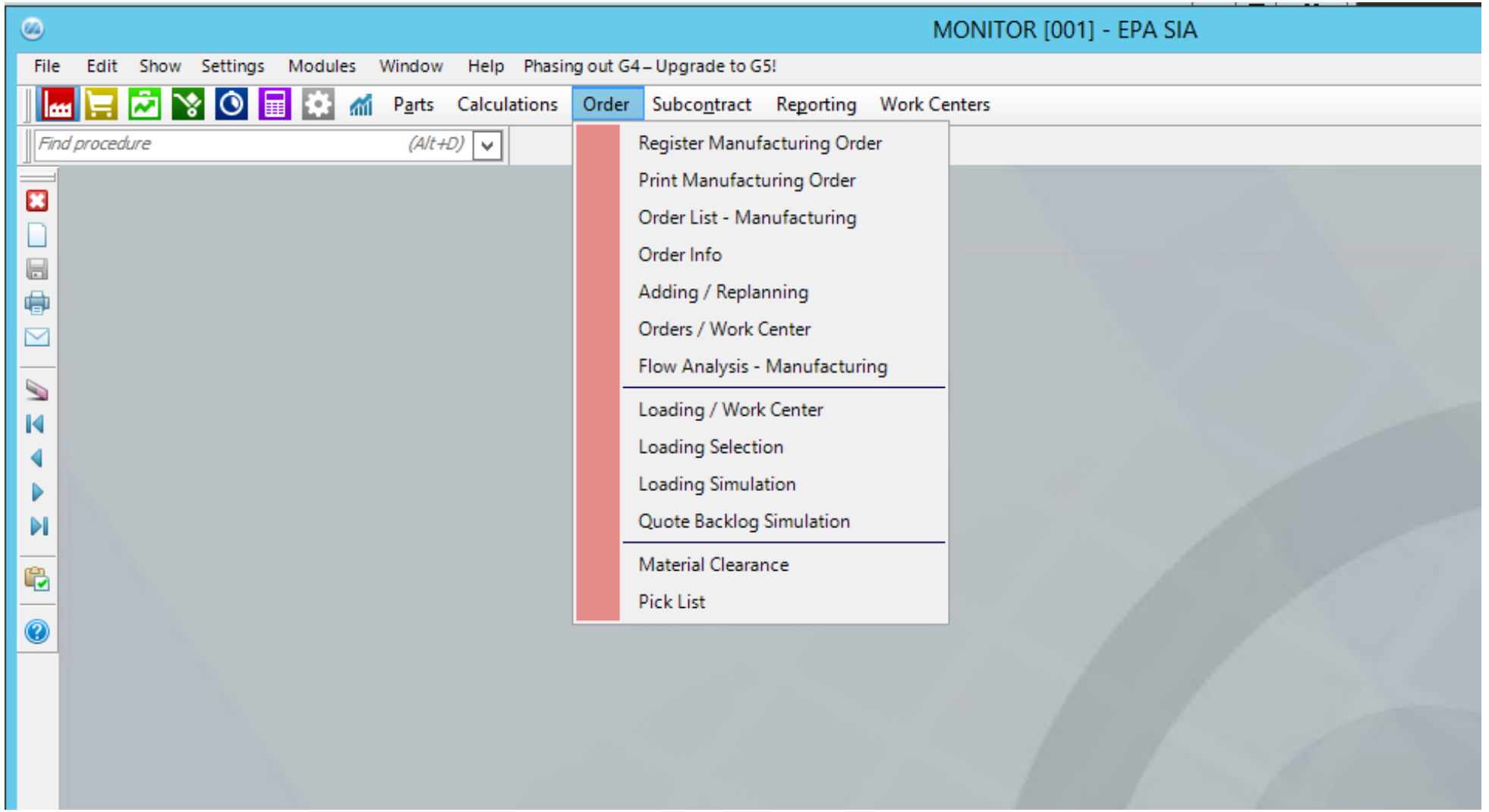
Invoicing


MONITOR [001] - EPA SIA
File
Settings
Modules
Help
Phasing out G4 – Upgrade to G5!
Parts
Customers
Quotes
Orders
Delivery
Invoicing
Accounts Receivable
Services / Sellers
Find procedure
(Alt+D)
Register Invoices Directly
Invoice Basis
Print Invoices
Print EDI Invoices
Print Customer Invoice Ledger / Accounting Orders
Invoicing Log
Print Pro Forma Invoices
Reprint Prior Invoices
EC Sales List
Update Accounts Receivable Ledger

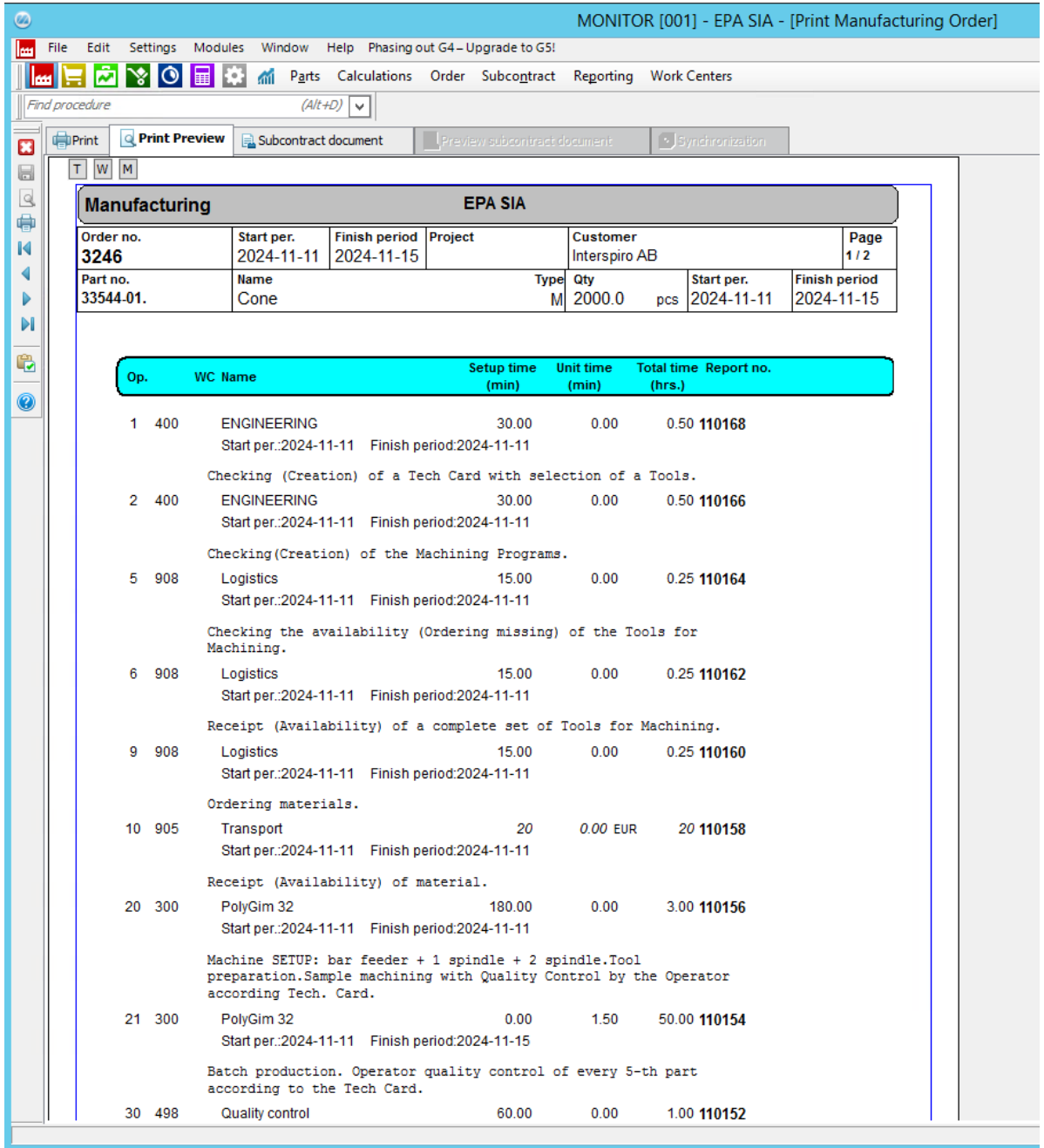
Accounts Receivable



Manufacturing Order



Manufacturing Order, Print



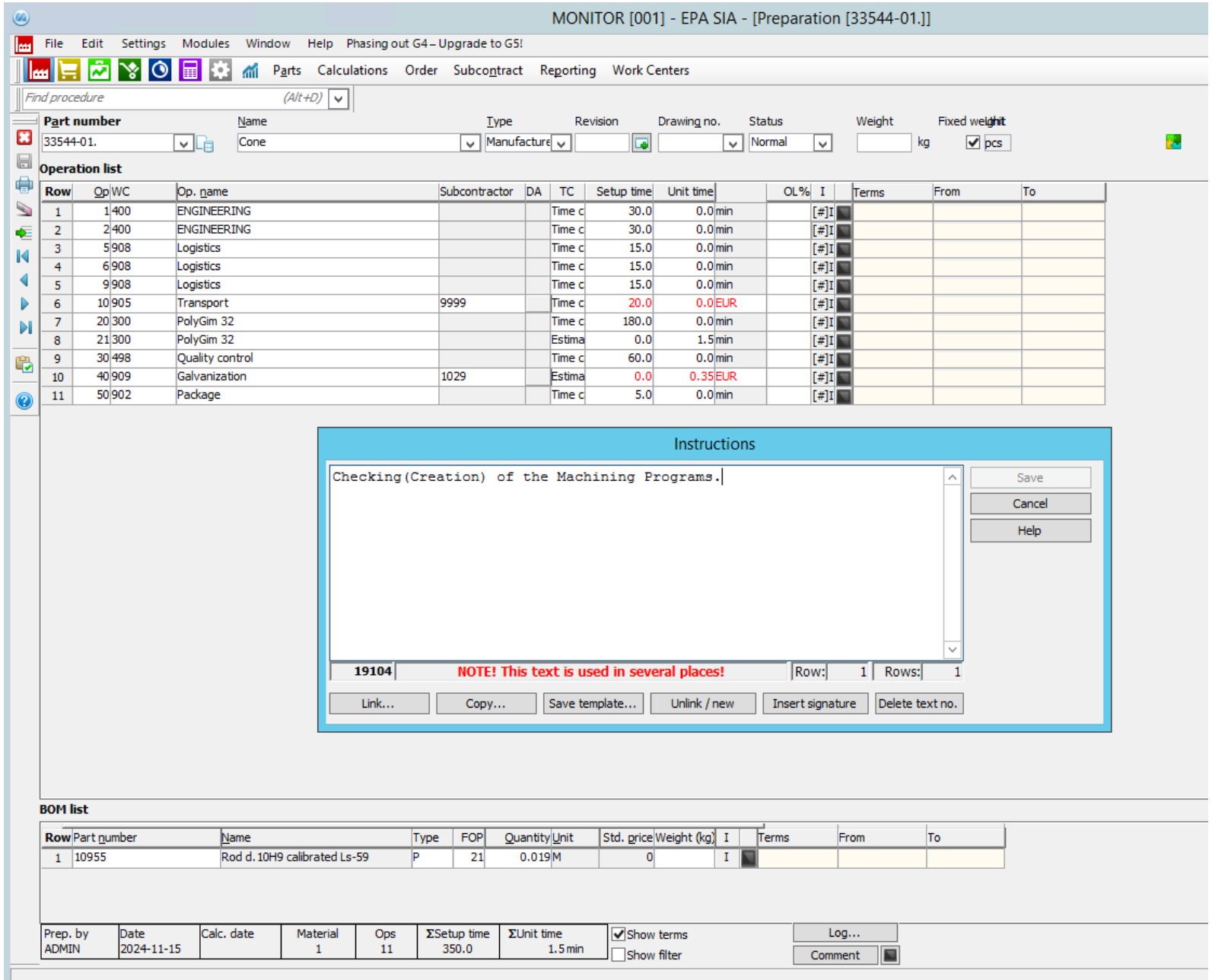
Manufacturing — **EPA SIA**

Order no.	Start per.	Finish period	Project	Customer	Page
3246	2024-11-11	2024-11-15		Interspiro AB	1 / 2

