Mauritius Revenue Authority (MRA) Integration Guide

by

EBT Middle East LLC

Prepared by:
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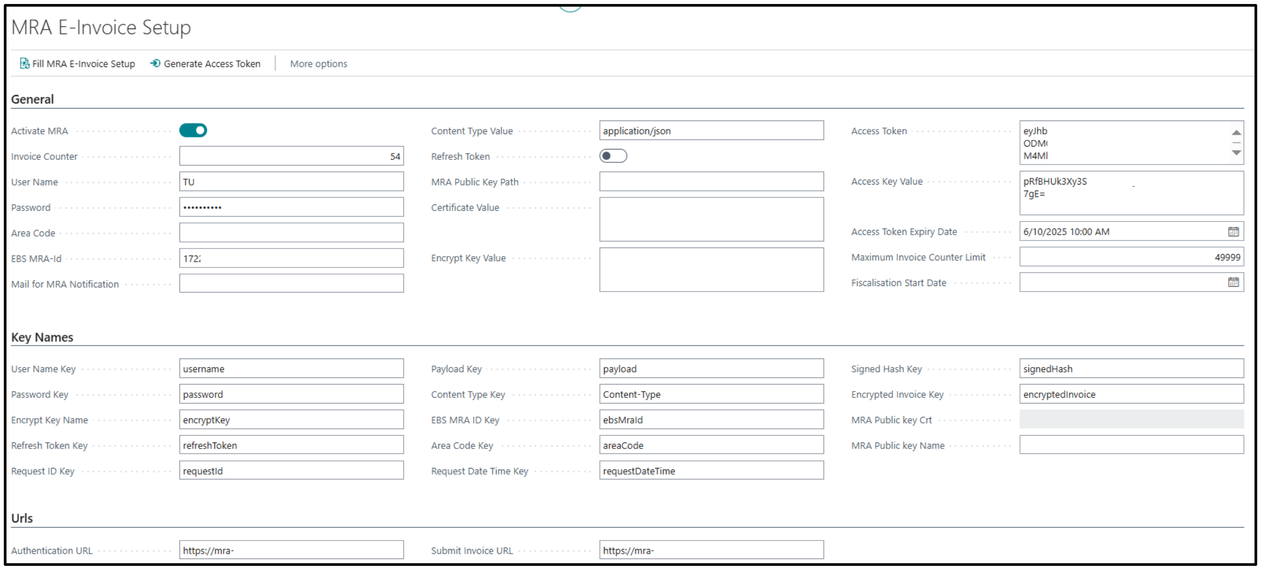
Contents

Prerequisites for MRA Functionality

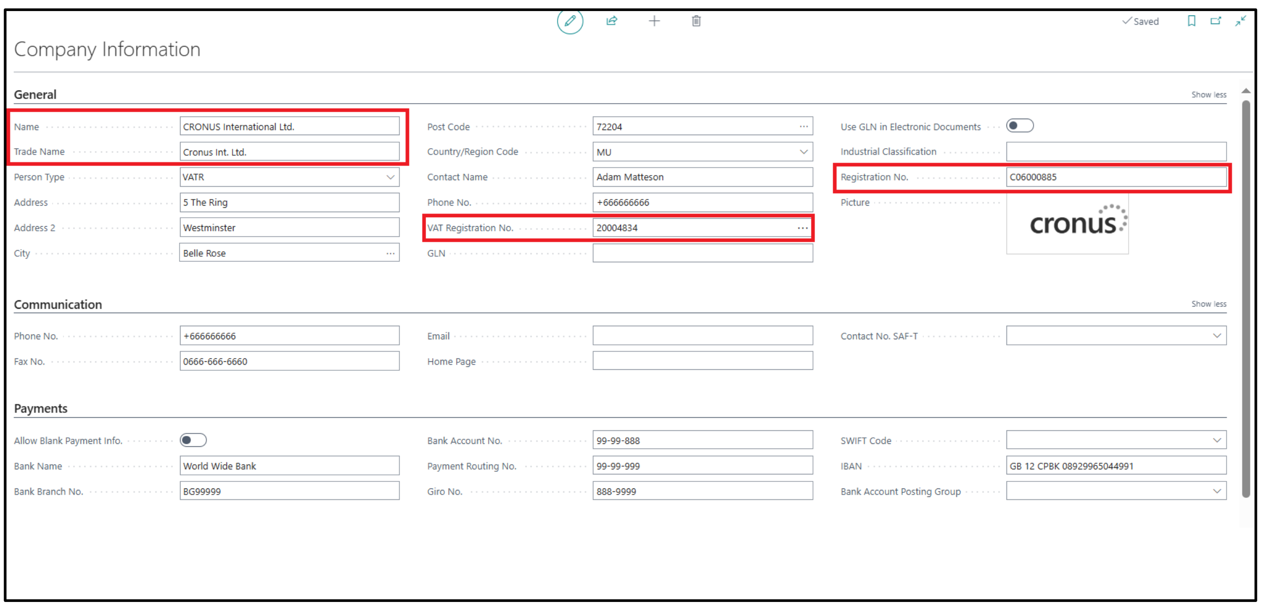
For MRA to function correctly, the following setups and updates are required:

1. MRA E-Invoice Setup



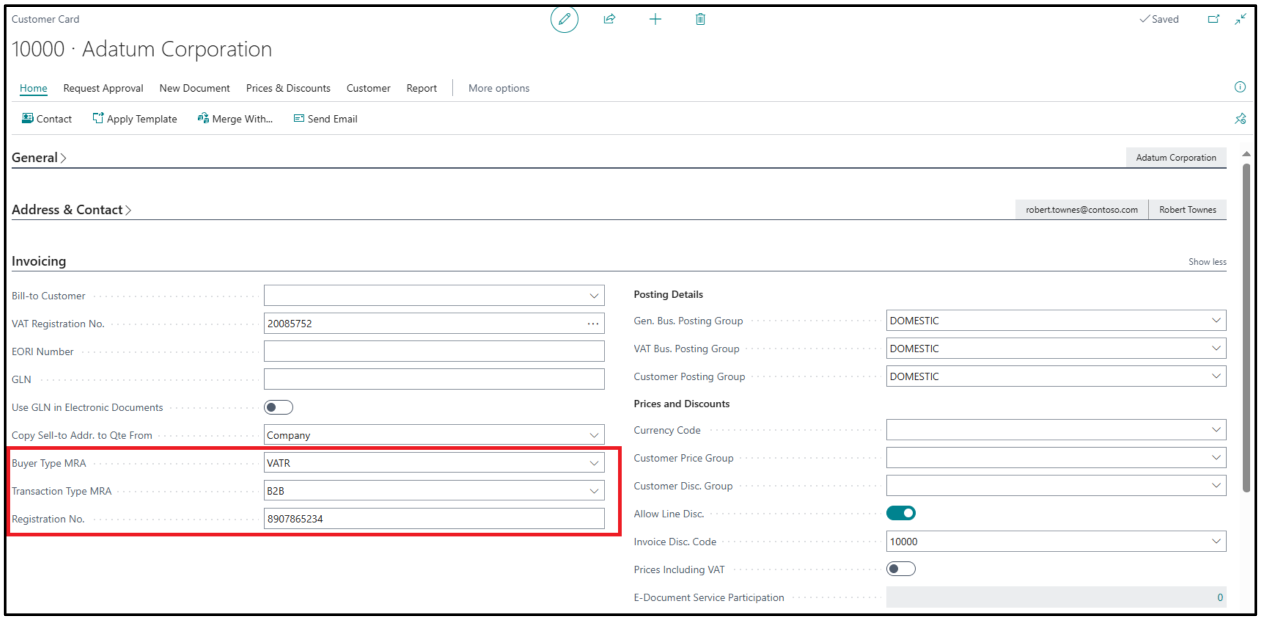
2. Company Information

MRA-related fields must be updated



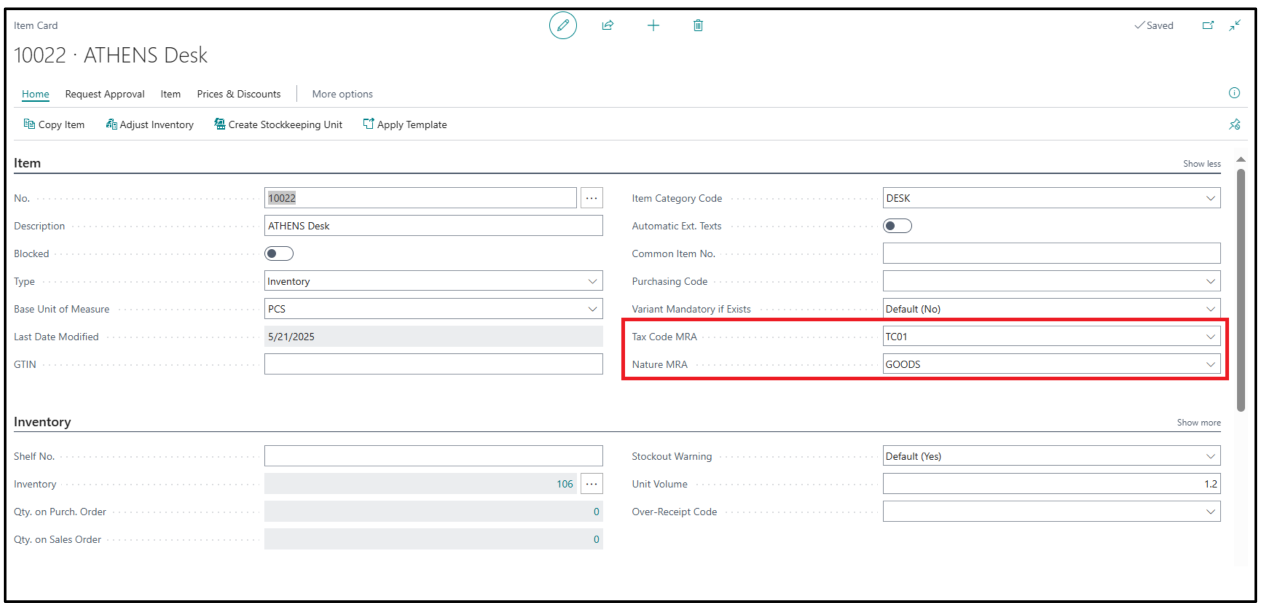
3. Customer Master

MRA-related fields must be updated



4. Item Master

MRA-related fields must be updated



Process Flow

1. Whenever a Sales Order, Sales Invoice, Sales Return Order, or Sales Credit Memo posts an invoice or credit memo, Business Central (BC) pushes the data to MRA. Upon success or failure, the MRA log is updated accordingly.
2. If the update is **successful** (i.e., fiscalized), MRA sends the IRN details back to BC, which then generates the corresponding QR code in the posted document,

3. If the update is **unsuccessful** (i.e., the invoice or credit memo is not fiscalized), a backend job can be scheduled to retry the update. If the error is corrected in the invoice or credit memo, the job will attempt fiscalization again, and upon success, the IRN and QR code will be updated

Documents Involved in MRA Updates

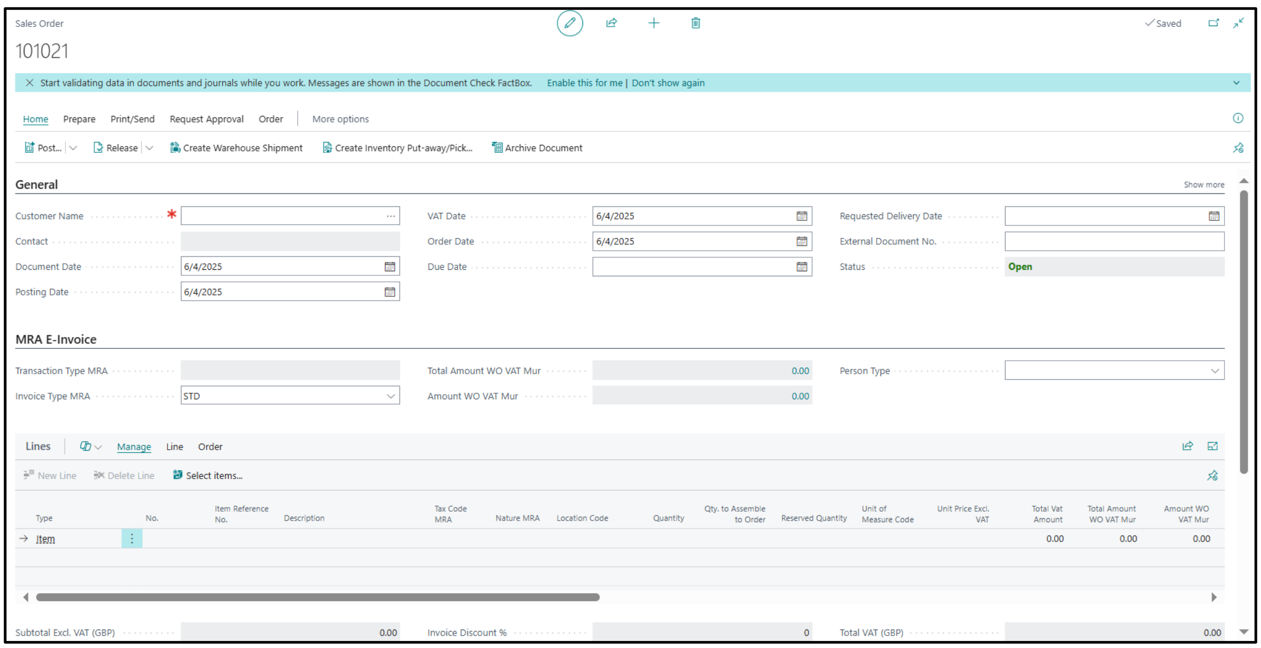
The MRA gets updated through the following four documents:

