



# Infor XA – User Exits Summary of Changes

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## ***Cross Application Support User Exits***

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### **Supplemental Changes**

Following are the new user exits added to Cross Application Support.

Please see the *User Exits Guide* for more details about the existing user exits.

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## API: ATP calculation

### Program

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UMVCLC1R	Application: COM
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### Called from

---

AMVATP0R	EXT: Available to Promise
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### Parameters

Field	Mapping	Length	Type
Warehouse	B	3	alphanumeric
Item number	B	15	alphanumeric
Quantity on order	B	10.3	numeric
Request date	I	7.0	numeric
Ship lead time	B	2.0	numeric
Promise date (usr)	B	7.0	numeric
Display (usr)	B	10	numeric
Application ID	I	1	alphanumeric
Allow entry	I	10	alphanumeric
Issue U/M warning	I	10	alphanumeric

### Program execution point

AMVATP0R (EXT: Available to Promise) is called by AMBXXBFR (EXT: Avail/Cap to Promise), which is called in the following programs:

---

AMBBAD1R	DSP: CO Int/Cust Line Item
AMBAGETR	EDT: CO Blanket Release
AMBA3E1R	EDT: CO Customer Item
AMBA1E1R	EDT: CO Detailed Item
AMBB0E1R	EDT: CO Imm Customer Item
AMBB9E1R	EDT: CO Imm Detailed Item
AMBAXETR	EDT: Enter Blankets
AMBBBE1R	EDT: QT Customer Item
AMBBAE1R	EDT: QT Detailed Item
AMBNJXFR	EXT: Copy Ln/SpcChrg Live
AMBI7XFR	EXT: Copy Line Item>Live
AMBX0XFR	EXT: Copy Line Item Live
AMBNUXFR	EXT: Copy Offline Rls>Live

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AMBIYXFR	EXT: Line Item Ord Actions
AMBMWFR	EXT: Speed Edits & Calcs
AMBG1PVR	PMT: Line Item Ship To Ovr

## Special considerations

If the user exit End ATP Calculation is active at the same time as the API: ATP Calculation, this API will not execute.

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## AT: SP Reserved Action Trigger

### Program

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None	Application: COM
------	------------------

### Called from

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AMBADE1R	EDT: 1 Customer/item
AMBAUDFR	DSP: Company cust-items
AMBAVDFR	DSP: Company/cust items
AMBGYPVR	PMT: Ship to override
AMVAFEFR	EDT: Add country
AMVAGEFR	EDT: Country
AMVA7XFR	EXT: (FM) Nav/drvr maint
AMVA8XFR	EXT: (FM) Nav/drvr maint
AMVBRDFR	DSP: Maint ship to (FM)
AMVBUDFR	DSP: Confirm cust delete
AMVCDDFR	DSP: Confirm cust dlt IFM
AMVCLXFR	EXT: Create euro customer
AMVCSXFR	EXT: Mass/create add
AXPB4XFR	+EXT: Change order
AXPB5XFR	+EXT: Create order
AXPDEO0R	+EXT: Update ship to

### Parameters

None

### Trigger execution point

When this trigger is active, private user exit programs will be called just before the following user exits:

---

Exit: Customer maintenance  
Exit: Ship to maintenance  
Exit: Customer item

Private user exit programs will also be executed just after field editing in the following programs:

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AMVAFEFR	EDT: Add country
AMVAGEFR	EDT: Country

## **Special considerations**

This is not a program. Code associated with this action trigger is executed if XA SP reserved group and exit records are activated.

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**Exit: End of Shpmnt delete****Program**

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UMBHSPNR Application: COM**Called from**

---

AMBSPXFR EXT: Delete cons. shipment**Parameters**

---

<b>Field</b>	<b>Mapping</b>	<b>Length</b>	<b>Type</b>
*Return code	O	7	alphanumeric
Company number	I	2	numeric
Shipment number	I	7	numeric

**Program execution point**

After shipment delete has completed without any error.

**Special considerations**

None.



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## Exit: Invoice start run

### Program

---

UMBINVGR	Application: COM
----------	------------------

### Called from

---

AMBD1XFR	EXT: Invoice driver
----------	---------------------

### Parameters

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Field	Mapping	Length	Type
*Return code	O	7	alphanumeric
Userid	I	10	alphanumeric
Trigger sequence number	I	7.0	numeric
Invoice run type	I	1	alphanumeric

### Program execution point

Very beginning of invoice run before any invoices have been processed.

### Special considerations

**Note:** The valid Invoice run type values are:

- 0** Invoice
- 1** Reprint
- 2** Proforma
- 3** Packing
- 4** Bill of lading
- 5** Amount invoice
- 6** Update financial apps
- 7** Shipment proforma
- 8** Complementary

---

**Exit: Invoice end of run****Program**

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UMBINVGR	Application: COM
----------	------------------

**Called from**

---

AMBD1XFR	EXT: Invoice drive
----------	--------------------

**Parameters**

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Field	Mapping	Length	Type
*Return code	0	7	alphanumeric

---

**Program execution point**

Very end of invoice run after all invoices have been processed..