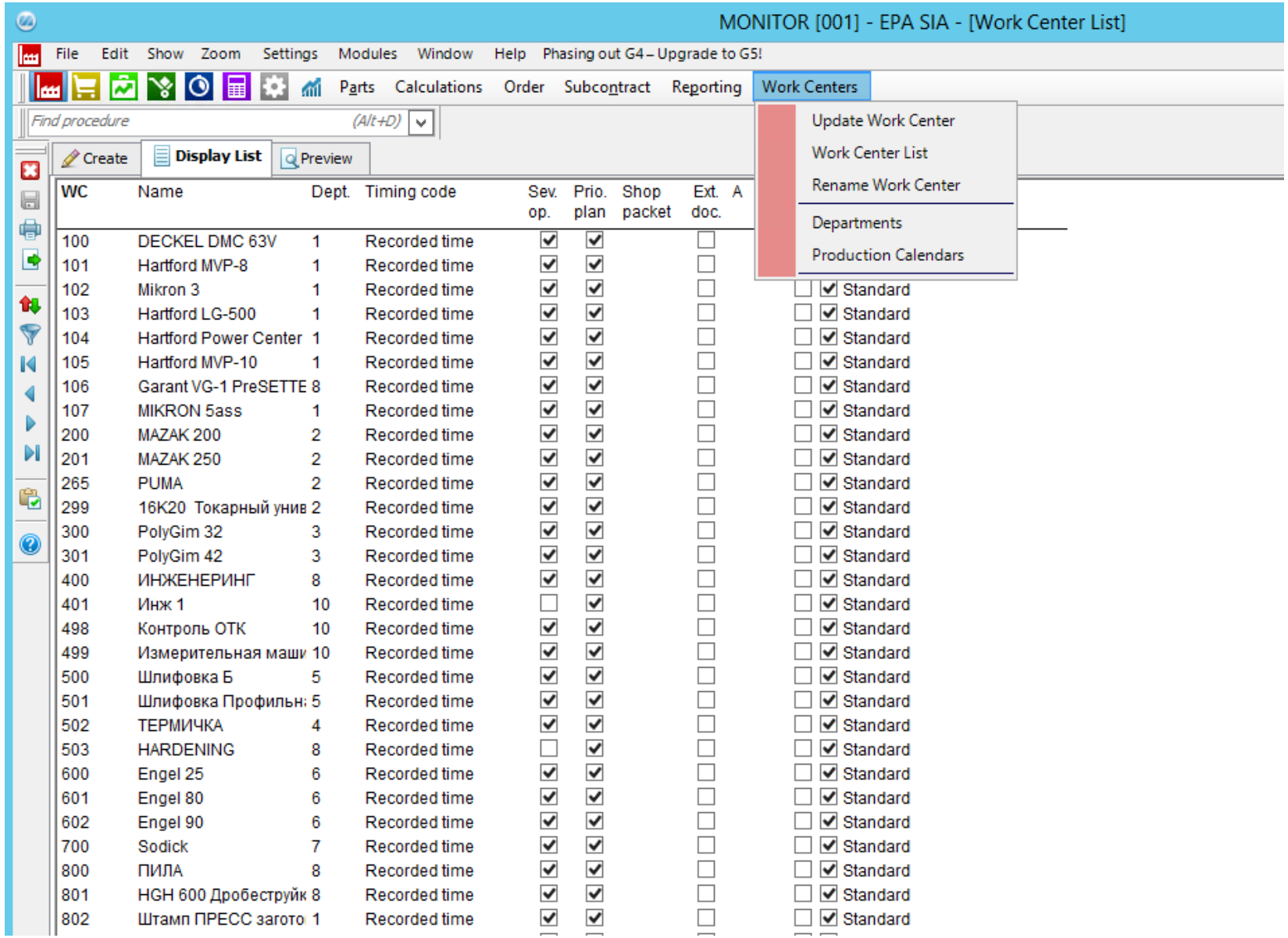
Part no.	Name	Type	Qty		Start per.	Finish period
33544-01.	Cone	M	2000.0	pcs	2024-11-11	2024-11-15

Op.	WC	Name	Setup time (min)	Unit time (min)	Total time (hrs.)	Report no.
1	400	ENGINEERING	30.00	0.00	0.50	**110168**
		Start per.:2024-11-11 Finish period:2024-11-11				
		Checking (Creation) of a Tech Card with selection of a Tools.				
2	400	ENGINEERING	30.00	0.00	0.50	**110166**
		Start per.:2024-11-11 Finish period:2024-11-11				
		Checking(Creation) of the Machining Programs.				
5	908	Logistics	15.00	0.00	0.25	**110164**
		Start per.:2024-11-11 Finish period:2024-11-11				
		Checking the availability (Ordering missing) of the Tools for Machining.				
6	908	Logistics	15.00	0.00	0.25	**110162**
		Start per.:2024-11-11 Finish period:2024-11-11				
		Receipt (Availability) of a complete set of Tools for Machining.				
9	908	Logistics	15.00	0.00	0.25	**110160**
		Start per.:2024-11-11 Finish period:2024-11-11				
		Ordering materials.				
10	905	Transport	*20*	*0.00* EUR	*20*	**110158**
		Start per.:2024-11-11 Finish period:2024-11-11				
		Receipt (Availability) of material.				
20	300	PolyGim 32	180.00	0.00	3.00	**110156**
		Start per.:2024-11-11 Finish period:2024-11-11				
		Machine SETUP: bar feeder + 1 spindle + 2 spindle.Tool preparation.Sample machining with Quality Control by the Operator according Tech. Card.				
21	300	PolyGim 32	0.00	1.50	50.00	**110154**
		Start per.:2024-11-11 Finish period:2024-11-15				
		Batch production. Operator quality control of every 5-th part according to the Tech Card.				
30	498	Quality control	60.00	0.00	1.00	**110152**