1. Sales Order
2. Sales Invoice
3. Sales Return Order
4. Sales Credit Memo

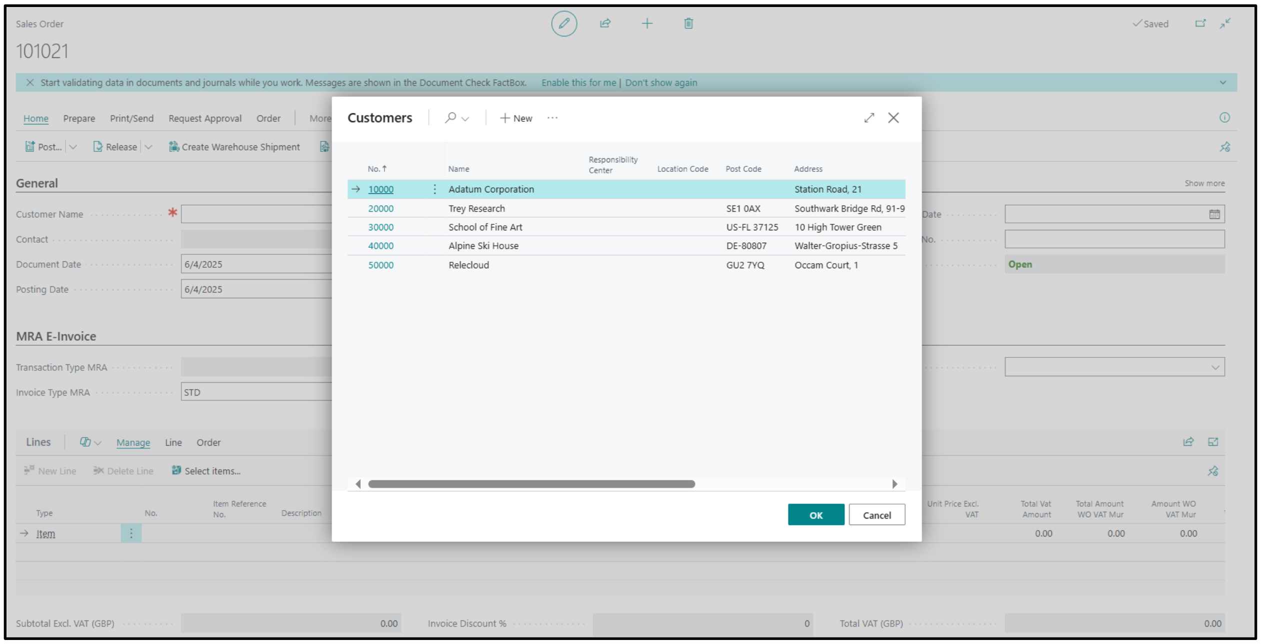
Test Case 1: Sales Order Processing

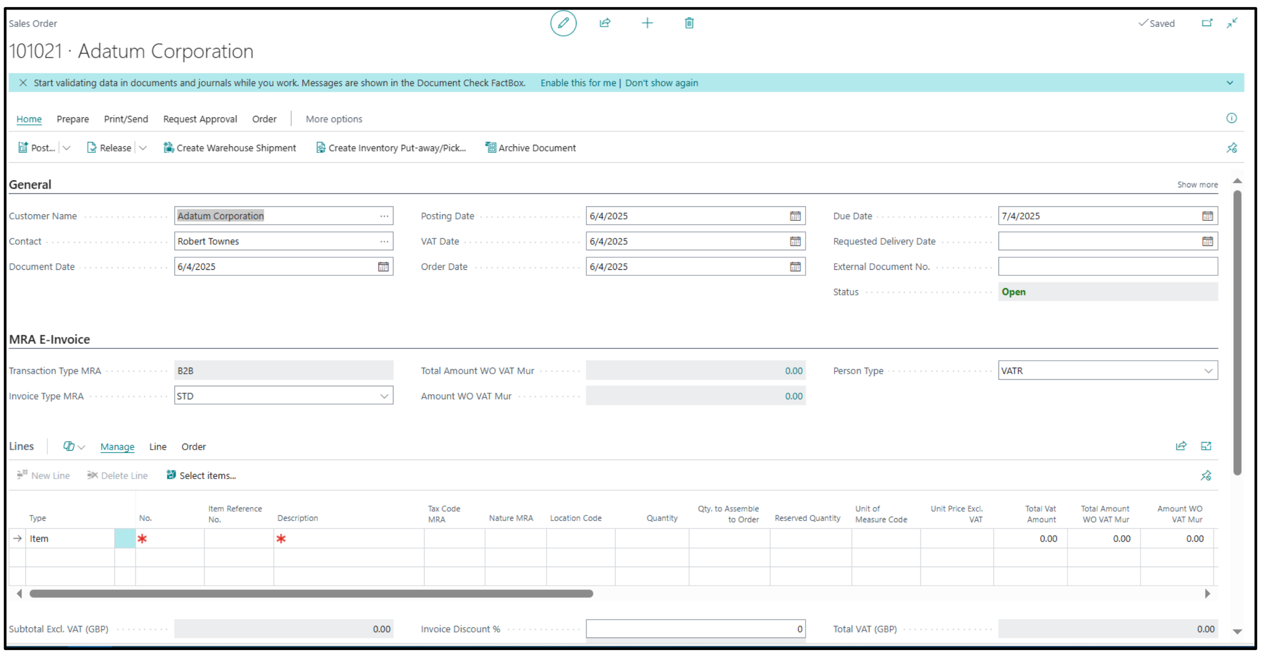
Steps:

1. Create a new Sales Order.

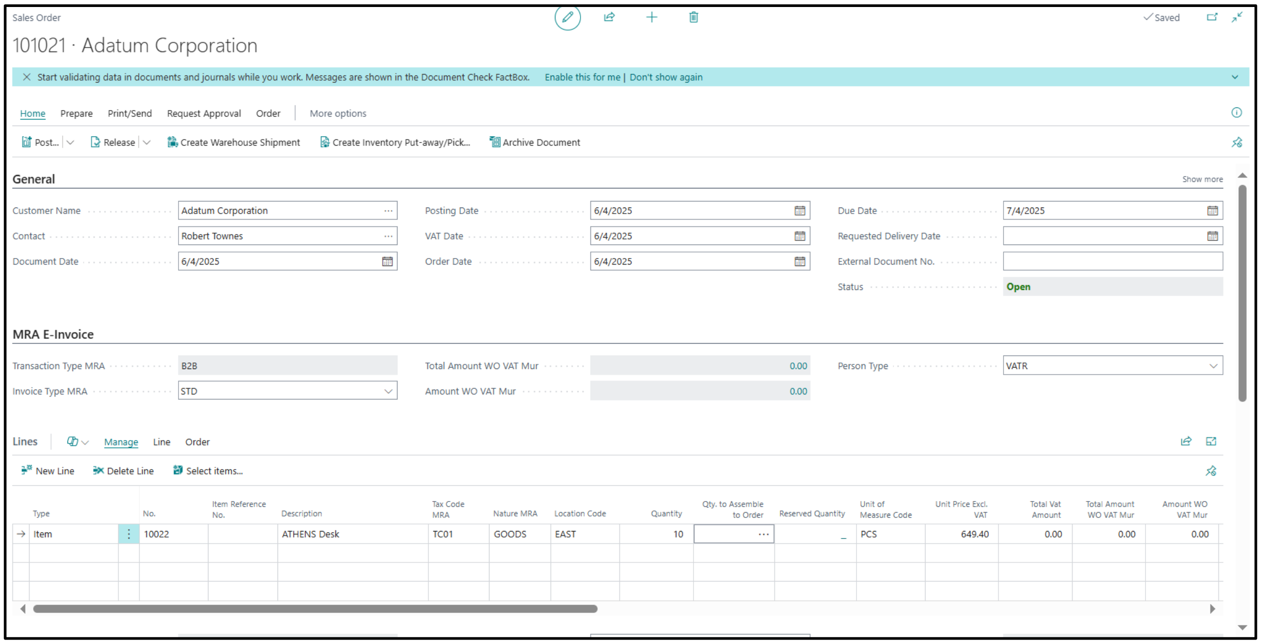


2. Enter the customer details in the Sales Order **Header** section.

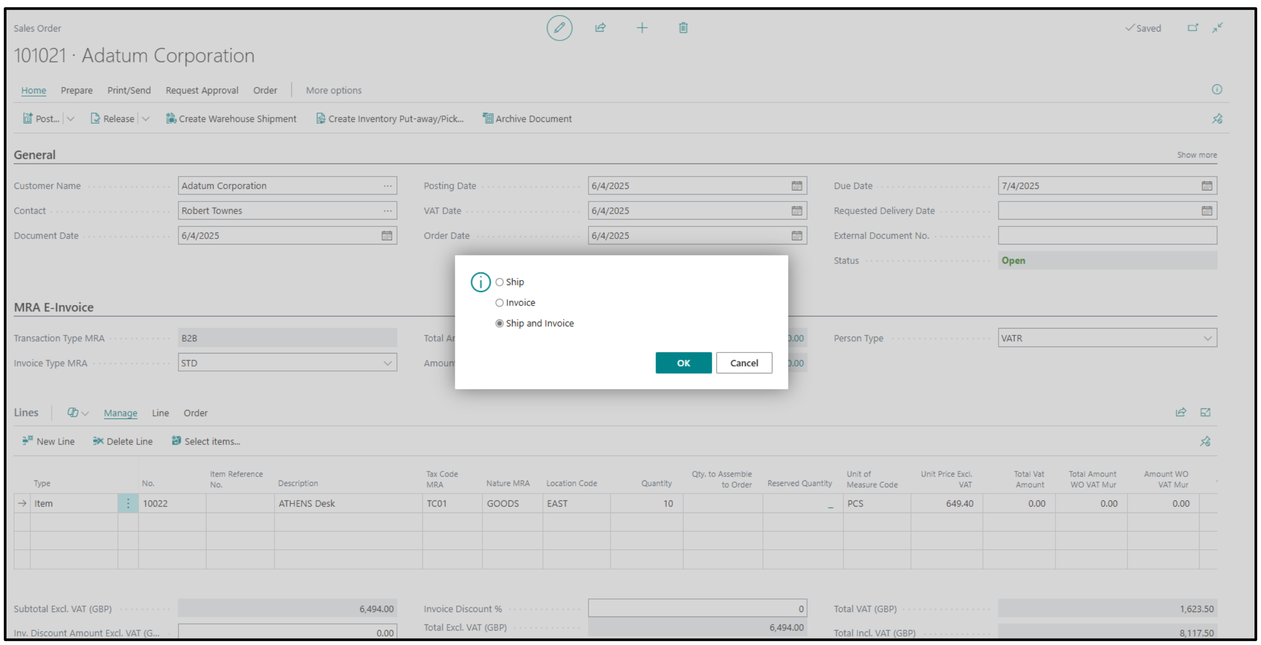


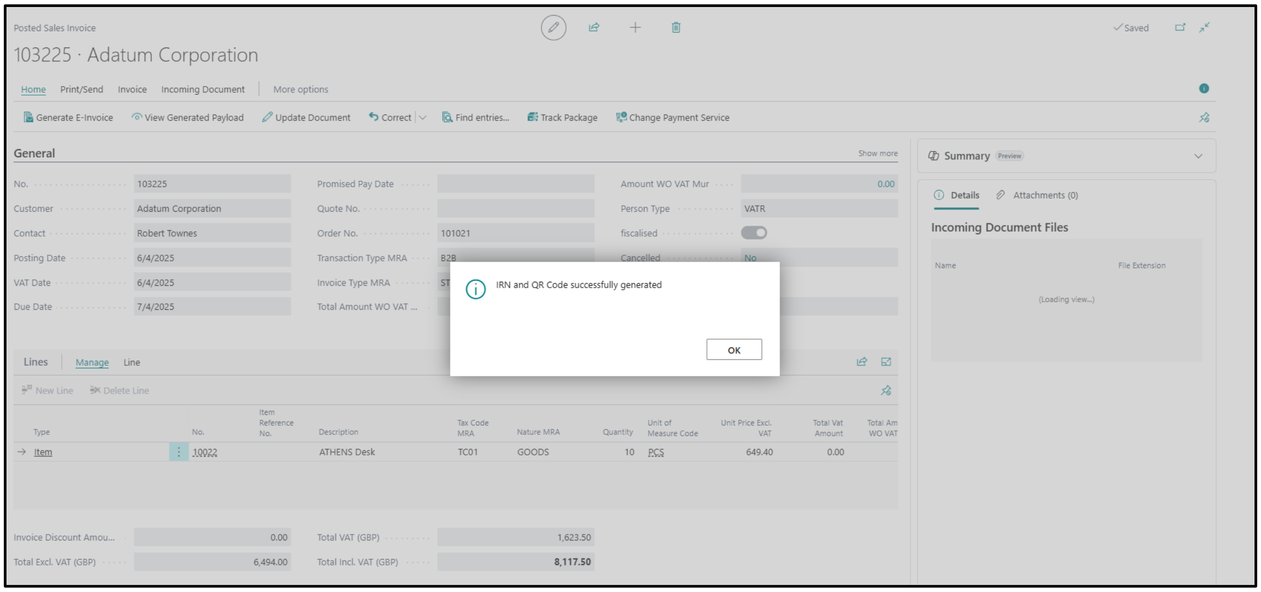


3. Add the required items in the **Line** section of the Sales Order.

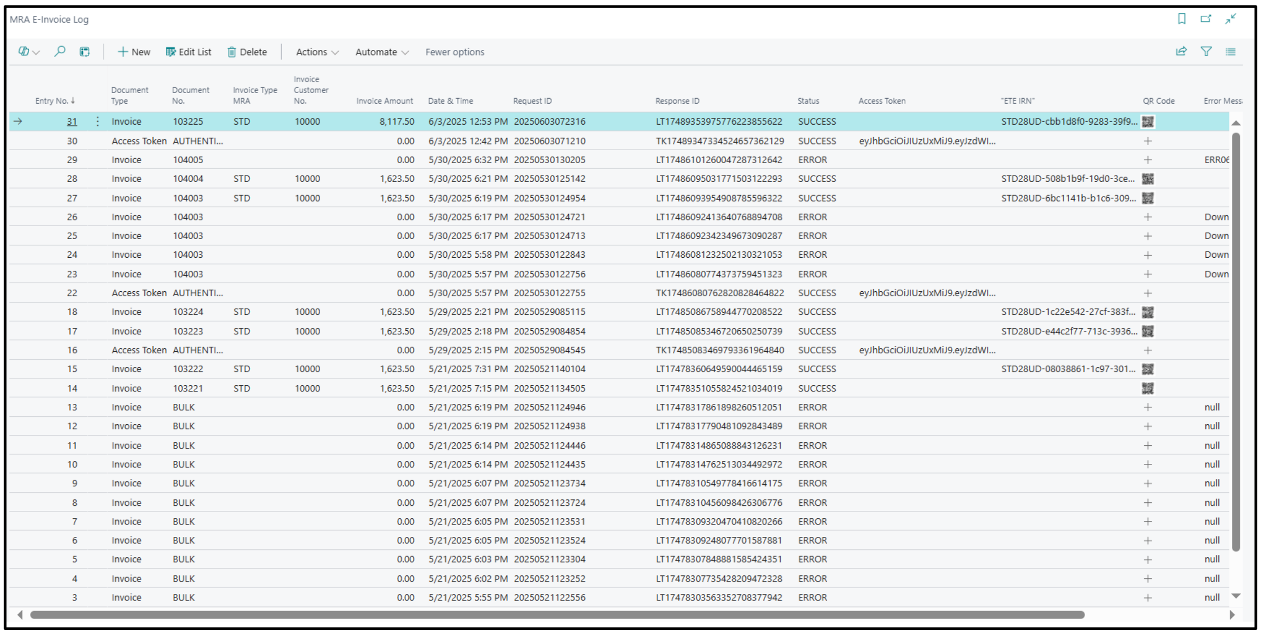


4. Post the Sales Invoice from the Sales Order.





5. Verify that the **MRA Log** is updated.


MRA E-Invoice Log

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30	Access Token	AUTHENTI...			0.00	6/3/2025 12:42 PM	20250603071210	TK17489347334524657362129	SUCCESS	eyJhbGciOiJIUzUxMiJ9.eyJzdWI...			
29	Invoice	104005			0.00	5/30/2025 6:32 PM	20250530130205	LT17486101260047287312642	ERROR				ERR06
28	Invoice	104004	STD	10000	1,623.50	5/30/2025 6:21 PM	20250530125142	LT17486095031771503122293	SUCCESS		STD28UD-508b1b9f-19d0-3ce...		
27	Invoice	104003	STD	10000	1,623.50	5/30/2025 6:19 PM	20250530124954	LT17486093954908785596322	SUCCESS		STD28UD-6bc1141b-b1c6-309...		
26	Invoice	104003			0.00	5/30/2025 6:17 PM	20250530124721	LT17486092413640768894708	ERROR				Down
25	Invoice	104003			0.00	5/30/2025 6:17 PM	20250530124713	LT17486092342349673090287	ERROR				Down
24	Invoice	104003			0.00	5/30/2025 5:58 PM	20250530122843	LT17486081232502130321053	ERROR				Down
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11	Invoice	BULK			0.00	5/21/2025 6:14 PM	20250521124446	LT17478314865088843126231	ERROR				null
10	Invoice	BULK			0.00	5/21/2025 6:14 PM	20250521124435	LT17478314762513034492972	ERROR				null
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7	Invoice	BULK			0.00	5/21/2025 6:05 PM	20250521123531	LT17478309320470410820266	ERROR				null
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5	Invoice	BULK			0.00	5/21/2025 6:03 PM	20250521123304	LT17478307848881585424351	ERROR				null
4	Invoice	BULK			0.00	5/21/2025 6:02 PM	20250521123252	LT17478307735428209472328	ERROR				null
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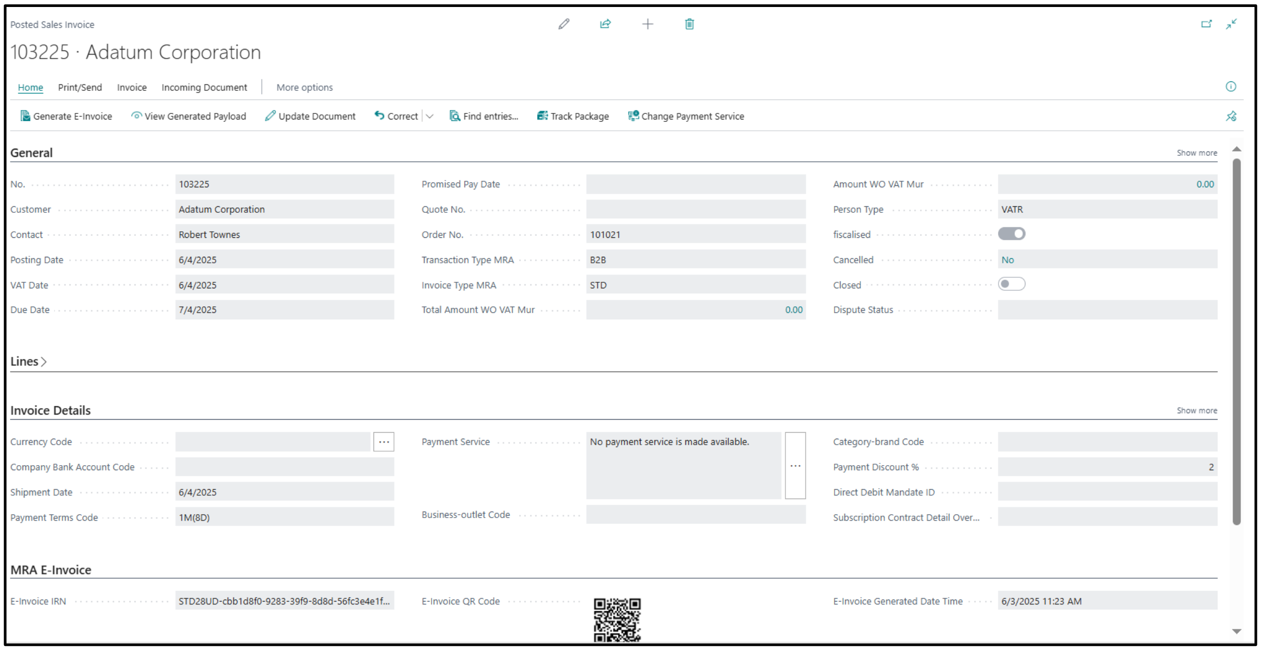
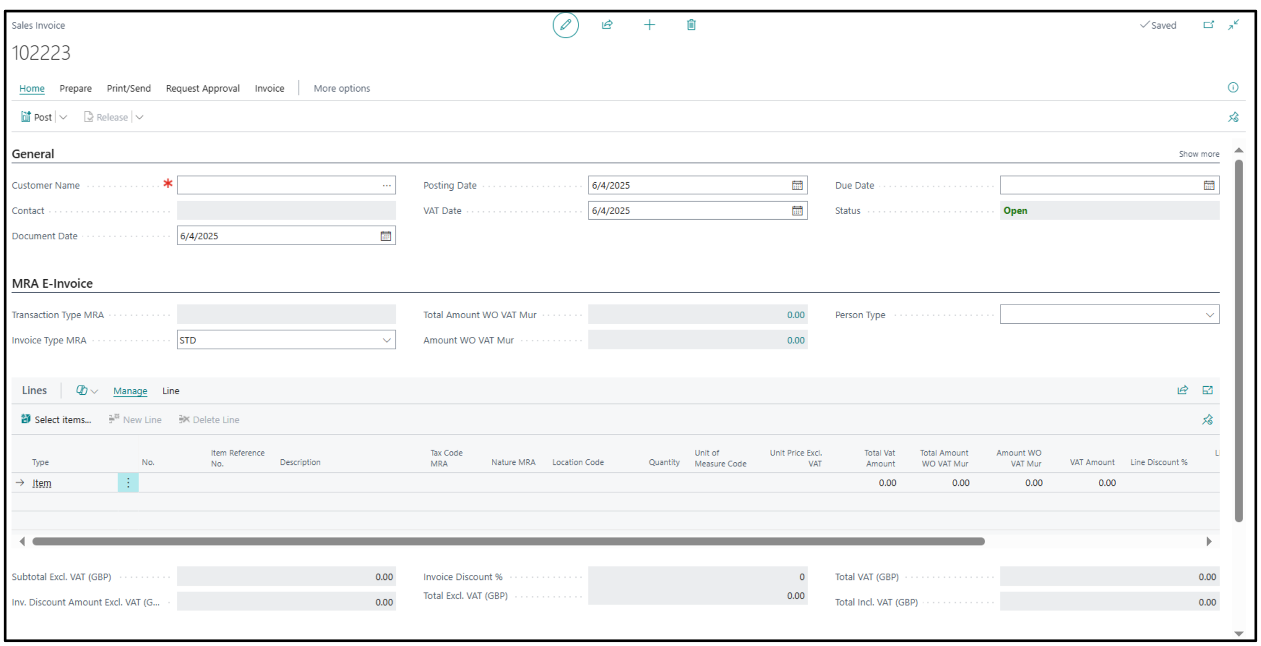
6. Confirm that the **Posted Sales Invoice** reflects the MRA updates.