**Special considerations**

None.

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**Exit: EDI/offline entry**
**Program**


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 UMBOFL1R

Application: COM

**Called from**


---

 AMBGPXFR

EXT: Process selected ords

**Parameters**

Field	Mapping	Length	Type
Program return code		7	alphanumeric
LDA position 1 to 256		256	alphanumeric

**Program execution point**

After loading the offline files from the EDIPOR\* files, but prior to clearing the EDIPOR\* files.

**Special considerations**

None.

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**Exit: Post offline process****Program**

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UMBOFL2R	Application: COM
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**Called from**

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AMBE8XFR	EXT: Validate/Cpy Offline
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**Parameters**

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Field	Mapping	Length	Type
Program return code	I	7	alphanumeric
Order origin	I	1	alphanumeric
Transaction group number	I	11.0	numeric

---

**Program execution point**

At the end of offline processing, before the offline files are cleared.

**Special considerations**

None.

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**Exit: Pre pick list delete****Program**

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UMBPC7R

Application: COM

**Called from**

---

AMBP6DFR

PPS: Pick List Maintenance

**Parameters**

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<b>Field</b>	<b>Mapping</b>	<b>Length</b>	<b>Type</b>
Program return code		7	alphanumeric
Company number		2.0	numeric
Pick list number		7.0	numeric
Kit parent pick list		7.0	numeric
Delete allocationUSR?		1	alphanumeric

**Program execution point**

After confirmation of pick list delete, but prior to records actually being deleted.

**Special considerations**

None.

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## Exit: Date validation

### Program

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UMITRN1R	Application: IM
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### Called from

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AMI3B	Inventory Transaction Edit, Offline
AMI3I	InventoryData Entry
AMI32	Inventory Data Entry - Accounting
AMI33	Inventory Data Entry - Receiving
AMI34	Inventory Data Entry - Shipping
AMI35	Inventory Data Entry - Production Stores
AMI36	Inventory Data Entry - Production Floor
AMI37	Inventory Data Entry - Pick Complete
AMI5C	Physical Inv Transaction Edit, Offline
AMI5E	Physical Inv Transaction Entry

### Parameters

---

Field	Mapping	Length	Type
Transaction date	I	7.0	numeric
Warehouse	I	3	alphanumeric
Return code	I/O	7	alphanumeric

### Program execution point

This user exit is called after the date has been verified. If the return code is not equal to blanks, message E AM-3002 Date Not Valid is issued from the XA program.

### Special considerations

None.

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## Exit: Average/last cost update

### Program

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UMITRN2R	Application: IM
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### Called from

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AMVCU	Update Average/Last Cost - Generate CA
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### Parameters

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Field	Mapping	Length	Type
LDA	I/O	1024	alphanumeric
Order number	I	7	alphanumeric
New last cost	I/O	19.8	numeric
New average cost	I/O	19.8	numeric

### Program execution point

This user exit is called after Average and Last Costs are calculated. If the returned costs are not the same as passed, the new Average and/or Last Costs are used.

### Special considerations

The reason code is updated with the value "USRCHG" if the Average and/or Last Costs were changed by the user.

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## Exit: End ATP calculation

### Program

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UMVCLC2R                                  Application: CAS

### Called from

---

AMVATP0R                                  EXT: Available to Promise

### Parameters

Field	Mapping	Length	Type
Warehouse	B	3	alphanumeric
Item number	B	15	alphanumeric
Quantity on order	B	10.3	numeric
Request date	I	7.0	numeric
Ship lead time	B	2.0	numeric
Promise date (usr)	B	7.0	numeric
Display (usr)	B	10	numeric
Application ID	I	1	alphanumeric
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Issue U/M warning	I	10	alphanumeric

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AMBB9E1R	EDT: CO Imm Detailed Item
AMBAXETR	EDT: Enter Blankets
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AMBIYXFR	EXT: Line Item Ord Actions
AMBMWFR	EXT: Speed Edits & Calcs
AMBG1PVR	PMT: Line Item Ship To Ovr

## Special considerations

This exit will not be executed when the ATP Calculation API is active and is called after the ATP has been calculated. This is a unique user exit because it can return data to the calling program by modifying any of the "both" parameters.

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## Exit: Process shipment

### Program

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UXISHP1R	Application: ISL
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### Called from

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BER050	EXT: InterSite Transfer Ship
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### Parameters

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Field	Mapping	Length	Type
Company	I	2.0	numeric
Customer number	I	8.0	numeric
InterSite order number	I	7	alphanumeric
COM order number	I	7	alphanumeric
Item number	I	15	alphanumeric
Shipped quantity	I	10.3	numeric
Producing warehouse	I	3	alphanumeric
Transfer warehouse	I	3	alphanumeric
Original requesting warehouse	I	3	alphanumeric
Order complete (1/0)	I	1	alphanumeric

### Program execution point

The user exit is called when the program is processing the shipment of an item on an Intersite order. The exit will be called one time after all TW, IW, and RW transactions have completed and the intersite order has been updated. The call will occur just before the COM order is deleted, when the order has been shipped complete.

### Special considerations

None.