Technology, Preparation, Work Centers

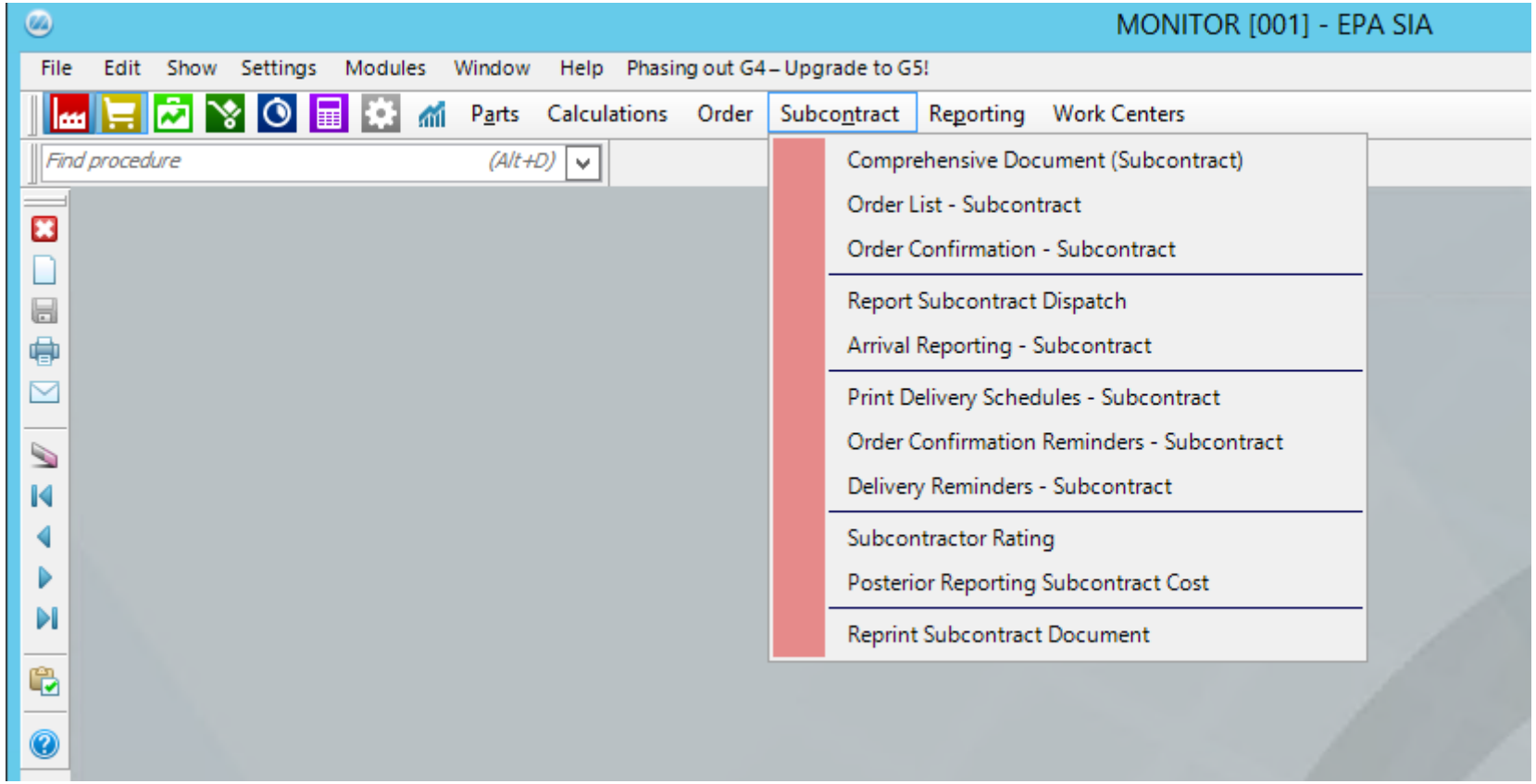


Work Center List

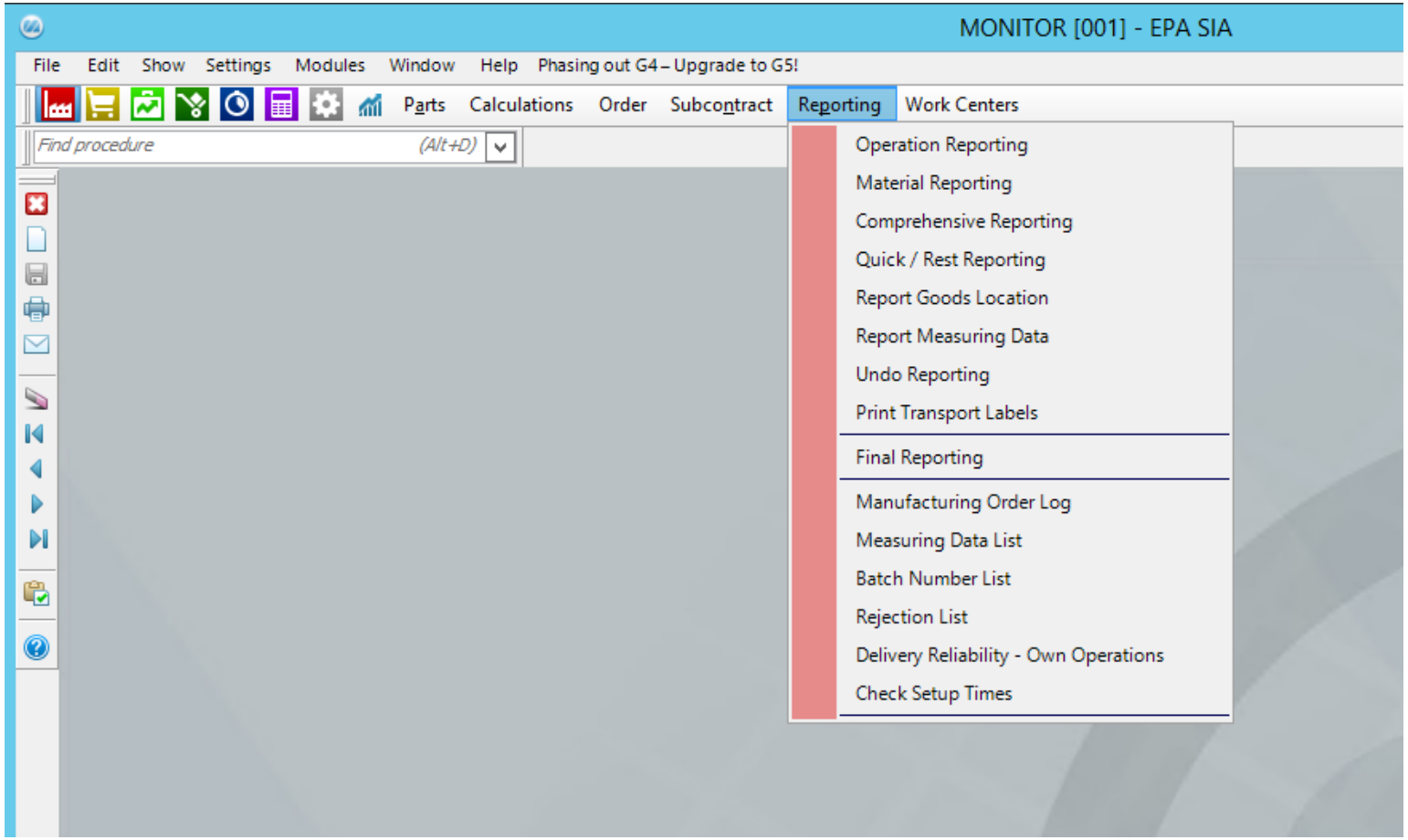


WC	Name	Dept.	Timing code	Sev. op.	Prio. plan	Shop packet	Ext. doc.	A		
100	DECKEL DMC 63V	1	Recorded time	☑	☑		☐		☐	☑ Standard
101	Hartford MVP-8	1	Recorded time	☑	☑		☐		☐	☑ Standard
102	Mikron 3	1	Recorded time	☑	☑		☐		☐	☑ Standard
103	Hartford LG-500	1	Recorded time	☑	☑		☐		☐	☑ Standard
104	Hartford Power Center	1	Recorded time	☑	☑		☐		☐	☑ Standard
105	Hartford MVP-10	1	Recorded time	☑	☑		☐		☐	☑ Standard
106	Garant VG-1 PreSETTE	8	Recorded time	☑	☑		☐		☐	☑ Standard
107	MIKRON 5ass	1	Recorded time	☑	☑		☐		☐	☑ Standard
200	MAZAK 200	2	Recorded time	☑	☑		☐		☐	☑ Standard
201	MAZAK 250	2	Recorded time	☑	☑		☐		☐	☑ Standard
265	PUMA	2	Recorded time	☑	☑		☐		☐	☑ Standard
299	16K20 Токарный унив	2	Recorded time	☑	☑		☐		☐	☑ Standard
300	PolyGim 32	3	Recorded time	☑	☑		☐		☐	☑ Standard
301	PolyGim 42	3	Recorded time	☑	☑		☐		☐	☑ Standard
400	ИНЖЕНЕРИНГ	8	Recorded time	☑	☑		☐		☐	☑ Standard
401	Инж 1	10	Recorded time	☐	☑		☐		☐	☑ Standard
498	Контроль ОТК	10	Recorded time	☑	☑		☐		☐	☑ Standard
499	Измерительная маши	10	Recorded time	☑	☑		☐		☐	☑ Standard
500	Шлифовка Б	5	Recorded time	☑	☑		☐		☐	☑ Standard
501	Шлифовка Профильн	5	Recorded time	☑	☑		☐		☐	☑ Standard
502	ТЕРМИЧКА	4	Recorded time	☑	☑		☐		☐	☑ Standard
503	HARDENING	8	Recorded time	☐	☑		☐		☐	☑ Standard
600	Engel 25	6	Recorded time	☑	☑		☐		☐	☑ Standard
601	Engel 80	6	Recorded time	☑	☑		☐		☐	☑ Standard
602	Engel 90	6	Recorded time	☑	☑		☐		☐	☑ Standard
700	Sodick	7	Recorded time	☑	☑		☐		☐	☑ Standard
800	ПИЛА	8	Recorded time	☑	☑		☐		☐	☑ Standard
801	HGH 600 Дробеструйк	8	Recorded time	☑	☑		☐		☐	☑ Standard
802	Штамп ПРЕСС загото	1	Recorded time	☑	☑		☐		☐	☑ Standard

Subcontracting



Work Report


MONITOR [001] - EPA SIA
File
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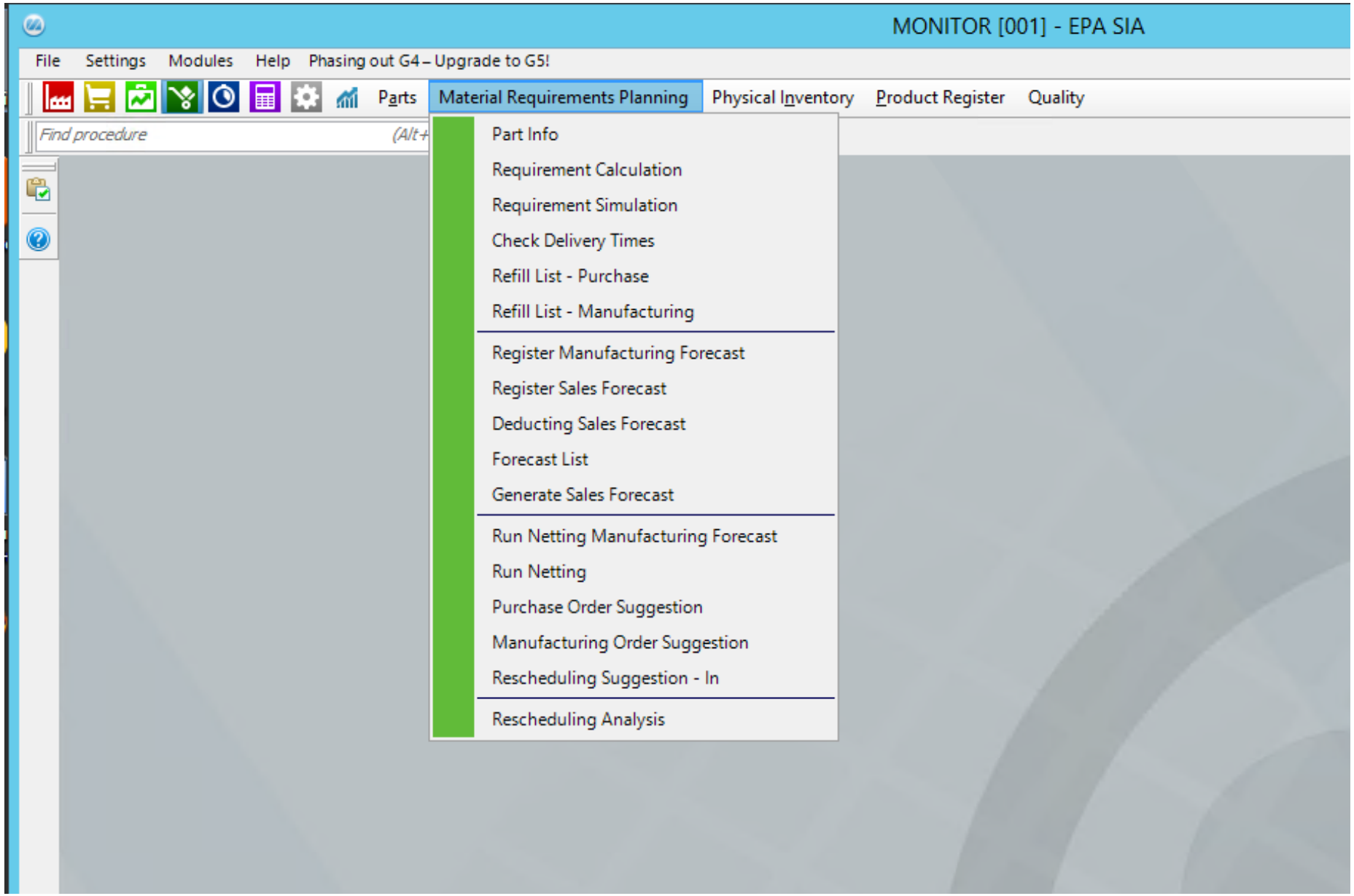
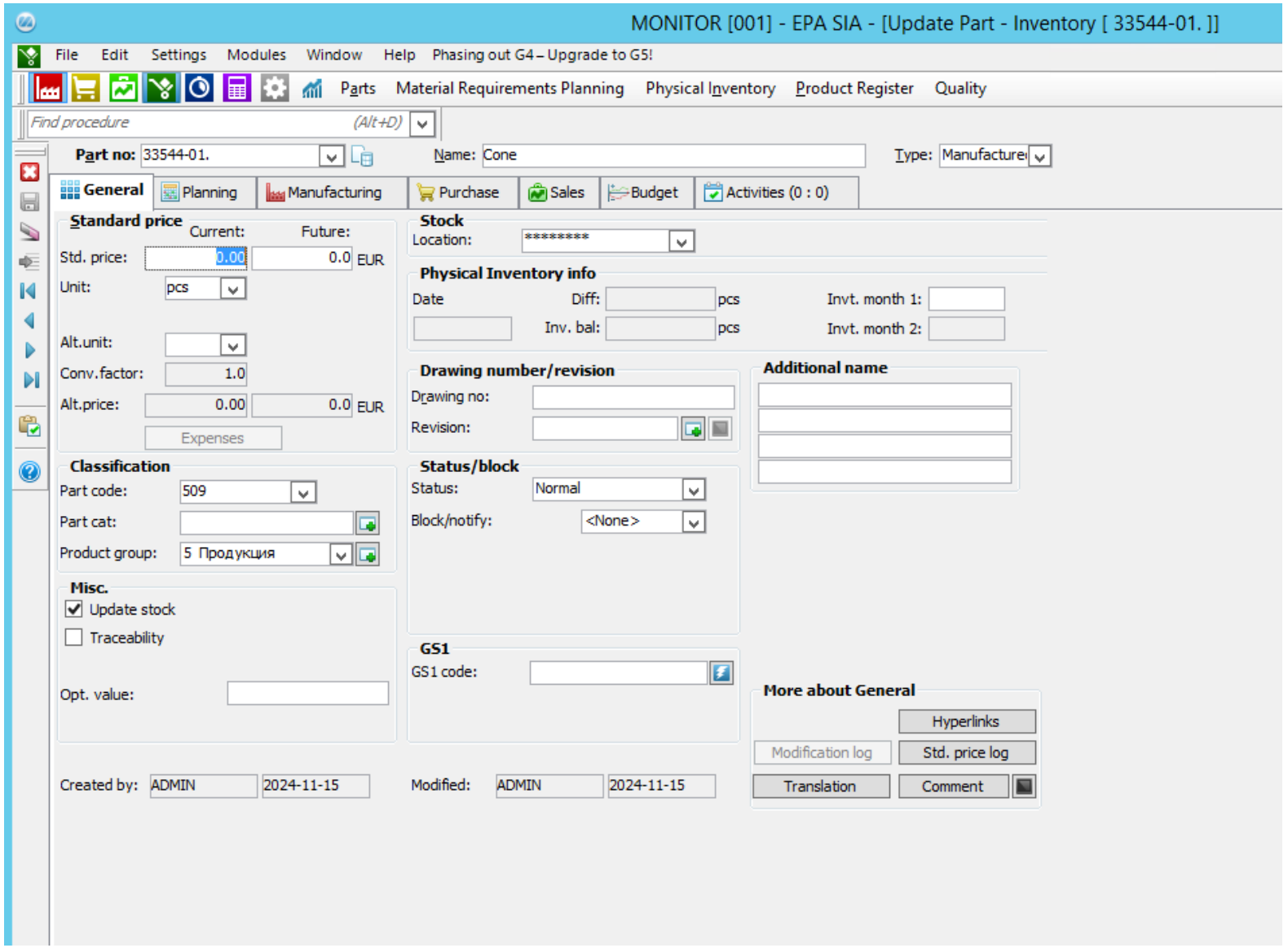
Phasing out G4 – Upgrade to G5!
Parts
Calculations
Order
Subcontract
Reporting
Work Centers
Find procedure
(Alt+D)
Operation Reporting
Material Reporting
Comprehensive Reporting
Quick / Rest Reporting
Report Goods Location
Report Measuring Data
Undo Reporting
Print Transport Labels
Final Reporting
Manufacturing Order Log
Measuring Data List
Batch Number List
Rejection List
Delivery Reliability - Own Operations
Check Setup Times