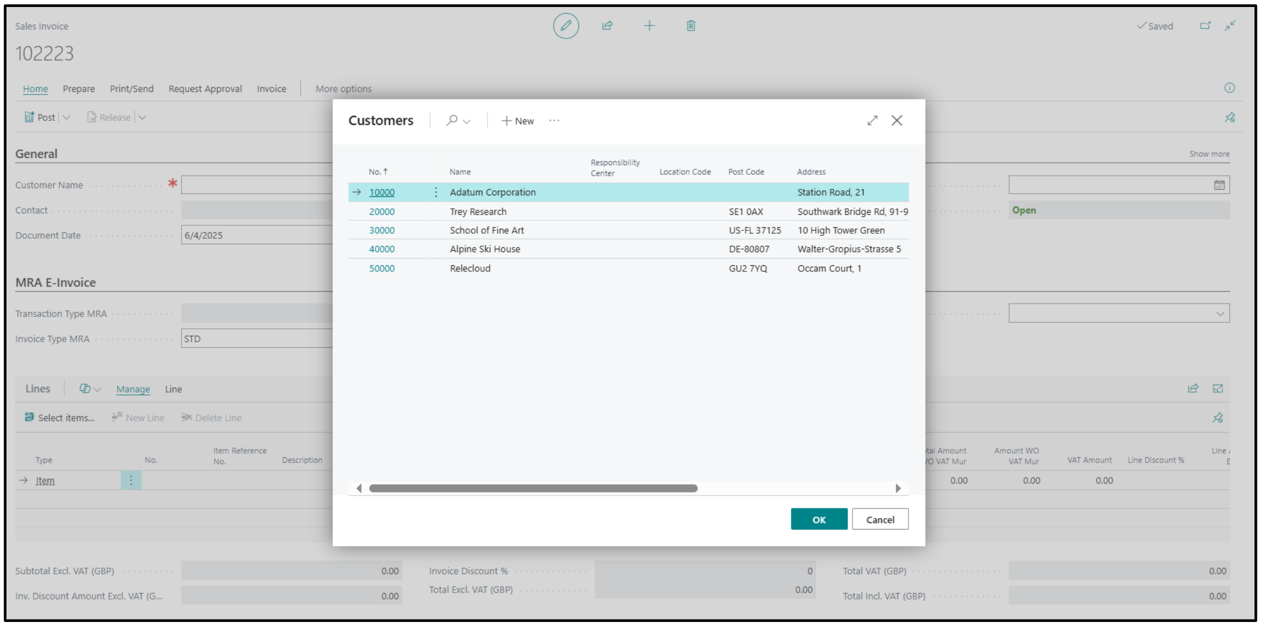
Test Case 2: Sales Invoice Processing

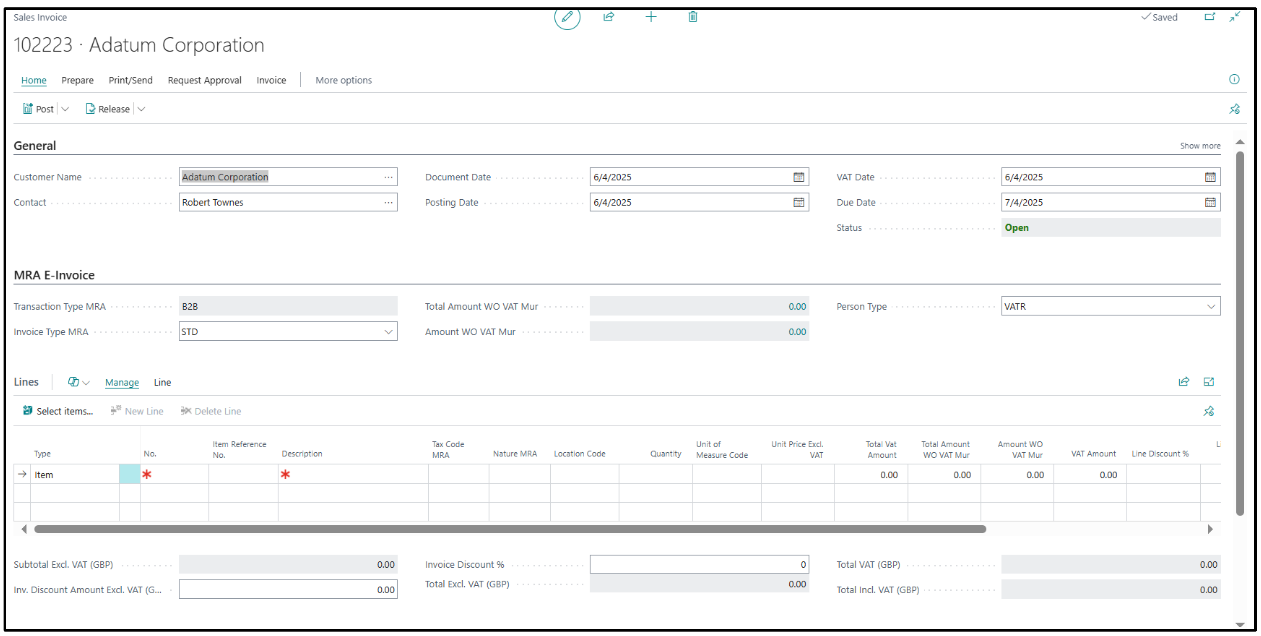
Steps:

1. Create a new Sales Invoice.

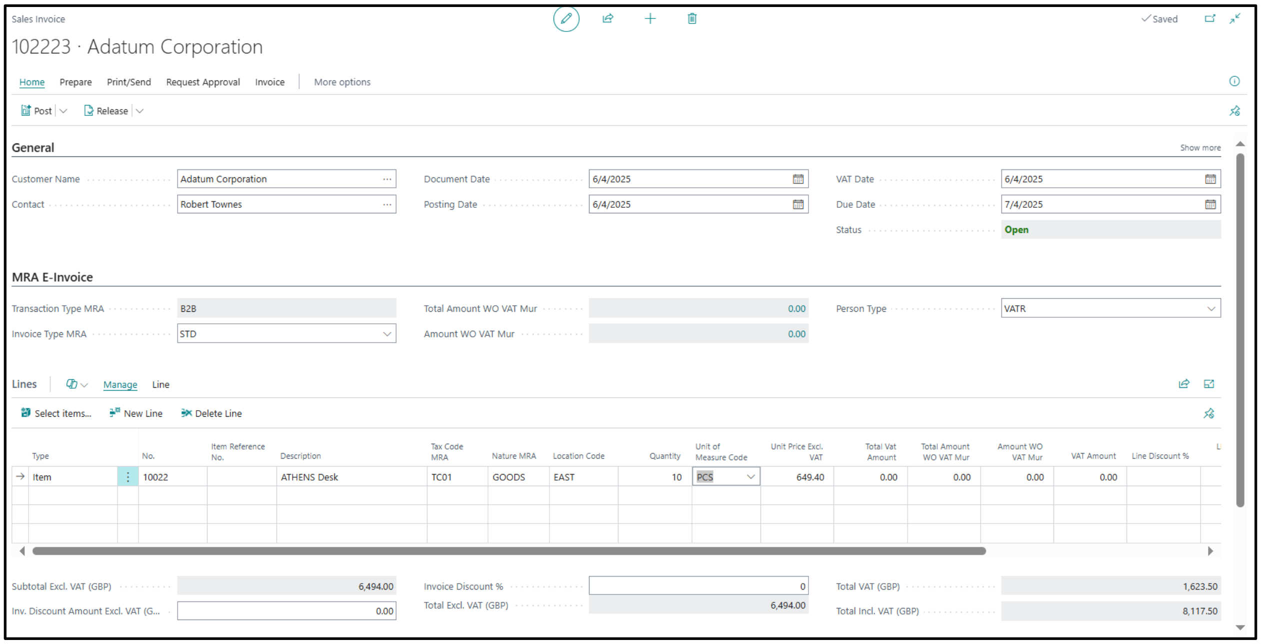


2. Enter the customer details in the Sales Invoice **Header** section.

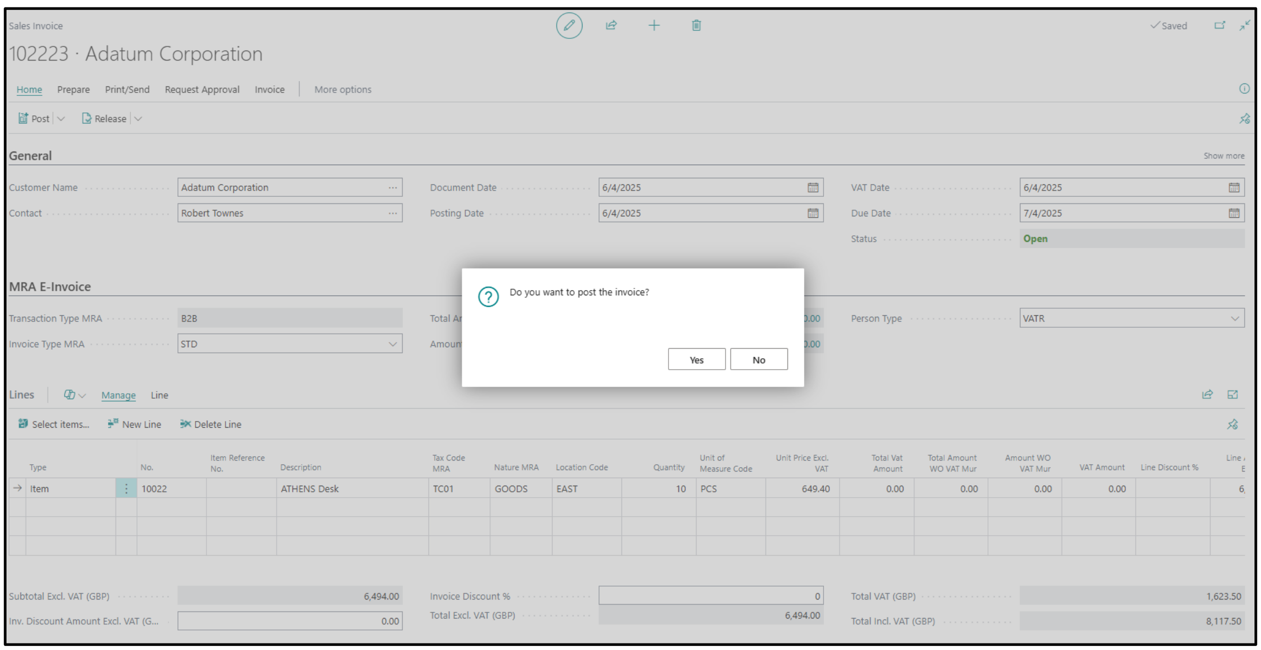


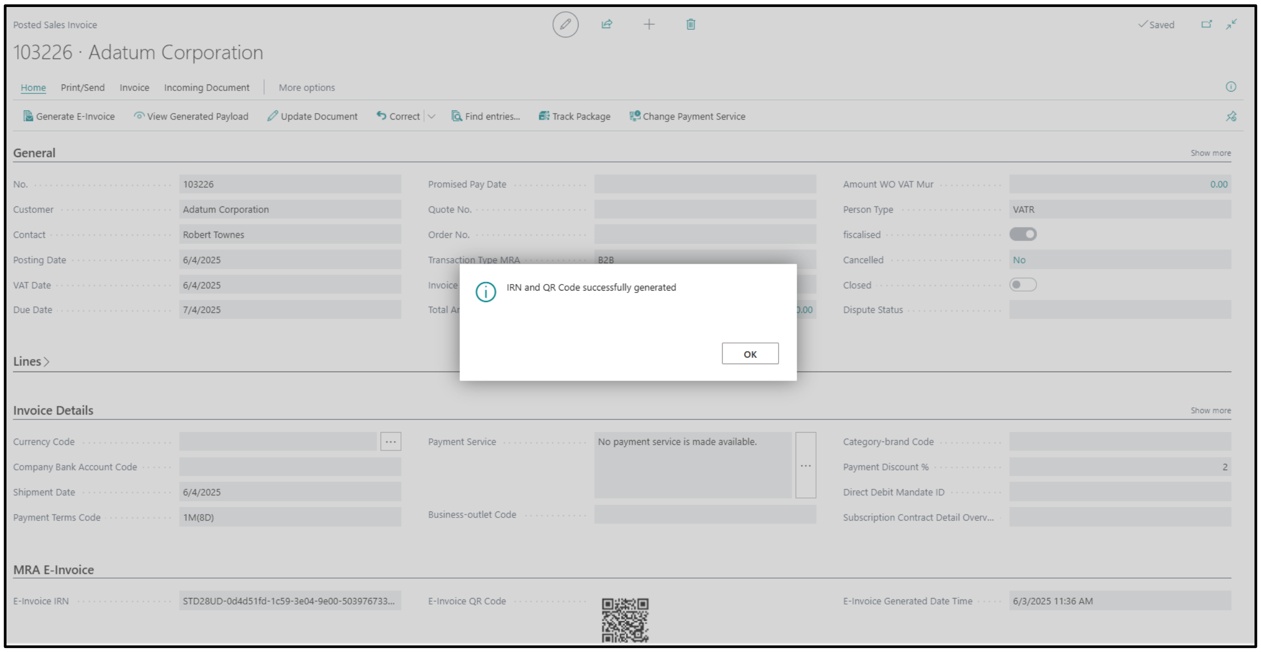


3. Add the required items in the **Line** section of the Sales Invoice.

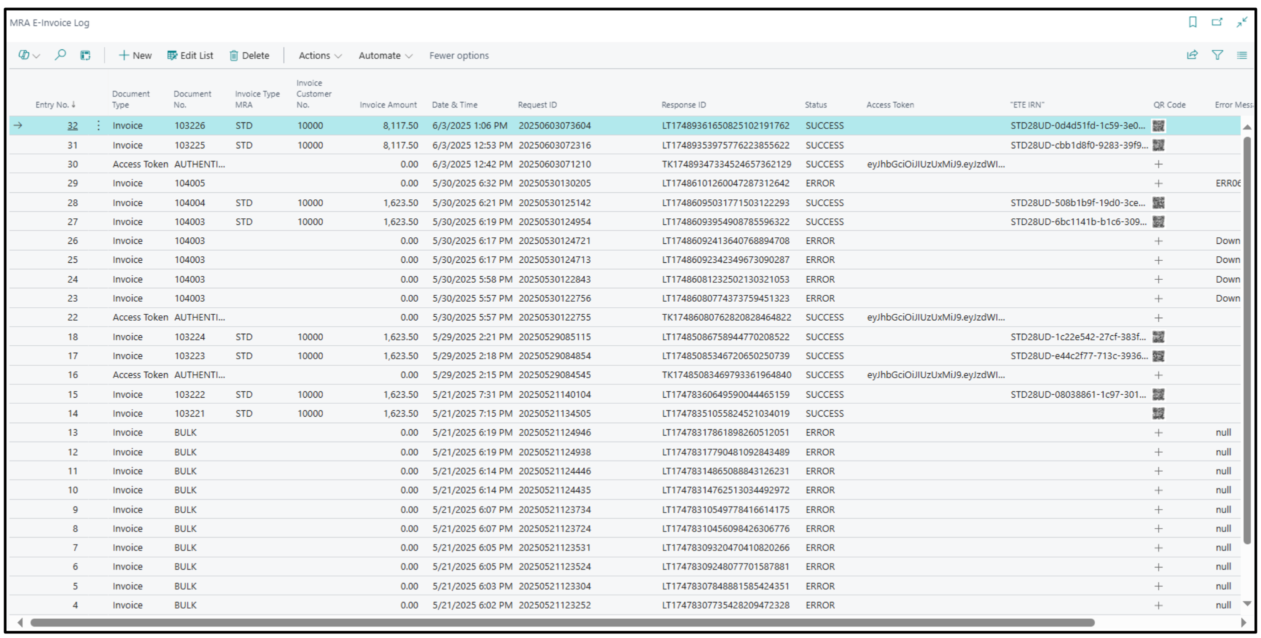


4. Post the Sales Invoice from the Sales Invoice.





5. Verify that the **MRA Log** is updated.



MRA E-Invoice Log

New | Edit List | Delete | Actions | Automate | Fewer options

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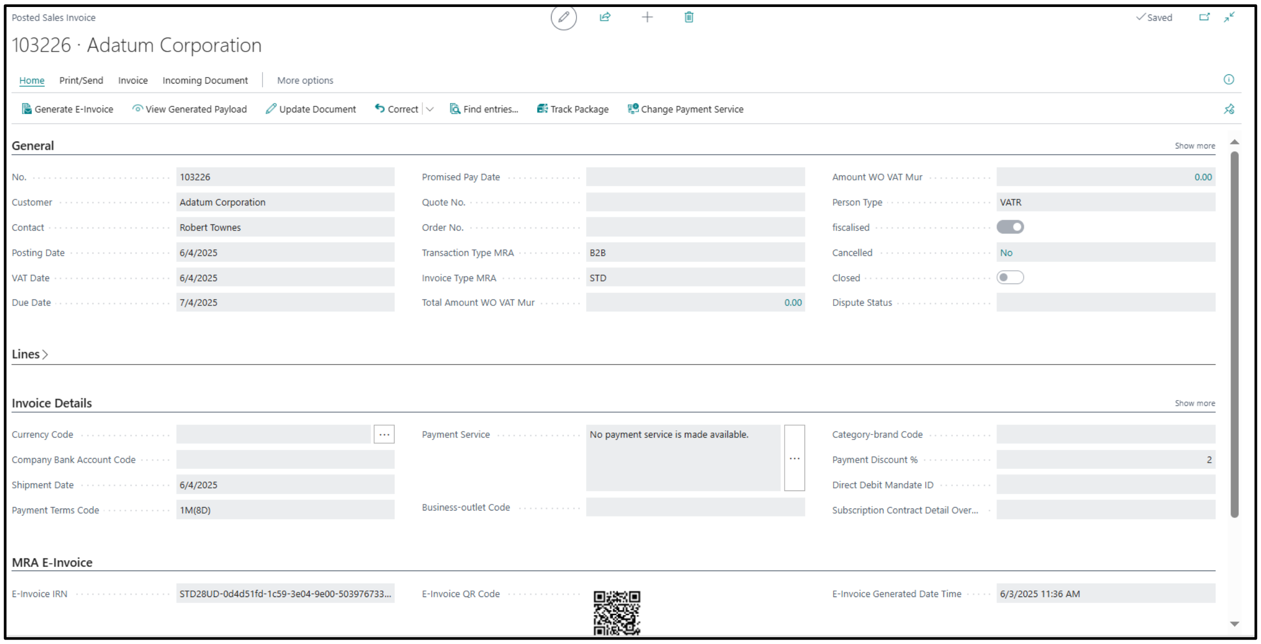
31	Invoice	103225	STD	10000	8,117.50	6/3/2025 12:53 PM	20250603072316	LT17489353975776223855622	SUCCESS		STD28UD-cbb1d8f0-9283-39f9...		
30	Access Token	AUTHENTI...			0.00	6/3/2025 12:42 PM	20250603071210	TK17489347334524657362129	SUCCESS	eyJhbGciOiJIUzUxMiJ9.eyJzdWI...		+	
29	Invoice	104005			0.00	5/30/2025 6:32 PM	20250530130205	LT17486101260047287312642	ERROR			+	ERR06
28	Invoice	104004	STD	10000	1,623.50	5/30/2025 6:21 PM	20250530125142	LT17486095031771503122293	SUCCESS		STD28UD-508b1b9f-19d0-3ce...		
27	Invoice	104003	STD	10000	1,623.50	5/30/2025 6:19 PM	20250530124954	LT17486093954908785596322	SUCCESS		STD28UD-6bc1141b-b1c6-309...		
26	Invoice	104003			0.00	5/30/2025 6:17 PM	20250530124721	LT17486092413640768894708	ERROR			+	Down
25	Invoice	104003			0.00	5/30/2025 6:17 PM	20250530124713	LT17486092342349673090287	ERROR			+	Down
24	Invoice	104003			0.00	5/30/2025 5:58 PM	20250530122843	LT17486081232502130321053	ERROR			+	Down
23	Invoice	104003			0.00	5/30/2025 5:57 PM	20250530122756	LT17486080774373759451323	ERROR			+	Down
22	Access Token	AUTHENTI...			0.00	5/30/2025 5:57 PM	20250530122755	TK17486080762820828464822	SUCCESS	eyJhbGciOiJIUzUxMiJ9.eyJzdWI...		+	
18	Invoice	103224	STD	10000	1,623.50	5/29/2025 2:21 PM	20250529085115	LT17485086758944770208522	SUCCESS		STD28UD-1c22e542-27cf-383f...		
17	Invoice	103223	STD	10000	1,623.50	5/29/2025 2:18 PM	20250529084854	LT17485085346720650250739	SUCCESS		STD28UD-e44c2f77-713c-3936...		
16	Access Token	AUTHENTI...			0.00	5/29/2025 2:15 PM	20250529084545	TK17485083469793361964840	SUCCESS	eyJhbGciOiJIUzUxMiJ9.eyJzdWI...		+	
15	Invoice	103222	STD	10000	1,623.50	5/21/2025 7:31 PM	20250521140104	LT17478360649590044465159	SUCCESS		STD28UD-08038861-1c97-301...		
14	Invoice	103221	STD	10000	1,623.50	5/21/2025 7:15 PM	20250521134505	LT17478351055824521034019	SUCCESS				
13	Invoice	BULK			0.00	5/21/2025 6:19 PM	20250521124946	LT17478317861898260512051	ERROR			+	null
12	Invoice	BULK			0.00	5/21/2025 6:19 PM	20250521124938	LT17478317790481092843489	ERROR			+	null
11	Invoice	BULK			0.00	5/21/2025 6:14 PM	20250521124446	LT17478314865088843126231	ERROR			+	null
10	Invoice	BULK			0.00	5/21/2025 6:14 PM	20250521124435	LT17478314762513034492972	ERROR			+	null
9	Invoice	BULK			0.00	5/21/2025 6:07 PM	20250521123734	LT17478310549778416614175	ERROR			+	null
8	Invoice	BULK			0.00	5/21/2025 6:07 PM	20250521123724	LT17478310456098426306776	ERROR			+	null
7	Invoice	BULK			0.00	5/21/2025 6:05 PM	20250521123531	LT17478309320470410820266	ERROR			+	null
6	Invoice	BULK			0.00	5/21/2025 6:05 PM	20250521123524	LT17478309248077701587881	ERROR			+	null
5	Invoice	BULK			0.00	5/21/2025 6:03 PM	20250521123304	LT17478307848881585424351	ERROR			+	null
4	Invoice	BULK			0.00	5/21/2025 6:02 PM	20250521123252	LT17478307735428209472328	ERROR			+	null

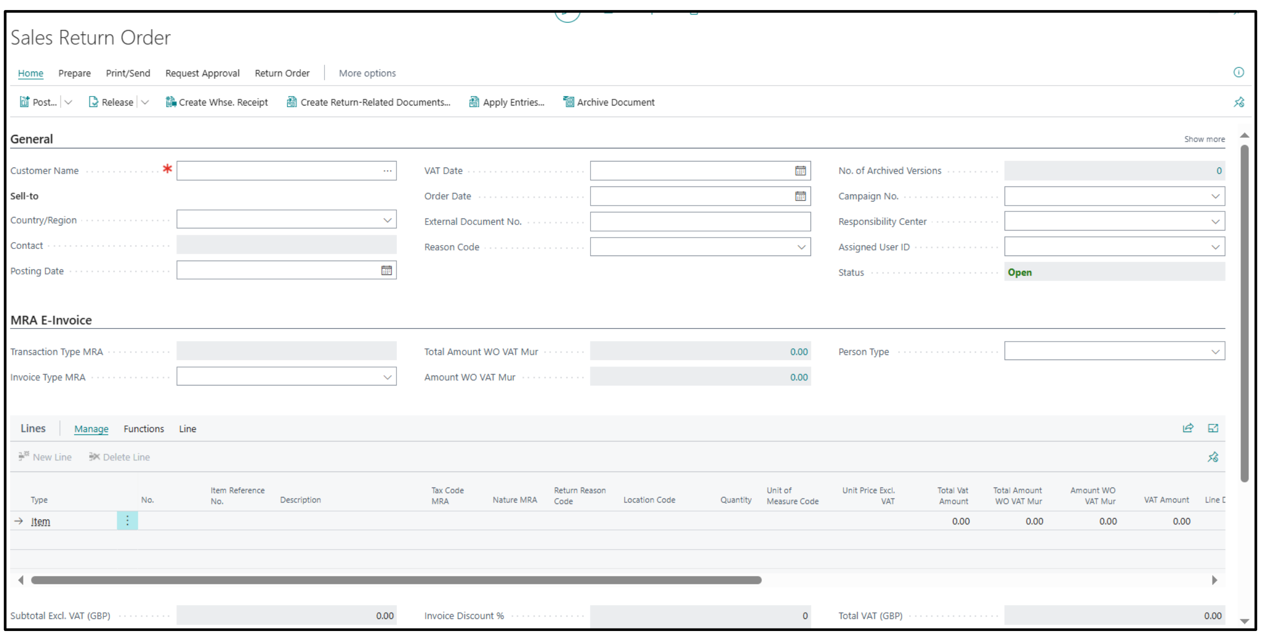
6. Confirm that the **Posted Sales Invoice** reflects the MRA updates.



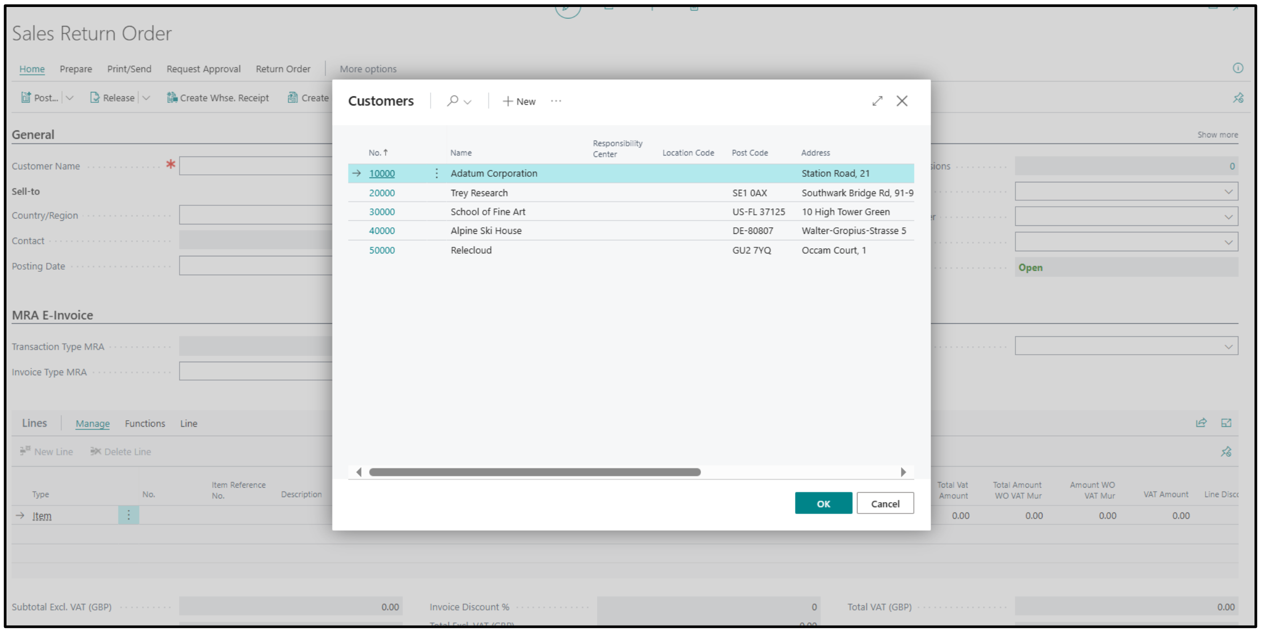
Test Case 3: Sales Return Order Processing