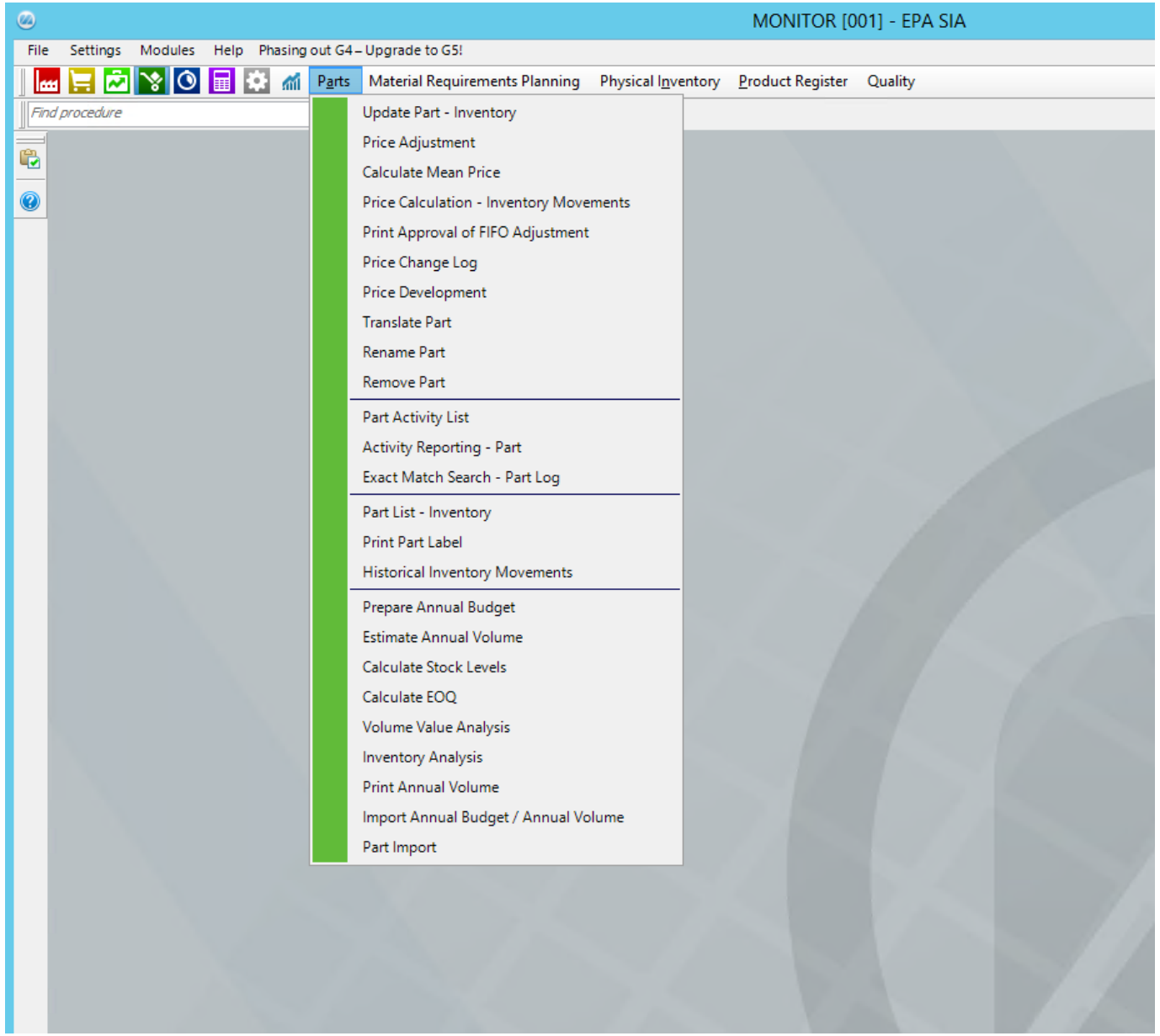
Inventory, Material Planning



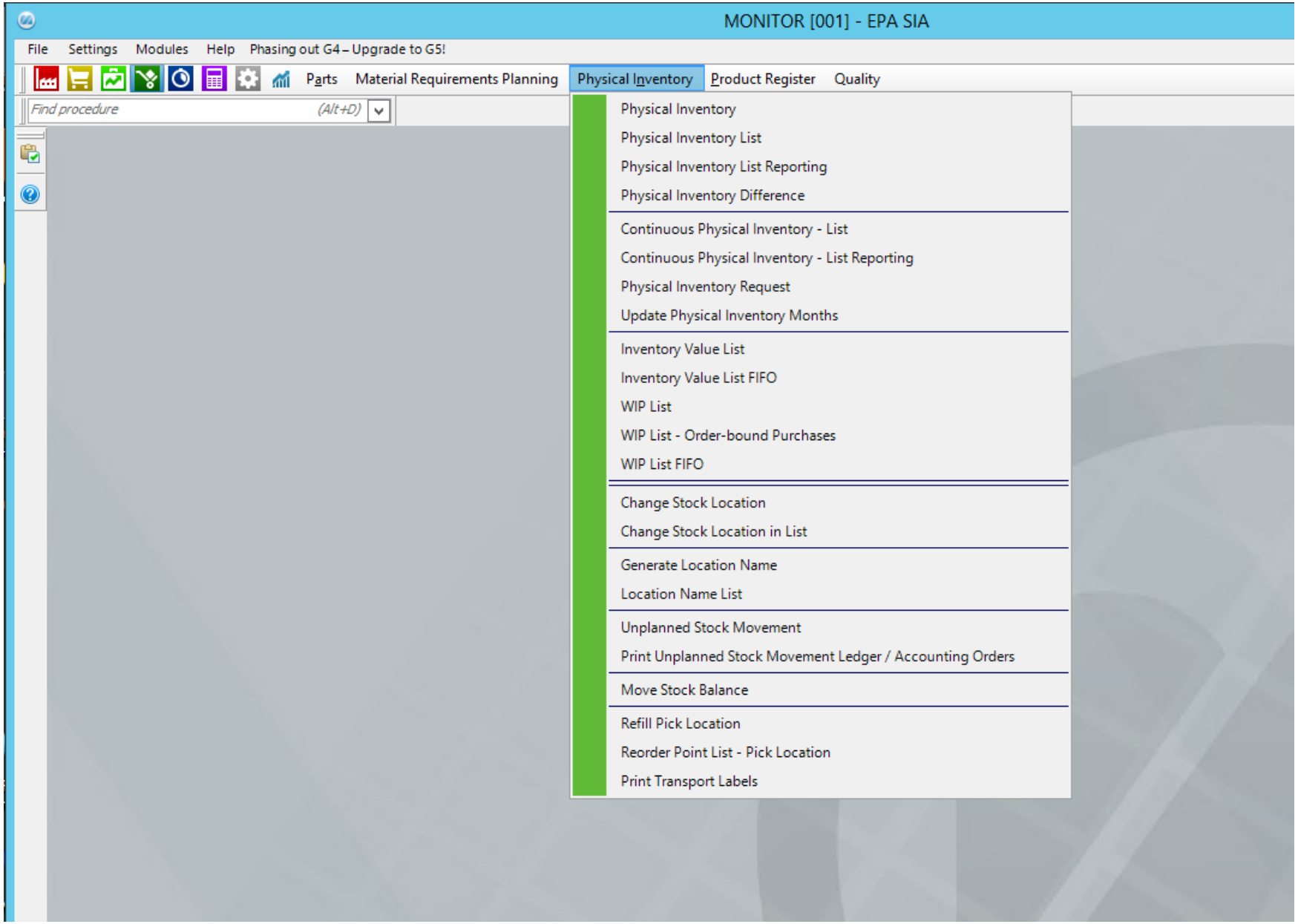
Part Inventory



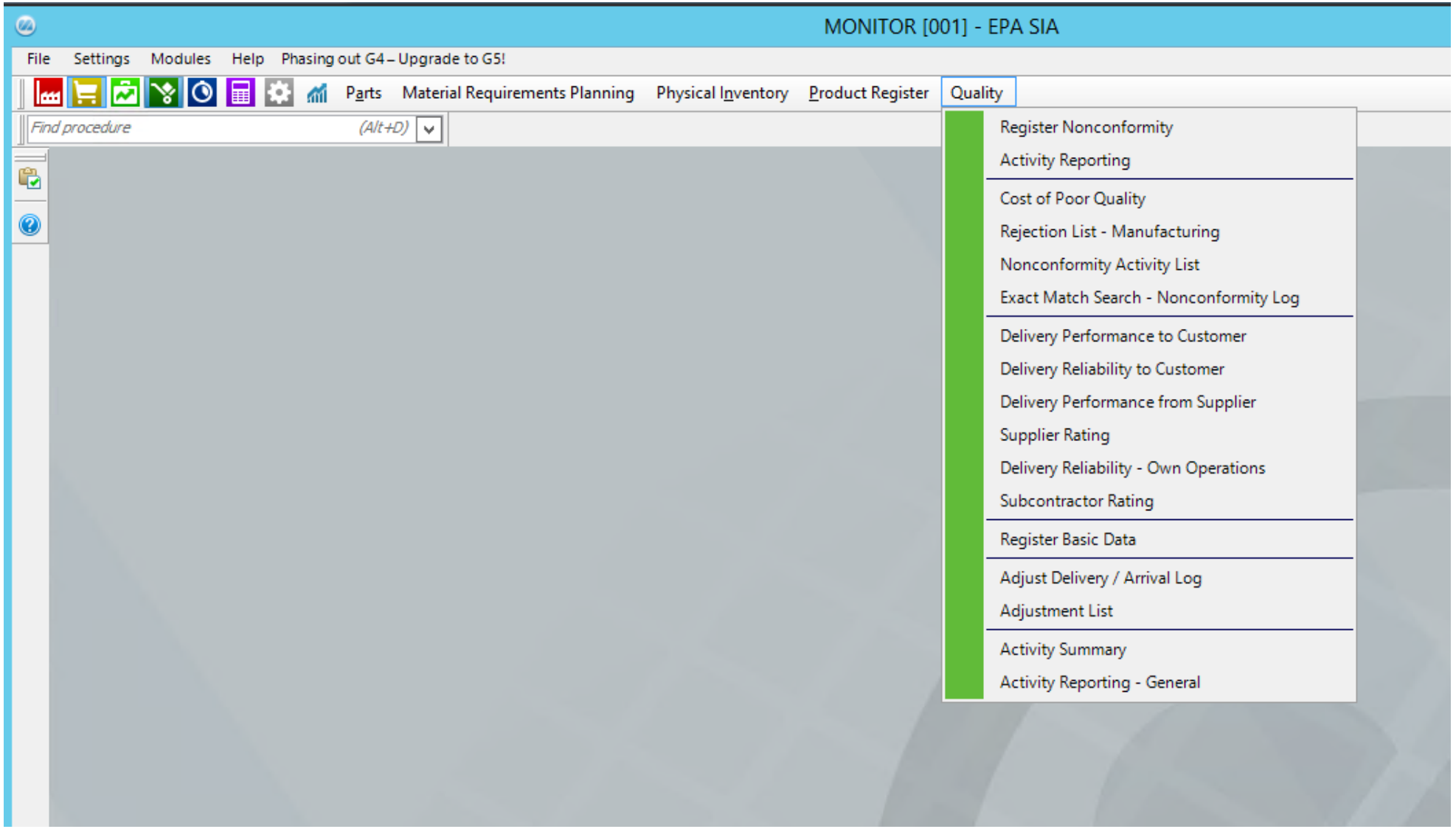
Inventory Part



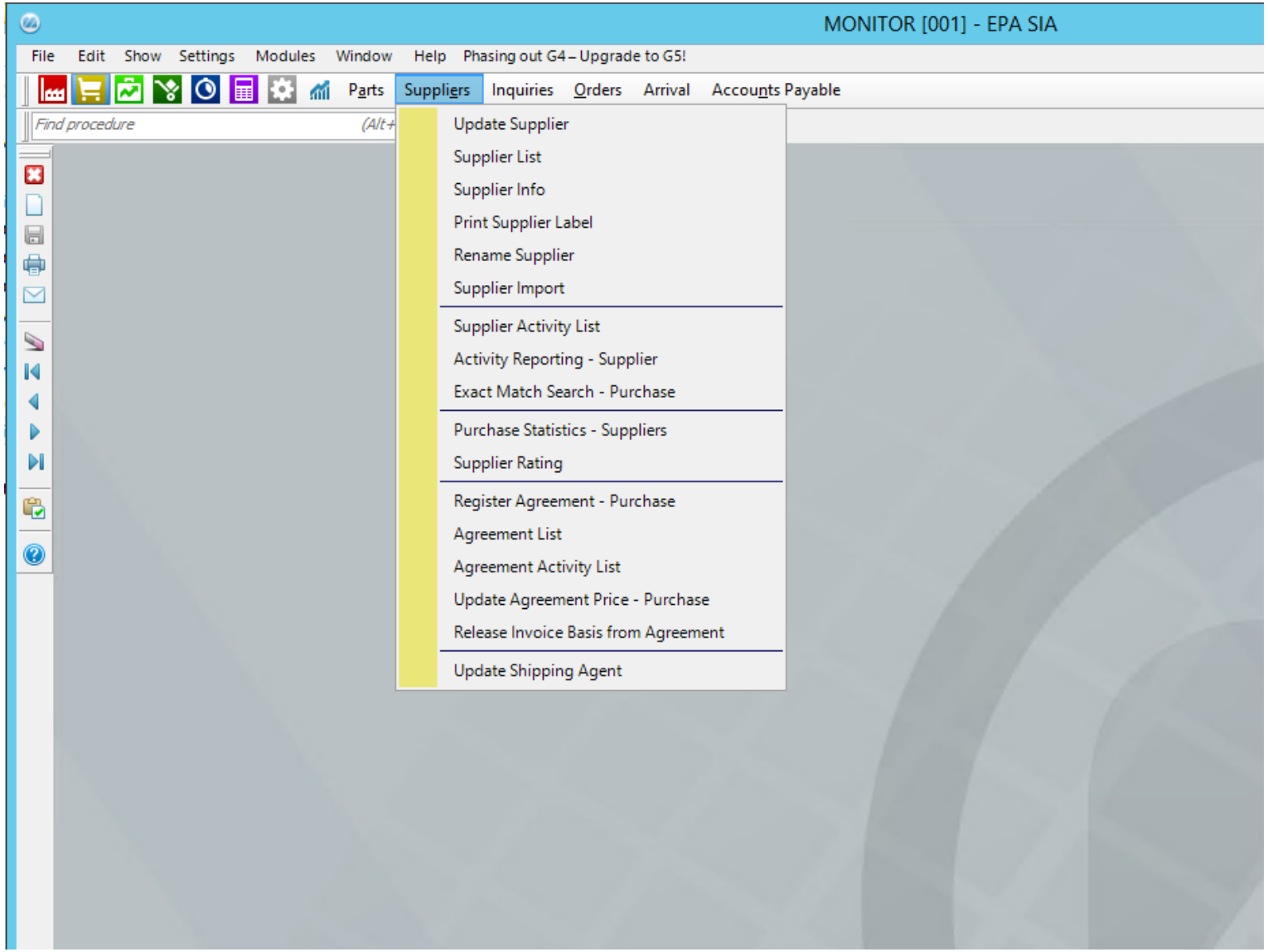
Physical Inventory



Supplier Rating



Supplier


MONITOR [001] - EPA SIA
File
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Parts
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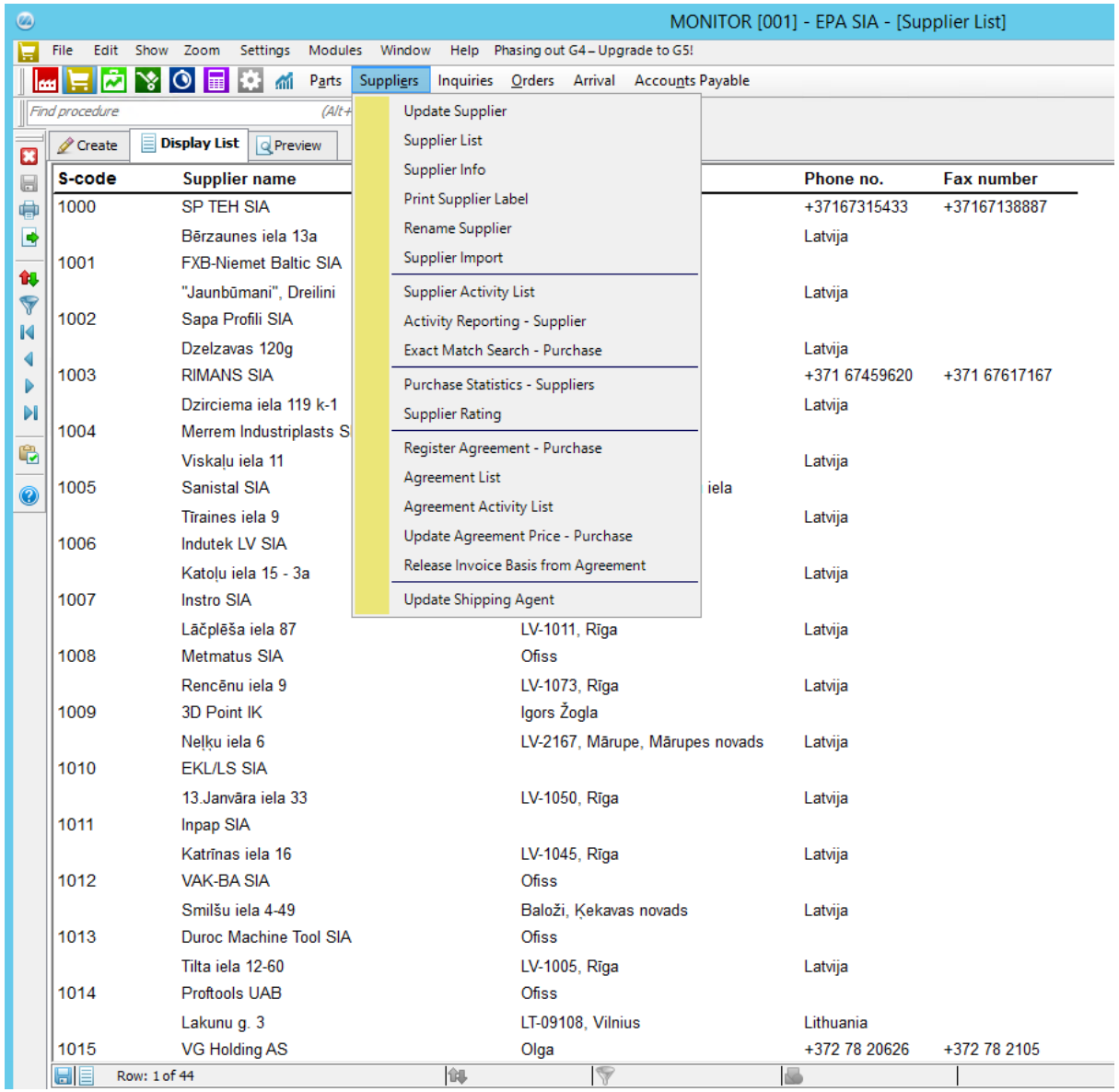