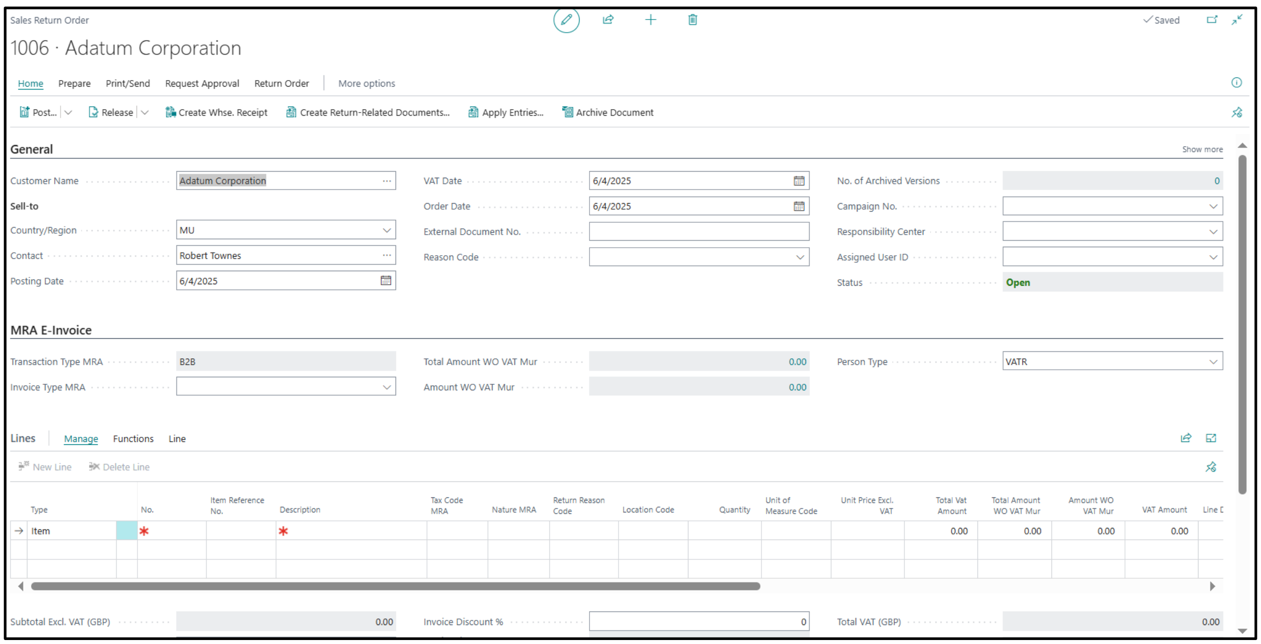
Steps:

1. Create a new Sales Return Order.

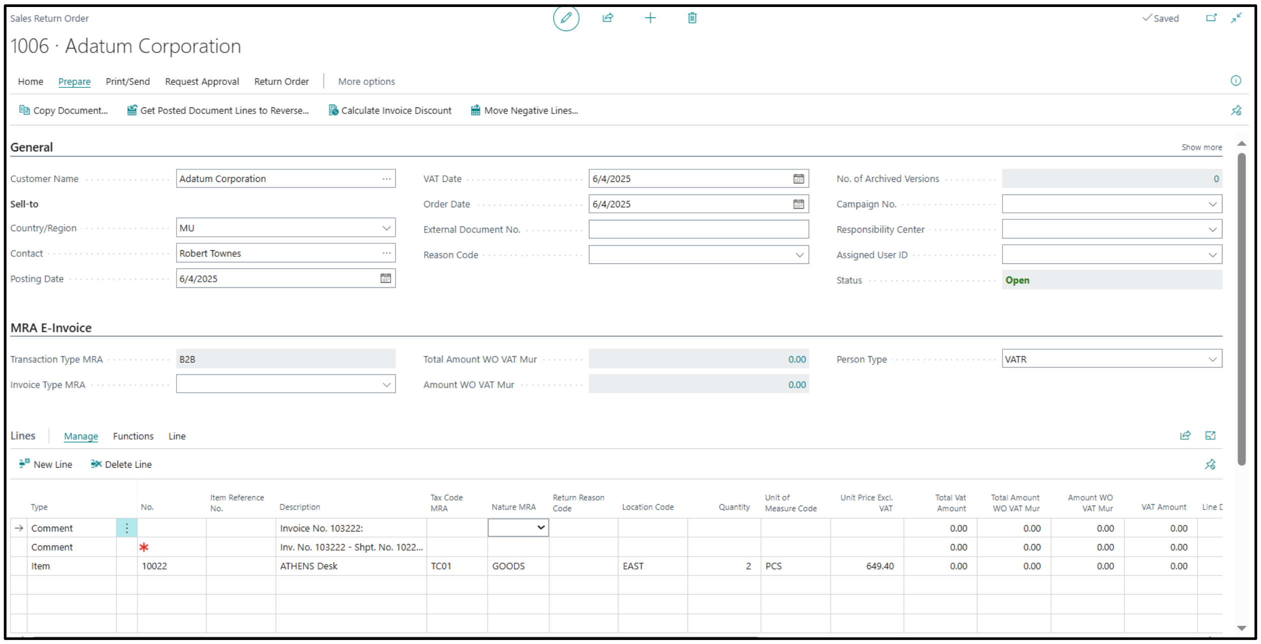


2. Enter the customer details in the Sales Return Order **Header** section.

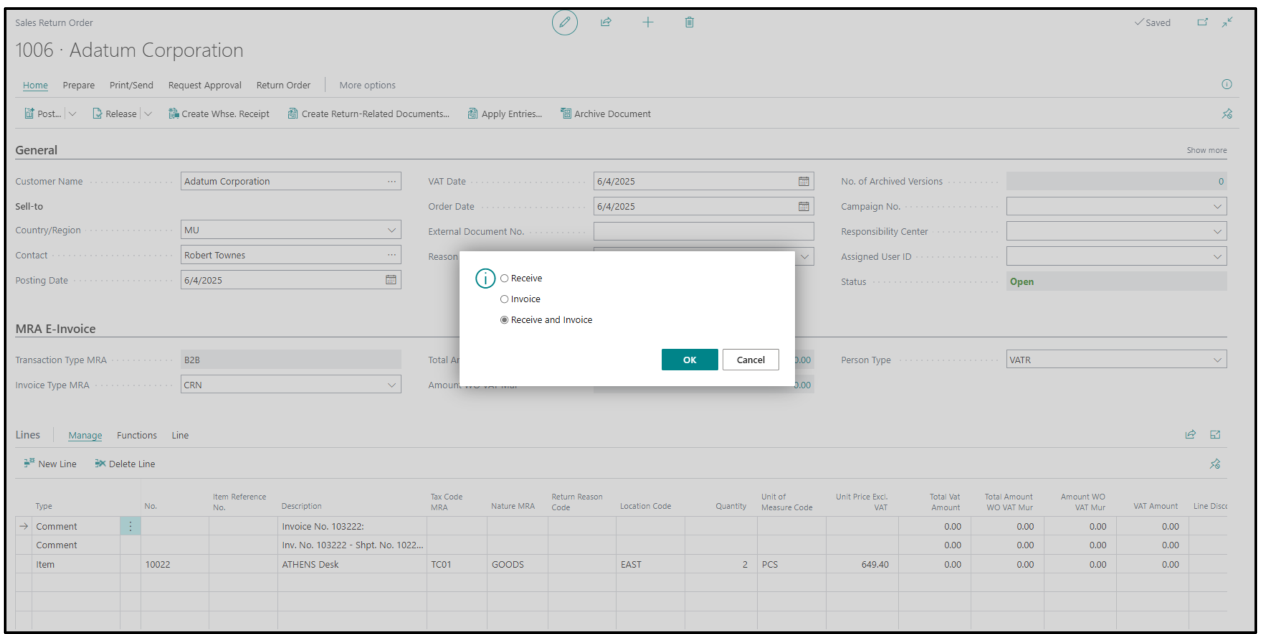


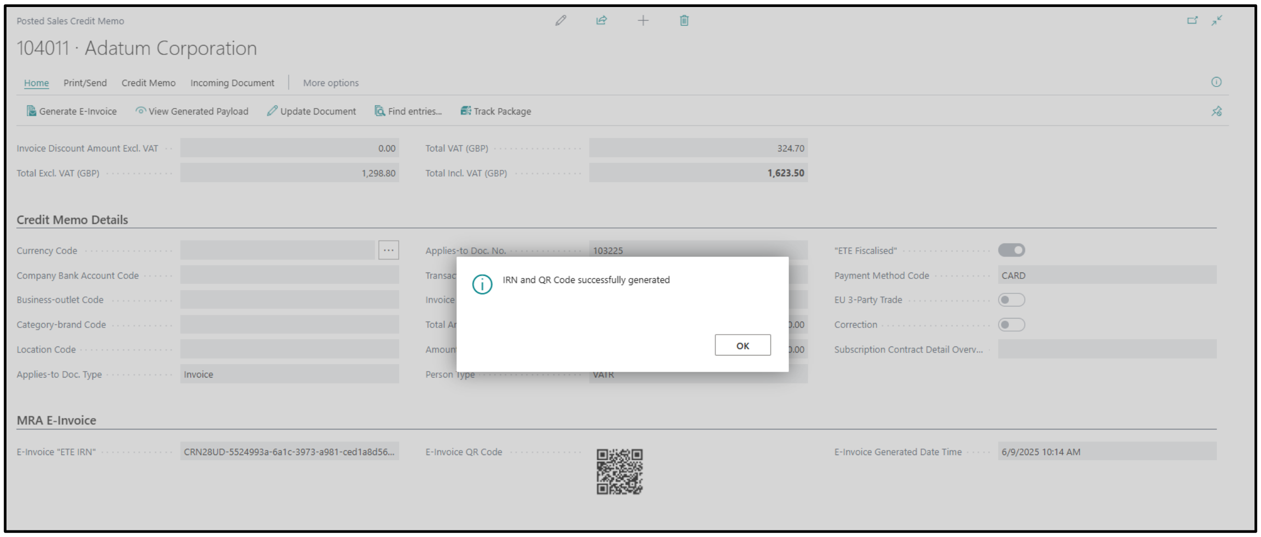


3. Add the required items in the **Line** section of the Sales Return Order.

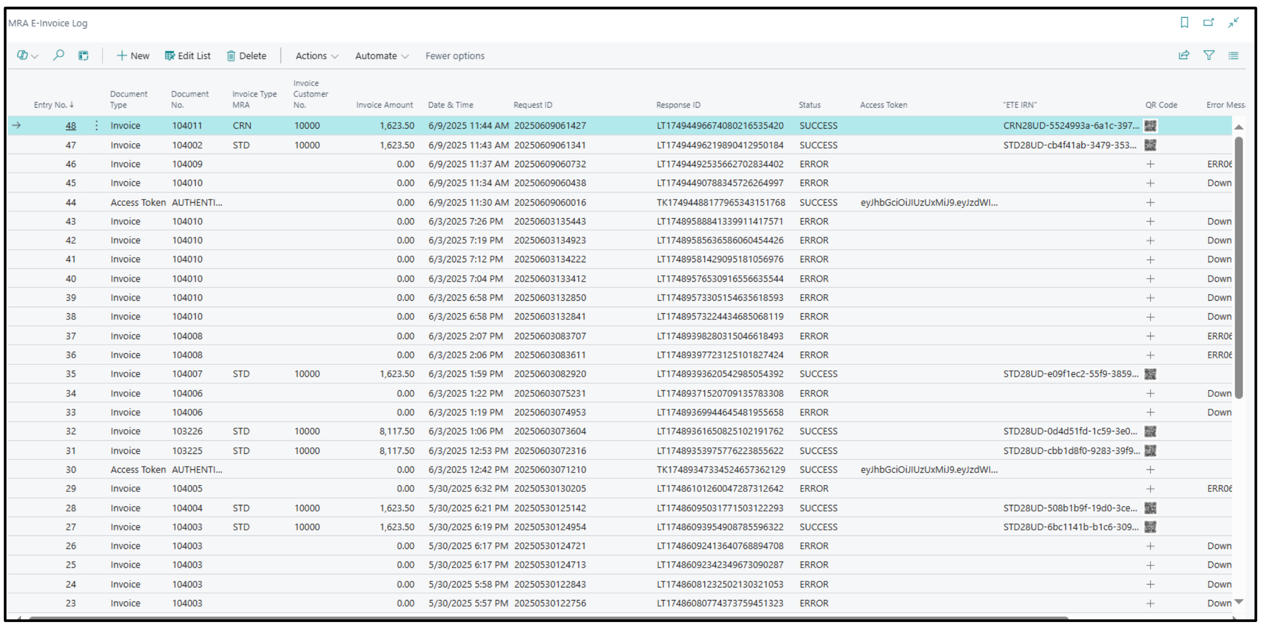


4. Post the Sales Credit Memo from the Sales Return Order.





5. Verify that the **MRA Log** is updated.



Entry No.	Document Type	Document No.	Invoice Type MRA	Invoice Customer No.	Invoice Amount	Date & Time	Request ID	Response ID	Status	Access Token	"ETE IRN"	QR Code	Error Mess
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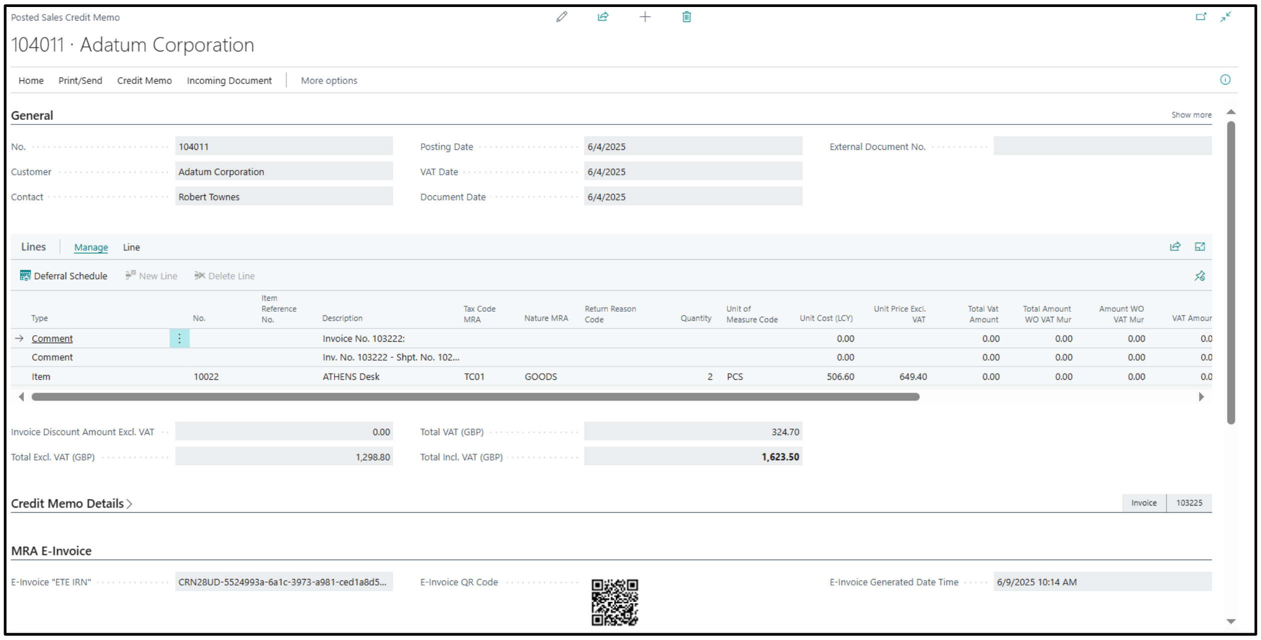
33	Invoice	104006			0.00	6/3/2025 1:19 PM	20250603074953	LT17489369944645481955658	ERROR			+	Down
32	Invoice	103226	STD	10000	8,117.50	6/3/2025 1:06 PM	20250603073604	LT17489361650825102191762	SUCCESS		STD28UD-0d4d51fd-1c59-3e0...		
31	Invoice	103225	STD	10000	8,117.50	6/3/2025 12:53 PM	20250603072316	LT17489353975776223855622	SUCCESS		STD28UD-cbb1d8f0-9283-39f9...		
30	Access Token	AUTHENTI...			0.00	6/3/2025 12:42 PM	20250603071210	TK17489347334524657362129	SUCCESS	eyJhbGciOiJIUzUxMiJ9.eyJzdWI...		+	
29	Invoice	104005			0.00	5/30/2025 6:32 PM	20250530130205	LT17486101260047287312642	ERROR			+	ERR06
28	Invoice	104004	STD	10000	1,623.50	5/30/2025 6:21 PM	20250530125142	LT17486095031771503122293	SUCCESS		STD28UD-508b1b9f-19d0-3ce...		
27	Invoice	104003	STD	10000	1,623.50	5/30/2025 6:19 PM	20250530124954	LT17486093954908785596322	SUCCESS		STD28UD-6bc1141b-b1c6-309...		
26	Invoice	104003			0.00	5/30/2025 6:17 PM	20250530124721	LT17486092413640768894708	ERROR			+	Down
25	Invoice	104003			0.00	5/30/2025 6:17 PM	20250530124713	LT17486092342349673090287	ERROR			+	Down
24	Invoice	104003			0.00	5/30/2025 5:58 PM	20250530122843	LT17486081232502130321053	ERROR			+	Down
23	Invoice	104003			0.00	5/30/2025 5:57 PM	20250530122756	LT17486080774373759451323	ERROR			+	Down

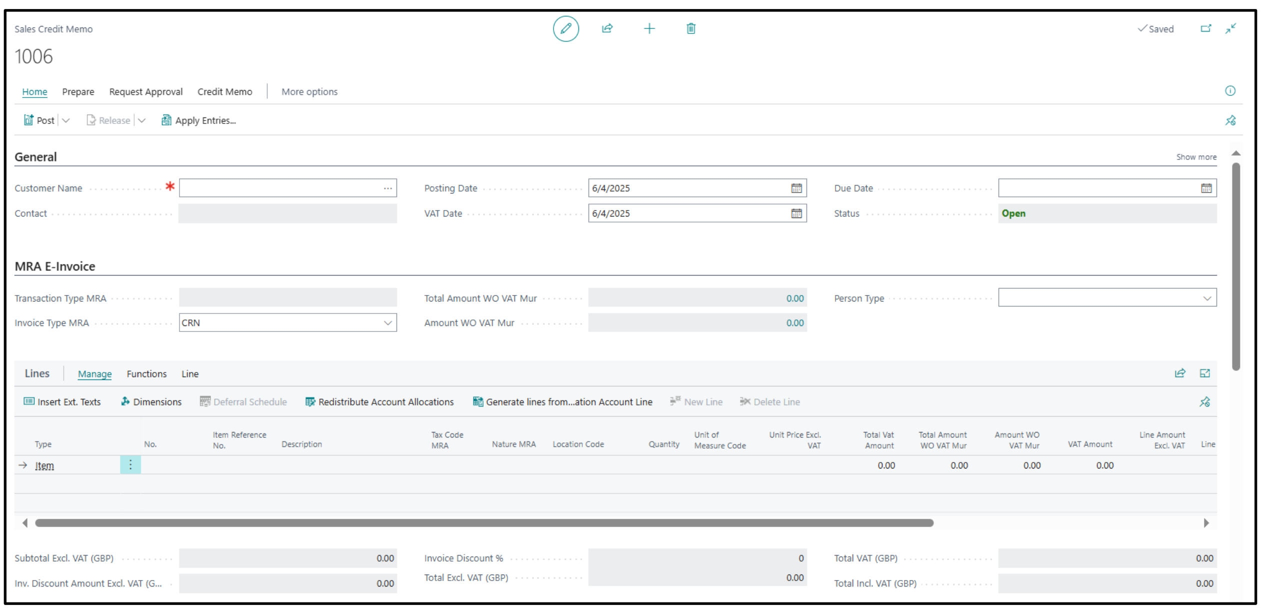
6. Confirm that the **Posted Sales Credit Memo** reflects the MRA updates.



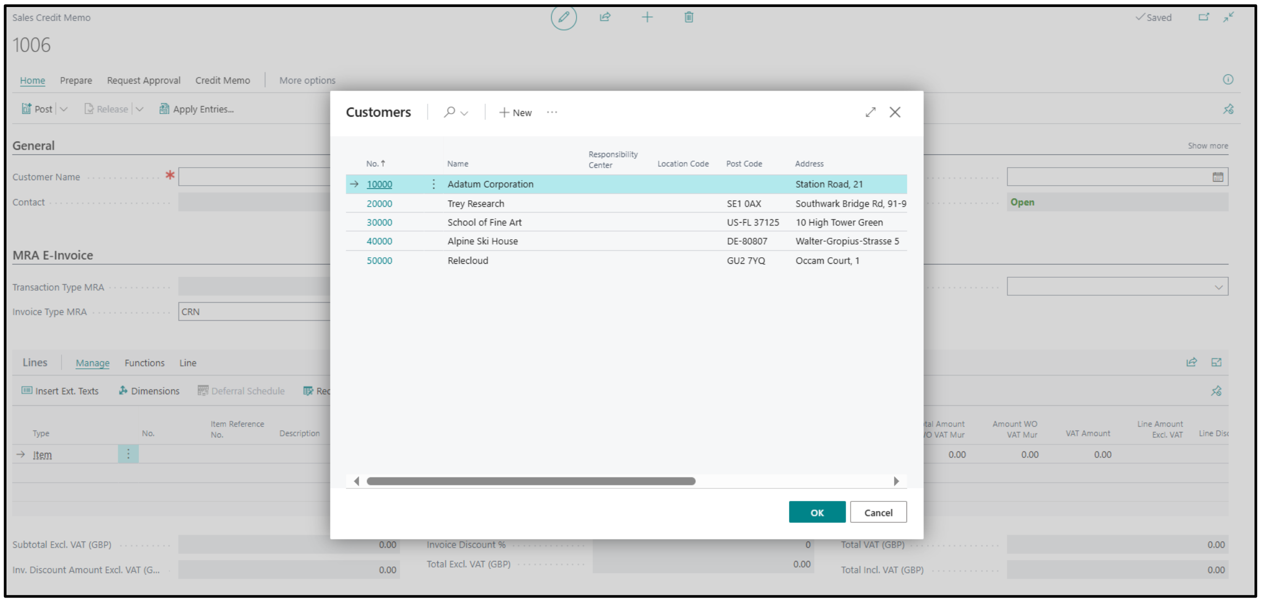
Test Case 4: Sales Credit Memo Processing

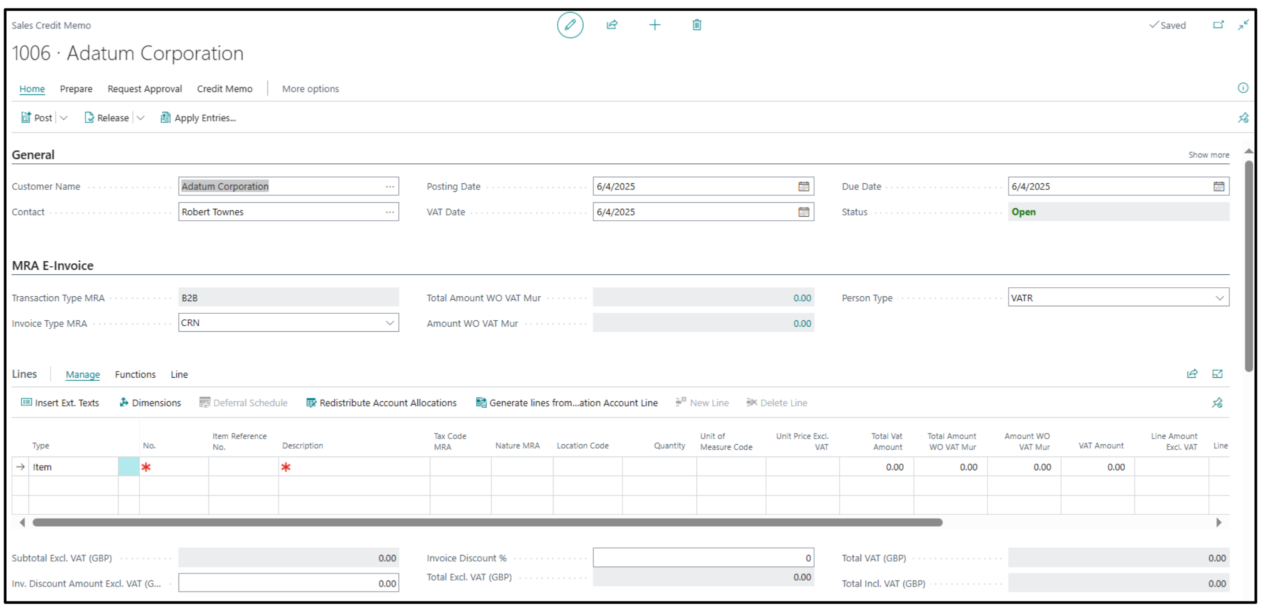
Steps:

1. Create a new Sales Credit Memo.

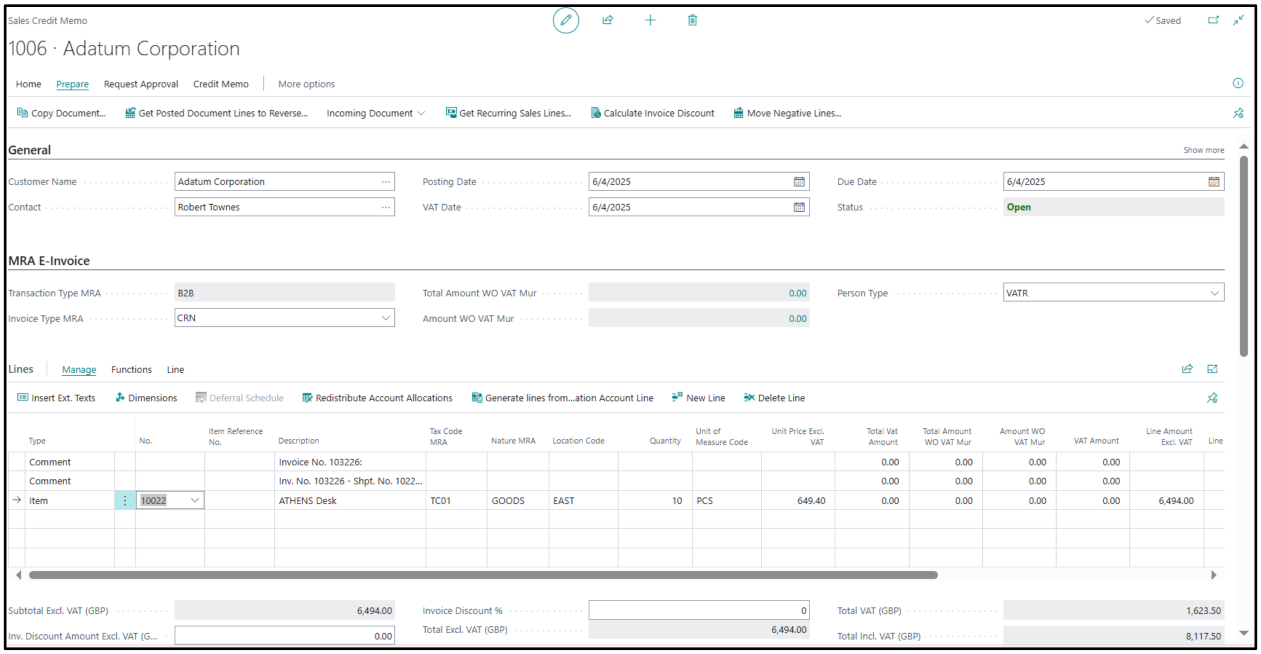


2. Enter the customer details in the Sales Credit Memo **Header** section.

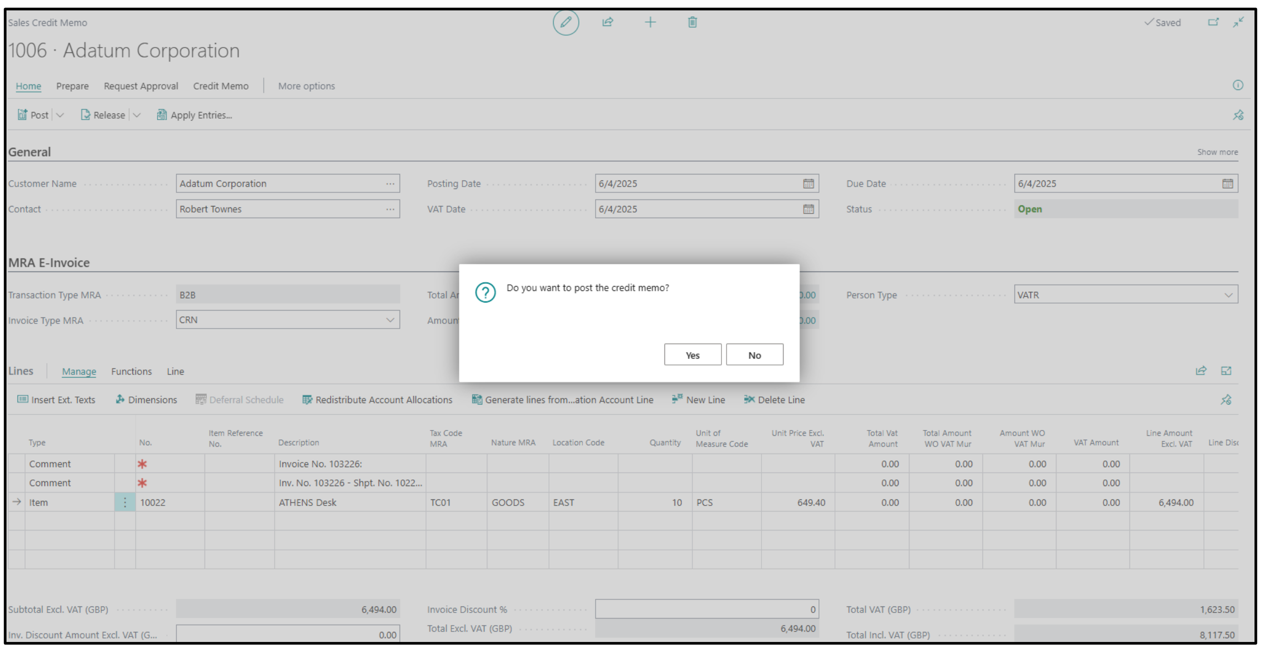


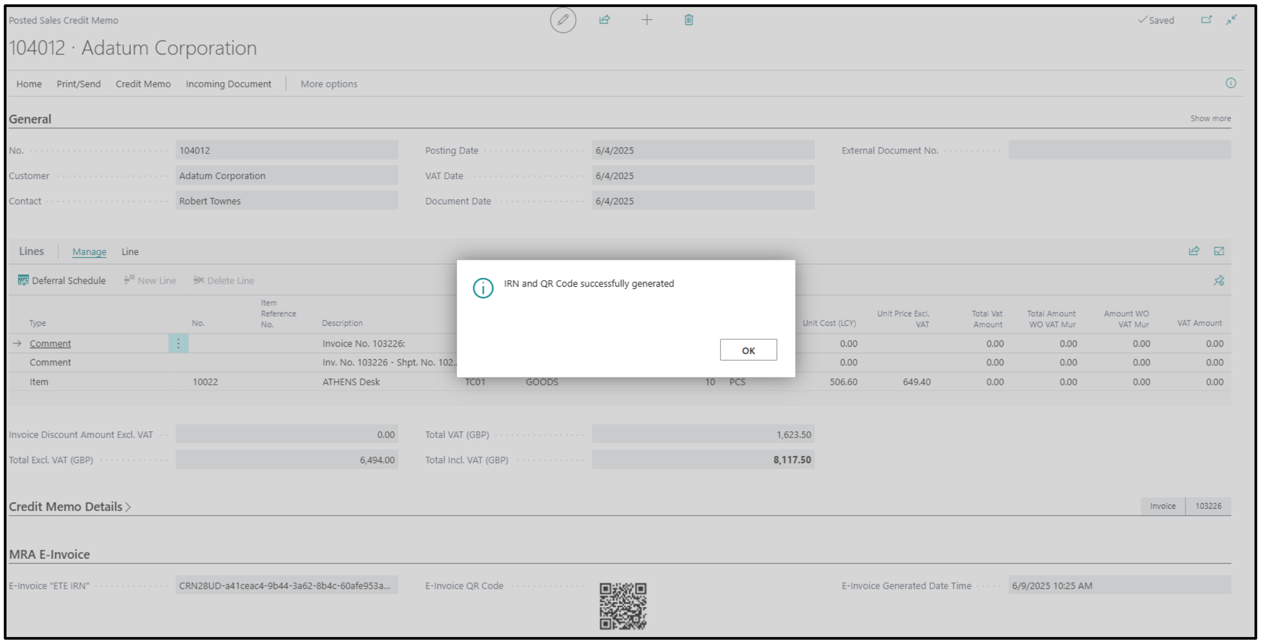


3. Add the required items in the **Line** section of the Sales Credit Memo.

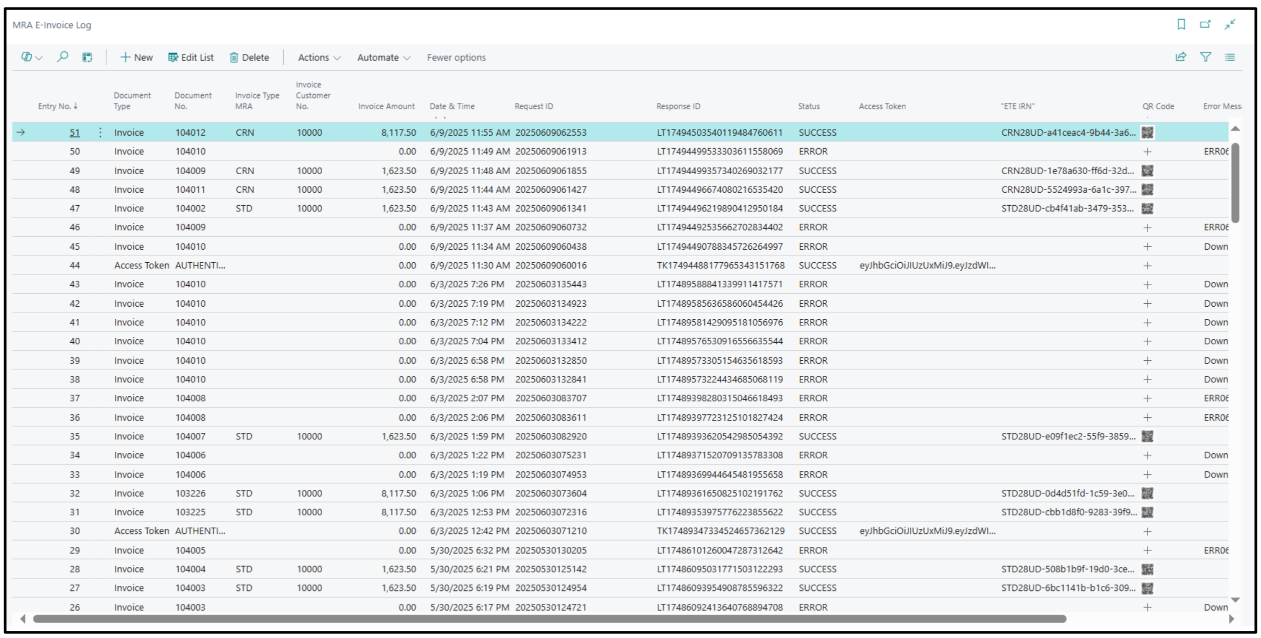


4. Post the Sales Invoice from the Sales Credit Memo.

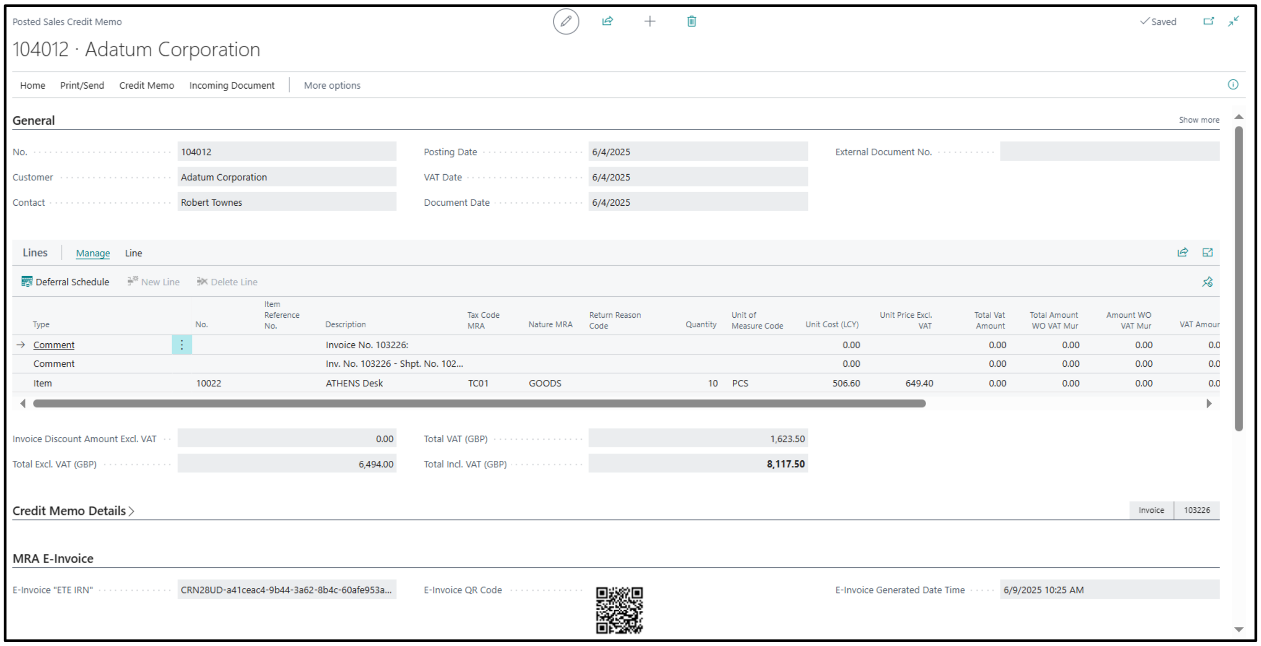




5. Verify that the **MRA Log** is updated.



6. Confirm that the **Posted Sales Credit Memo** reflects the MRA updates.



Posted Sales Credit Memo

104012 · Adatum Corporation

Home | Print/Send | Credit Memo | Incoming Document | More options

Saved

General

Show more

No.	104012	Posting Date	6/4/2025	External Document No.	
Customer	Adatum Corporation	VAT Date	6/4/2025		
Contact	Robert Townes	Document Date	6/4/2025		

Lines | Manage | Line

Deferral Schedule | New Line | Delete Line

Type	No.	Item Reference No.	Description	Tax Code MRA	Nature MRA	Return Reason Code	Quantity	Unit of Measure Code	Unit Cost (LCY)	Unit Price Excl. VAT	Total Vat Amount	Total Amount WO VAT Mur	Amount WO VAT Mur	VAT Amour
Comment			Invoice No. 103226:						0.00		0.00	0.00	0.00	0.0
Comment			Inv. No. 103226 - Shpt. No. 102...						0.00		0.00	0.00	0.00	0.0
Item	10022		ATHENS Desk	TC01	GOODS		10	PCS	506.60	649.40	0.00	0.00	0.00	0.0

Invoice Discount Amount Excl. VAT	0.00	Total VAT (GBP)	1,623.50
Total Excl. VAT (GBP)	6,494.00	Total Incl. VAT (GBP)	**8,117.50**

Credit Memo Details Invoice 103226

MRA E-Invoice

E-Invoice "ETE IRN"	CRN28UD-a41ceac4-9b44-3a62-8b4c-60afe953a...	E-Invoice QR Code		E-Invoice Generated Date Time	6/9/2025 10:25 AM