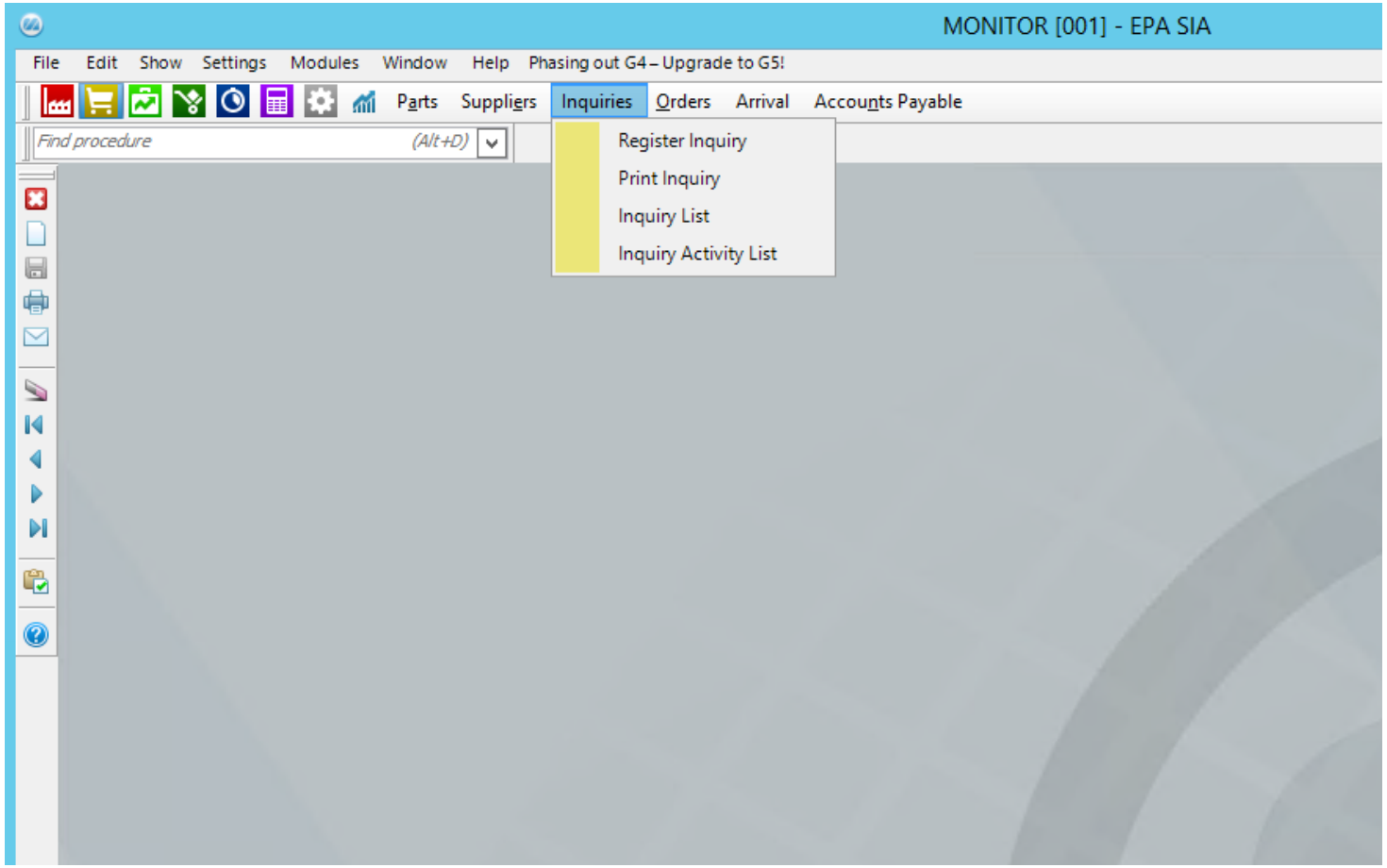
Inquiries
Orders
Arrival
Accounts Payable
Find procedure
Update Supplier
Supplier List
Supplier Info
Print Supplier Label
Rename Supplier
Supplier Import
Supplier Activity List
Activity Reporting - Supplier
Exact Match Search - Purchase
Purchase Statistics - Suppliers
Supplier Rating
Register Agreement - Purchase
Agreement List
Agreement Activity List
Update Agreement Price - Purchase
Release Invoice Basis from Agreement
Update Shipping Agent

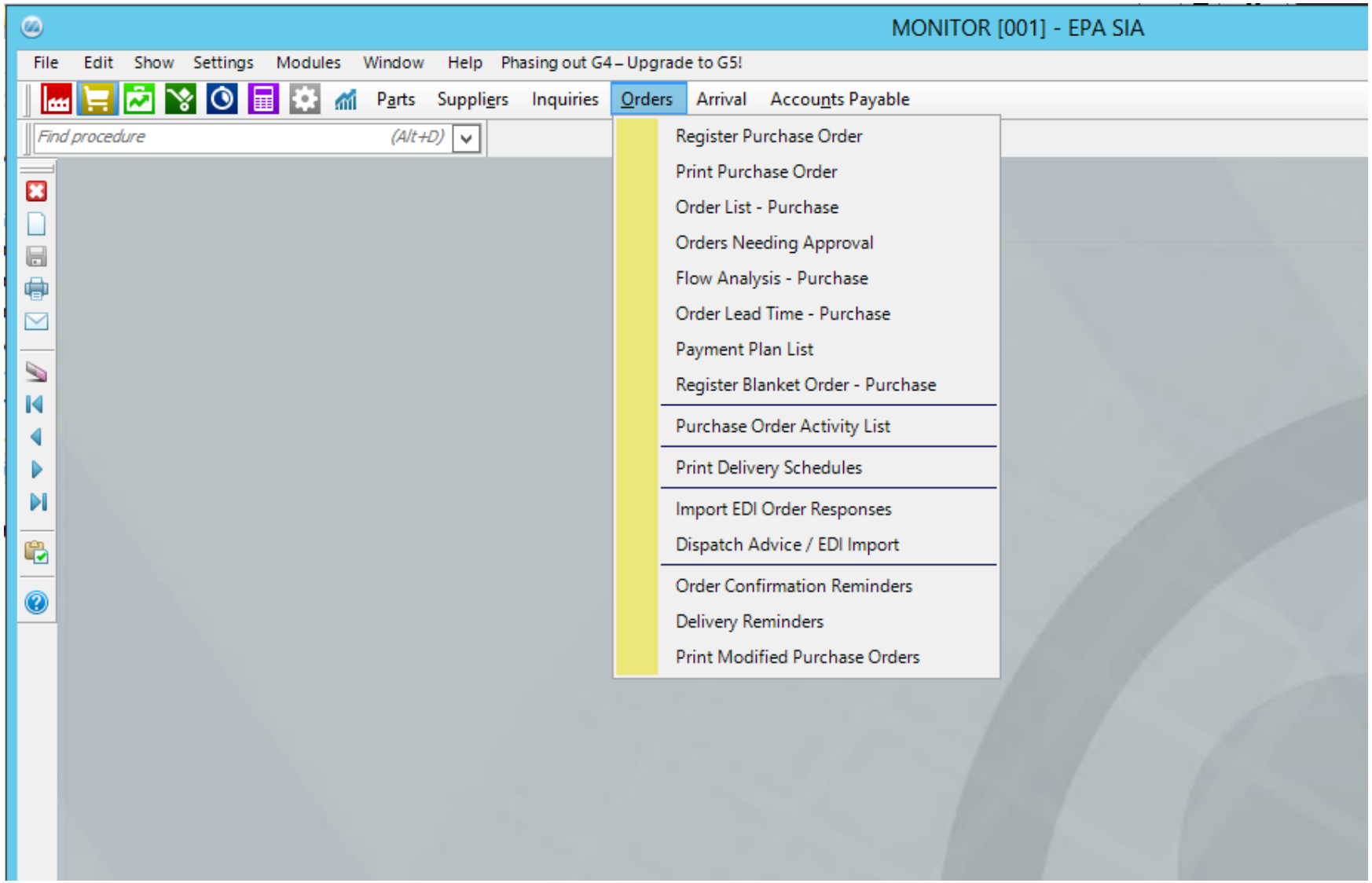
Supplier List



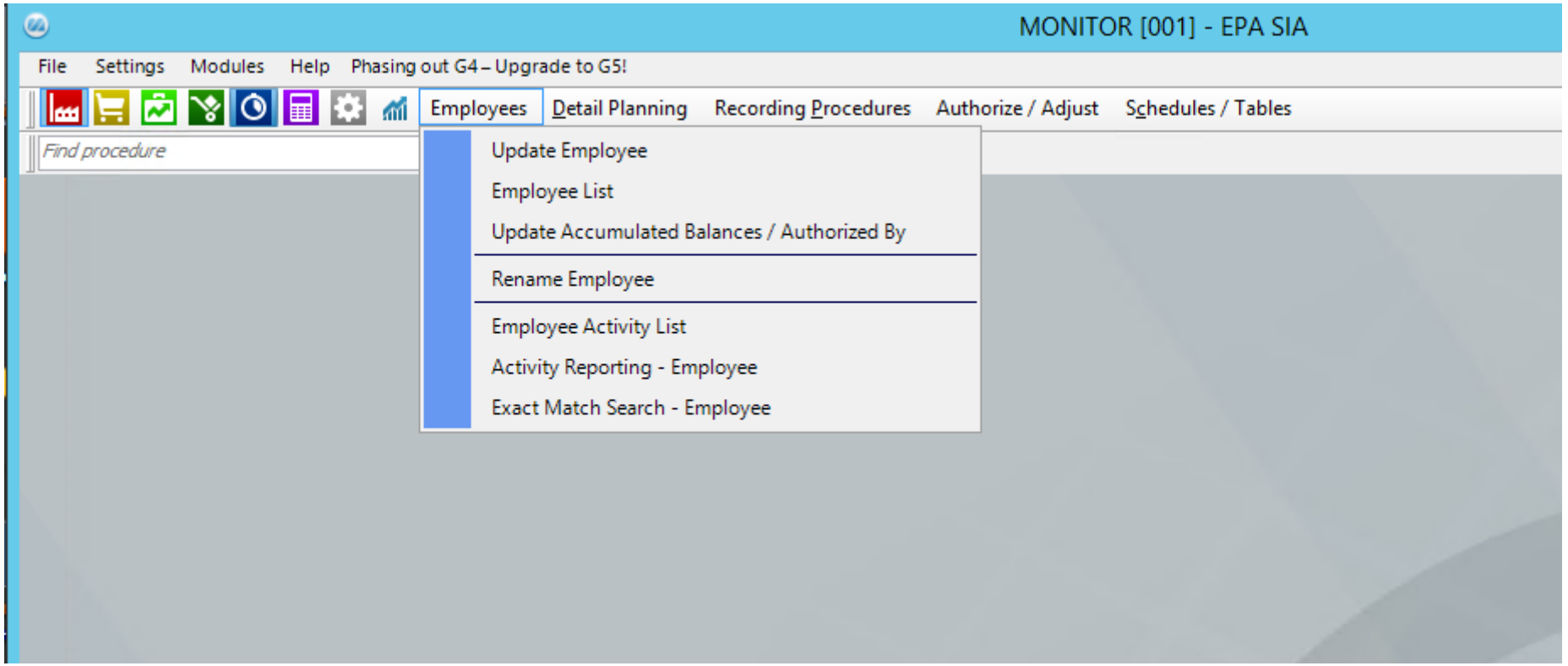
Supplier Inquiry



Supplier Purchase Order



Employees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File
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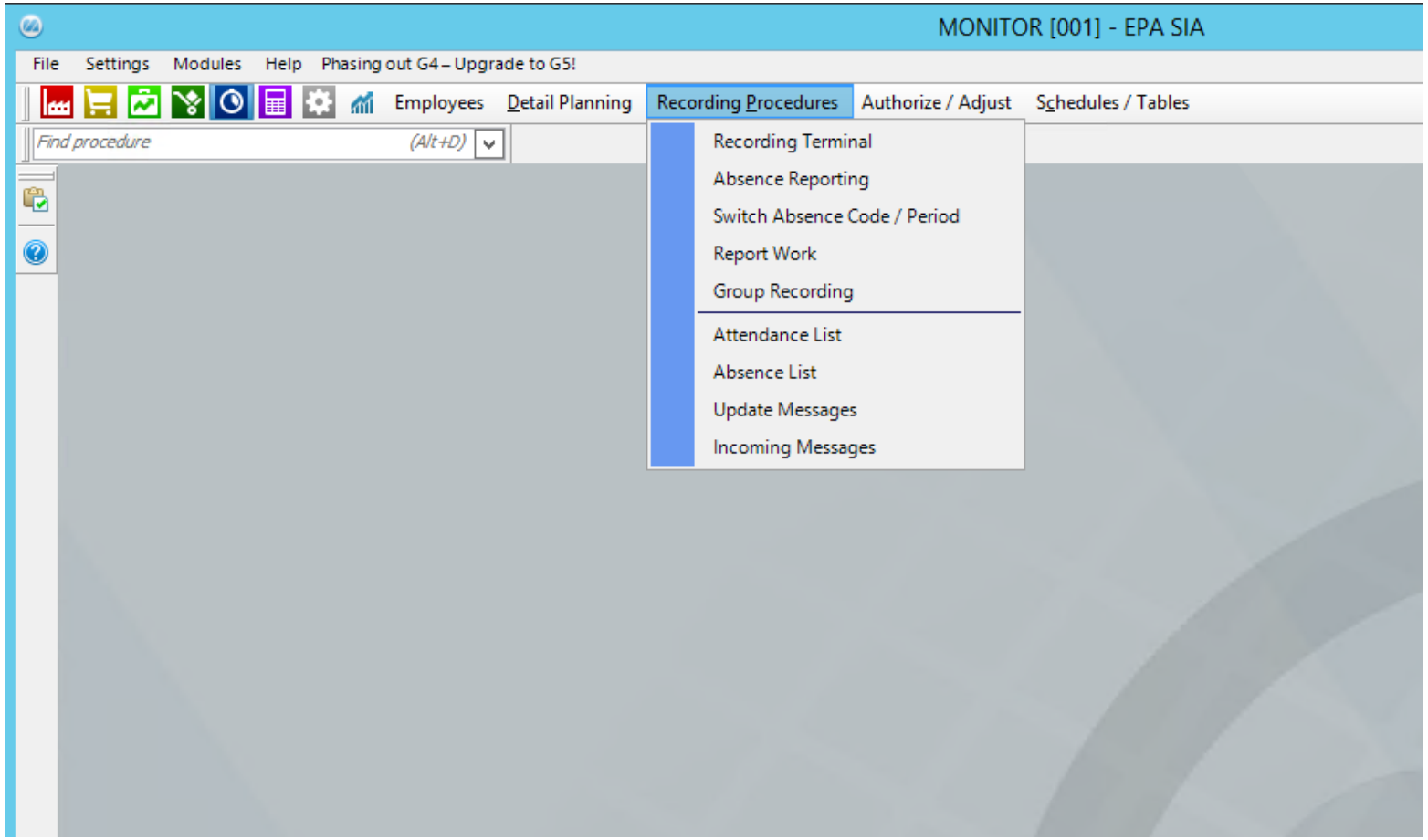
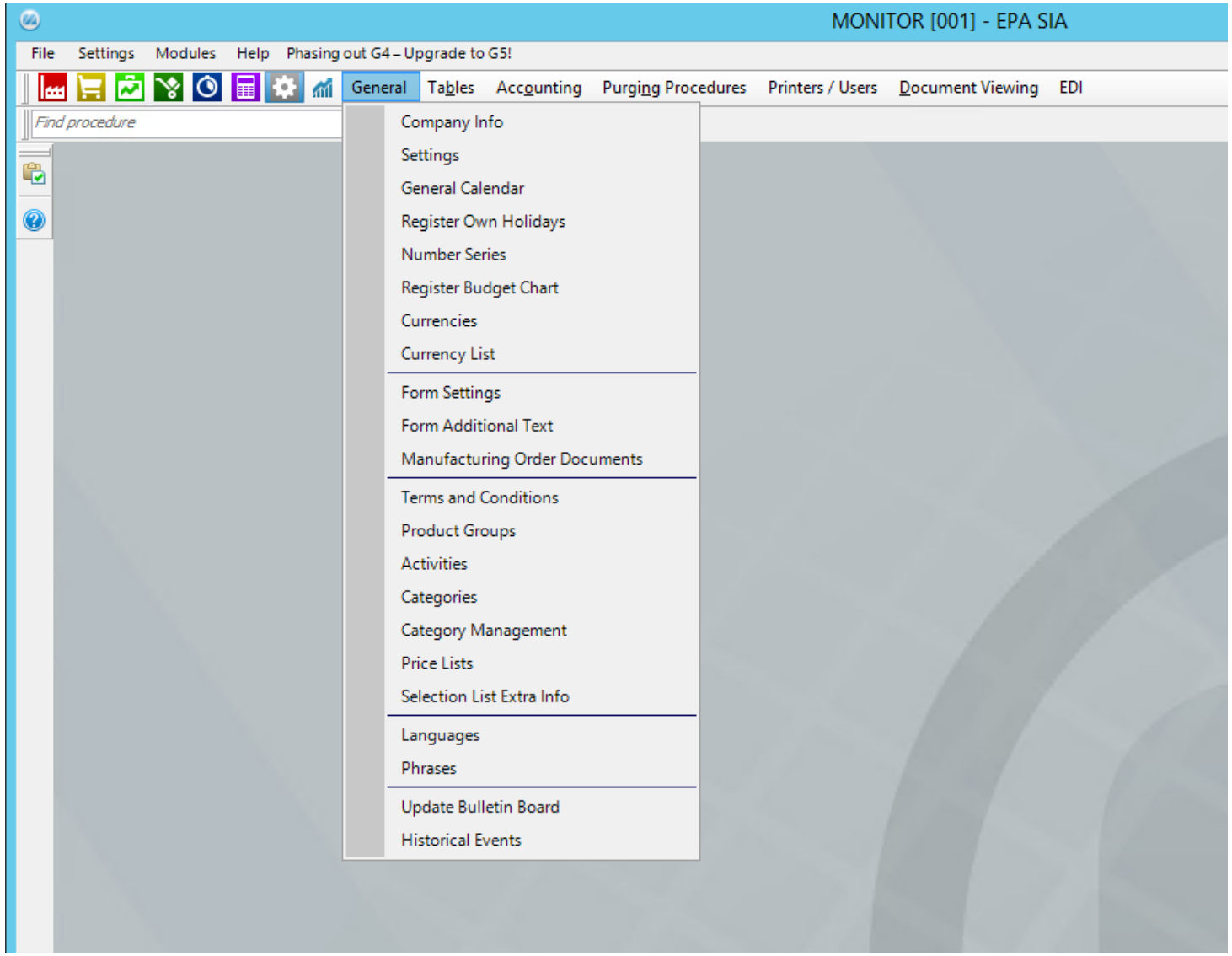
Employees
Detail Planning
Recording Procedures
Authorize / Adjust
Schedules / Tables
Find procedure
Update Employee
Employee List
Update Accumulated Balances / Authorized By
Rename Employee
Employee Activity List
Activity Reporting - Employee
Exact Match Search - Employee

Terminal Work Reporting

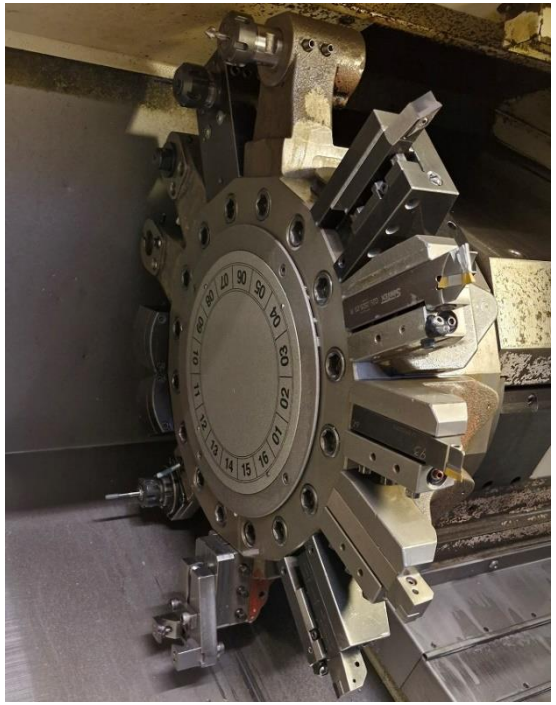


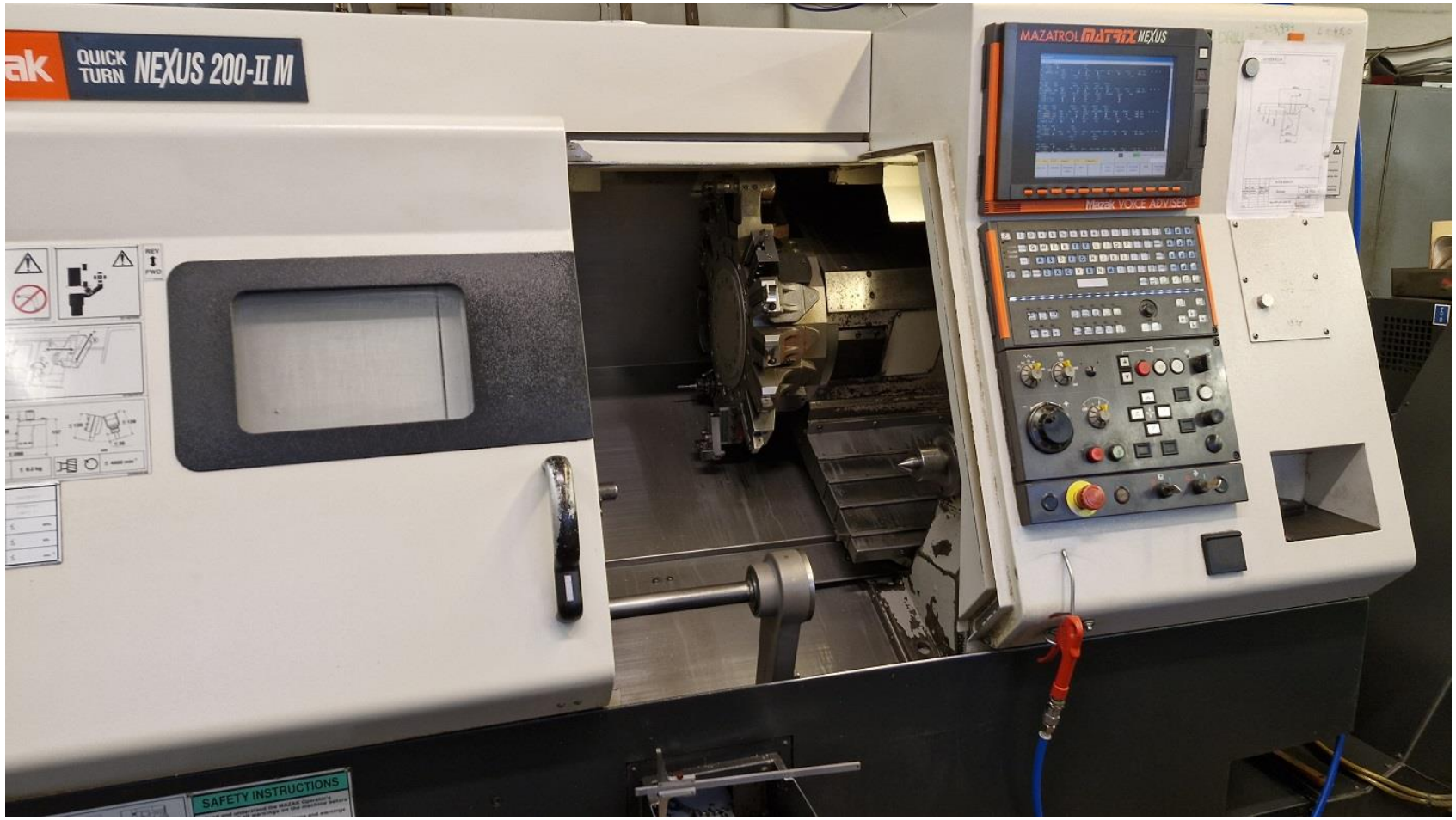
System Setting



Equipment for production:
CNC Turning centre Mazak QuickTurn Nexus 200-II M

16 pcs driven (stationary) tool holder
Through hole diameter - 65 mm
Max part dimensions - D=380 mm, L=530 mm
Repeatability - within 5 microns
CNC – Mazatrol Matrix
Coolant pressure - 7 bar.





CNC Turning-milling centre PUMA TT 1800SY.

24 pcs driven with Y-axis (stationary) tool holder for 1 spindle
24 pcs driven (stationary) tool holder for 2 spindle
Through hole diameter - 65 mm
Max part dimensions - D=230 mm, L=230 mm
Repeatability - within 5 microns
CNC –Siemens 840 NC
Coolant pressure - 70 bar.

CNC 5-axis Milling machine Mikron UCP710.

30 pcs tools HSK-63
Spindle speed – 20.000 r.p.m.
X/Y/Z-axis travel - 710/500/500 mm
A (4 axis) = -30gr. + 120 gr., C (5 axis) = 360 gr.
Max part weight - 700 kg
Repeatability - within 5 microns (linear encoders Heidenhain)
CNC – Heidenhain TNC 430M

CNC Milling Vertical machining centre Hartford MVP 10.

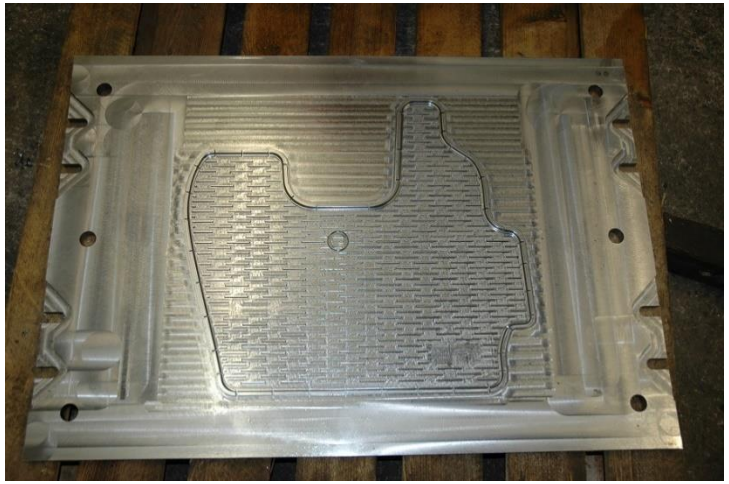
30 pcs tools
X/Y/Z-axis travel - 1100/530/610 mm
Max part weight - 500 kg
Repeatability - within 5 microns (linear encoders Heidenhain)
CNC – Fanuc 18i
Machining capability – 4 axis.

CNC Milling Vertical machining centre Hartford MVP 8.

24 pcs tools
X/Y/Z-axis travel - 860/530/610 mm
Max part weight - 500 kg
Repeatability - within 5 microns (linear encoders Heidenhain)
CNC – Fanuc 18i
Machining capability – 4 axis.

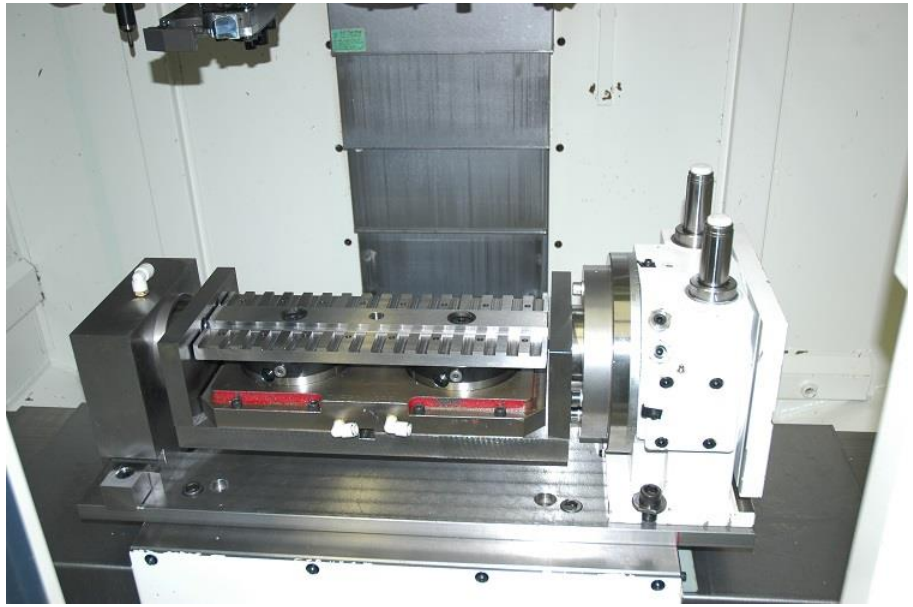
CNC Milling Vertical machining centre Hartford PRO-1000AG.

24 pcs tools
X/Y/Z-axis travel - 1000/600/630 mm
Max part weight - 700 kg
Repeatability - within 10 microns
CNC – Heidenhain 530
Machining capability – 3 axis.



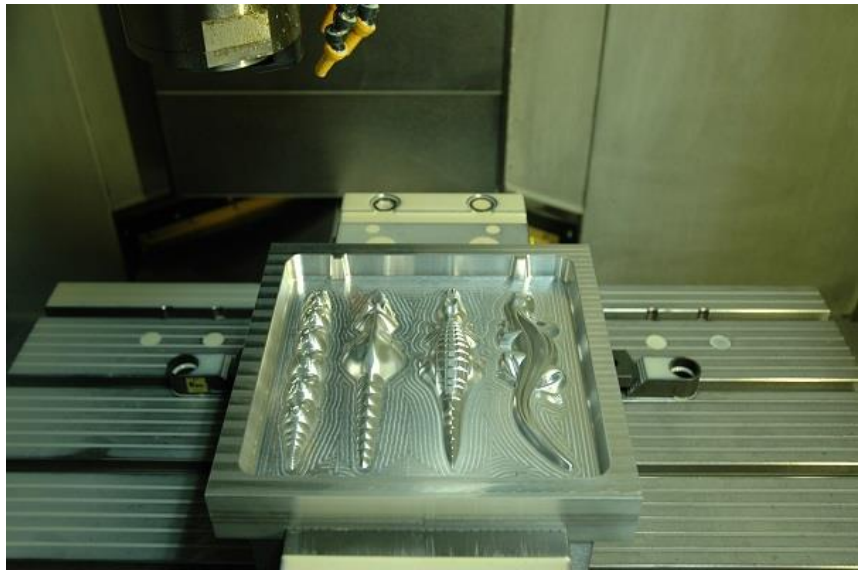
CNC Milling Vertical machining centre Hartford LG-500.

24 pcs tools
X/Y/Z-axis travel - 520/420/450 mm
Max part weight - 300 kg
Repeatability - within 10 microns
CNC – Heidenhain 620
Machining capability – 3 axis.



CNC Milling Vertical machining centre Deckel-Maho DMC 63V.

24 pcs tools
X/Y/Z-axis travel - 640/500/500 mm
Max part weight - 450 kg
Repeatability - within 5 microns (linear encoders Heidenhain)
CNC – Fanuc 180i MB
Machining capability – 3 axis.



SWISS TYPE CNC turning-milling machine POLYGIME CSB32II.

Main spindle:
- 6 pcs O.D. turning tool holder
- 4 pcs I.D. stationary tool holder
- 6 pcs cross working driven tool holder
- 3 pcs front working driven tool holder

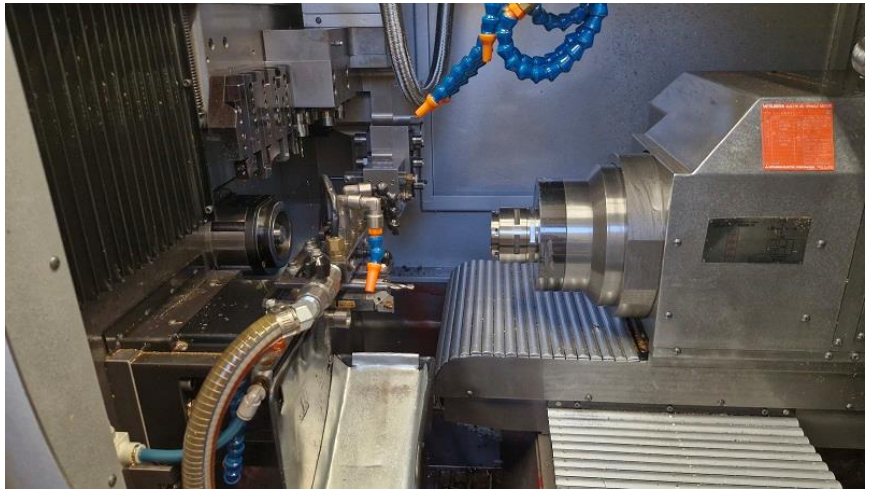
Machining axis: Z + X + У + C (repeatability – within 5 microns, 0.001 degree indexing).

Back spindle:
- 4 pcs I.D. stationary tool holder
- 3 pcs back working driven tool holder
- 4 pcs back I.D. stationary/working driven tool holder

Machining axis: Z + X + C (repeatability – within 5 microns , 0.001 degree indexing).

Max turning diameter – 32 mm.

Max machining length – 250 mm.



SWISS TYPE CNC turning-milling machine POLYGIME CSB42II.

Main spindle:
- 5 pcs O.D. turning tool holder
- 4 pcs I.D. stationary tool holder
- 6 pcs cross working driven tool holder
- 3 pcs front working driven tool holder

Machining axis: Z + X + Y + C (repeatability – within 5 microns, 0.001 degree indexing).

Back spindle:
- 4 pcs I.D. stationary tool holder
- 3 pcs back working driven tool holder
- 4 pcs back I.D. stationary/working driven tool holder

Machining axis: Z + X + C (repeatability – within 5 microns, 0.001 degree indexing).

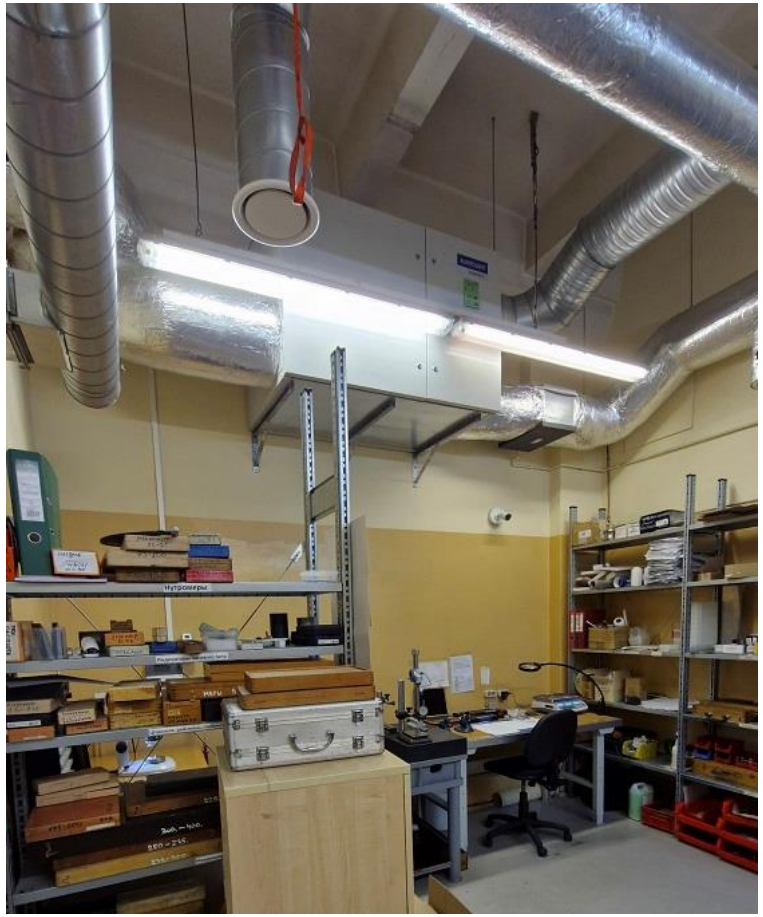
Max turning diameter – 42 mm.

Max machining length – 250 mm.

CNC 3D Measuring machine DEA Global Silver Perfomance 07.10.07.

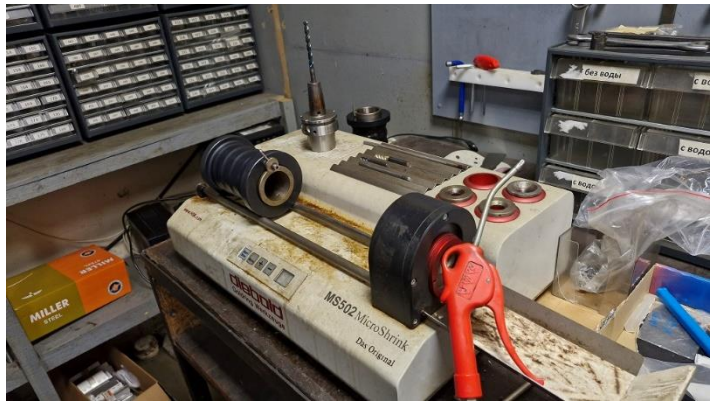
X/Y/Z-axis travel - 700/1000/650 mm
Accuracity – 1,9 microns
Climate control room

Climate Control Room + Microscope + Surface roughness measurement device + Calibers + measures devices.

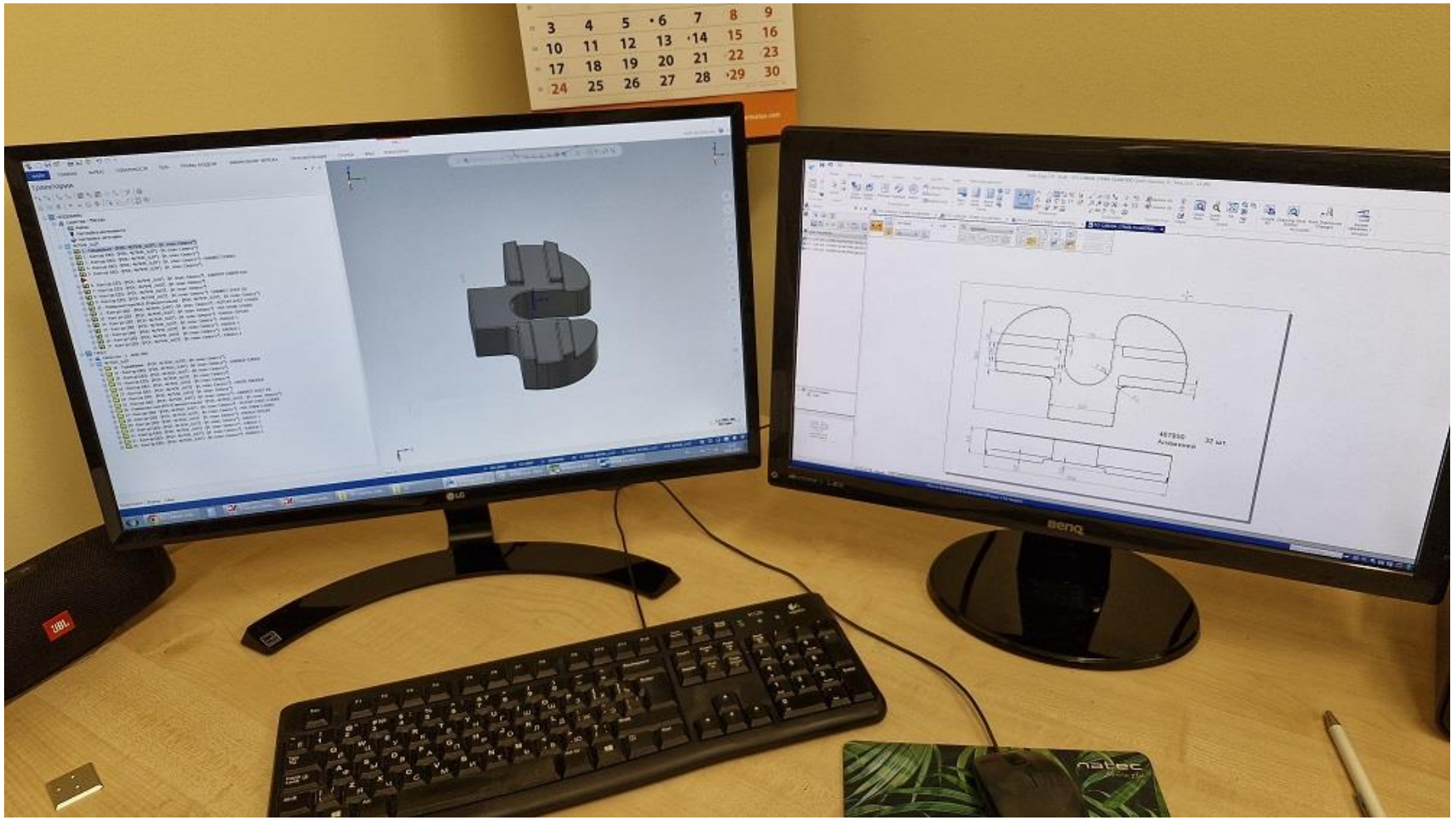


Tool Warehouse + Tool Preparation

We are using computer system Garant 24 for tool warehouse + PreSetter Garant for tool measuring.



Solid Works, Solid Edge and MasterCam CAD/CAM programs.

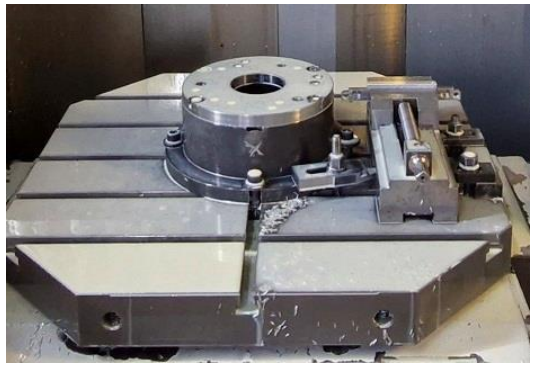


Material warehouse

We mark the material upon receipt from Suppliers.

Plane grinding machines + Palletes

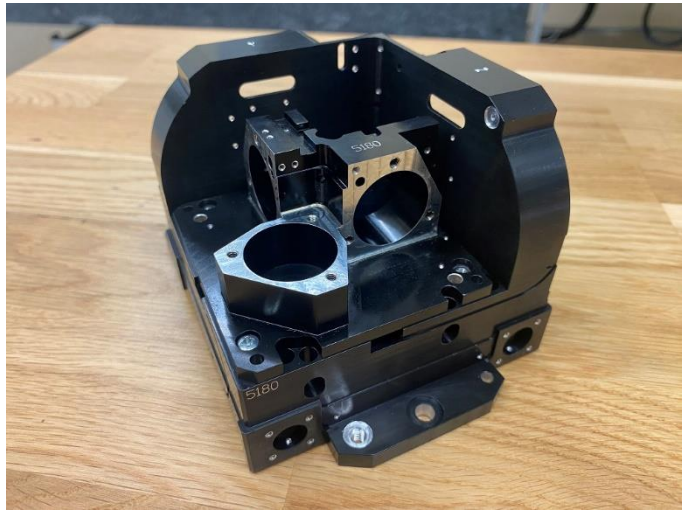
LANG

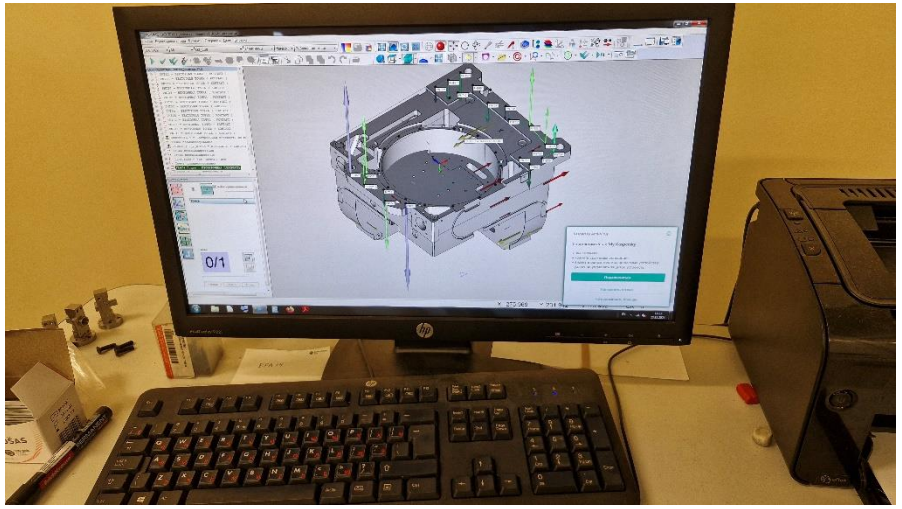


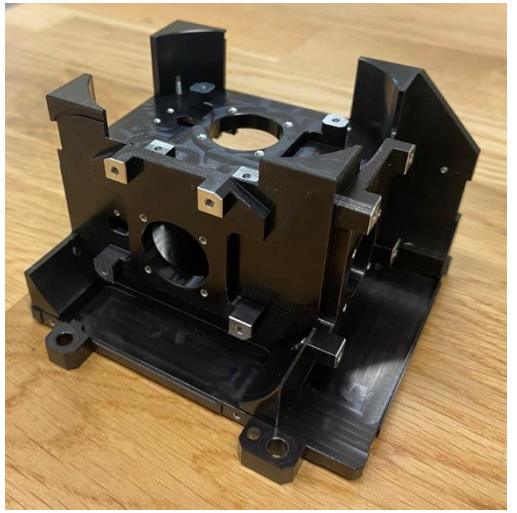
OML

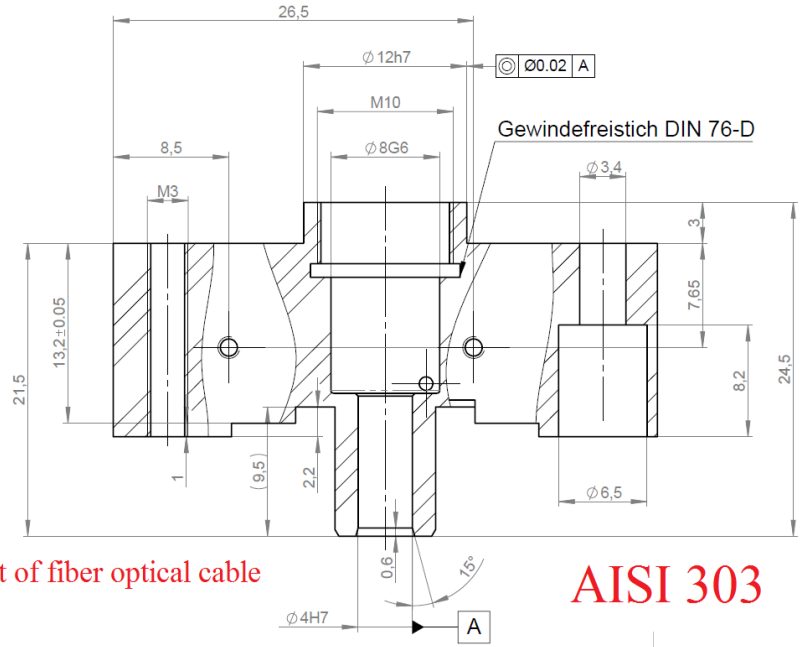
OML

Samples of produced parts



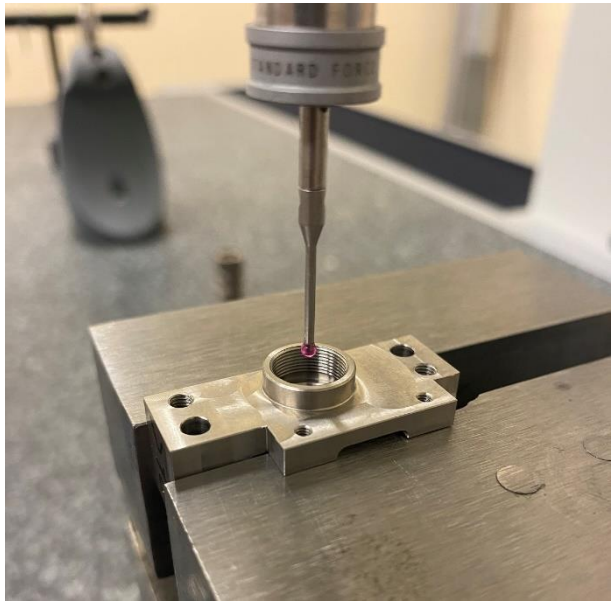






Part of fiber optical cable

AISI 303



Samples of produced parts