



PENTAGON 2000 SOFTWARE

Aerexchange Interface Quick Reference

Pentagon 2000 Software
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TITLE:	Aerexchange Interface		
PART:	General System		
MODULE:	Inventory	BUILD	2022.1
RESPONSIBILITY:	Procedures Specialist, Pentagon 2000	REVISION:	00
APPROVED BY:	Vice President, Operations, Pentagon 2000	EFFECTIVE DATE:	2/27/2023

Aerexchange Interface Overview

Aerexchange network supports MRO business processes within the aviation industry for buyer and sellers. It provides a complete lifecycle of electronic communication by automating the exchange of documents and information for commercial transactions.

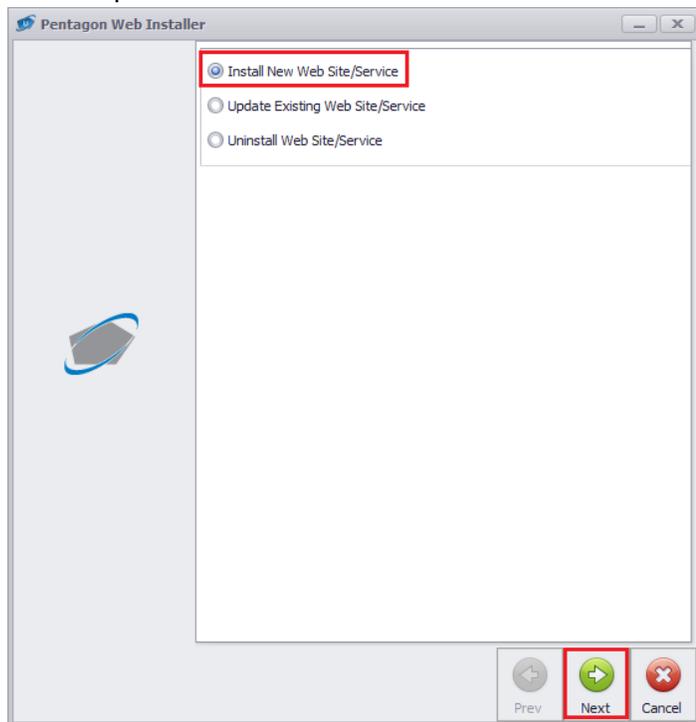
Install and Setup

Install Web Service

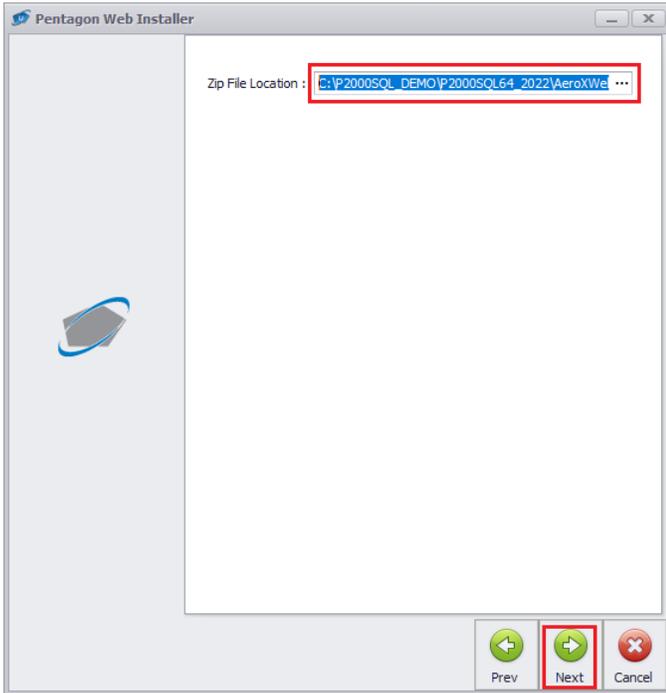
The first step in installing the Aerexchange module is to install Web Service.

In the pentagon folder load the utility manager executable file UtilityManager64 and click on Pentagon installer → Pentagon websites

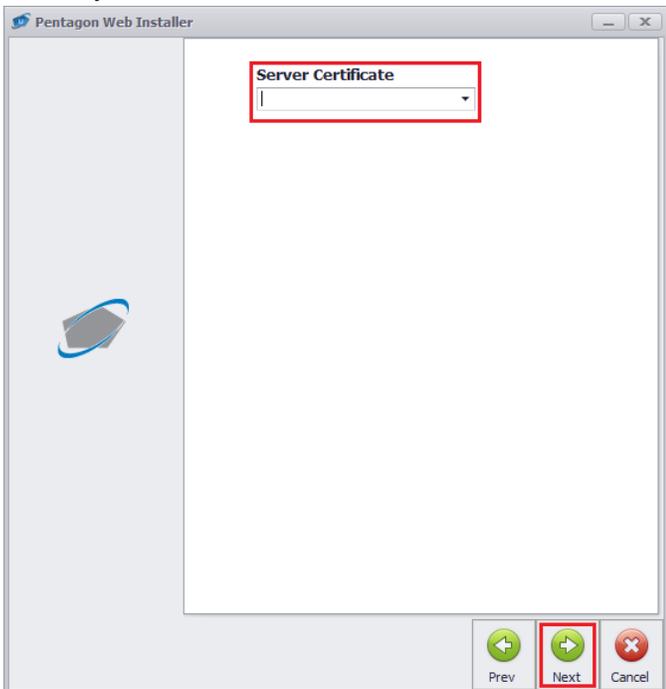
Select option **Install New Web Site/Service** and Click Next



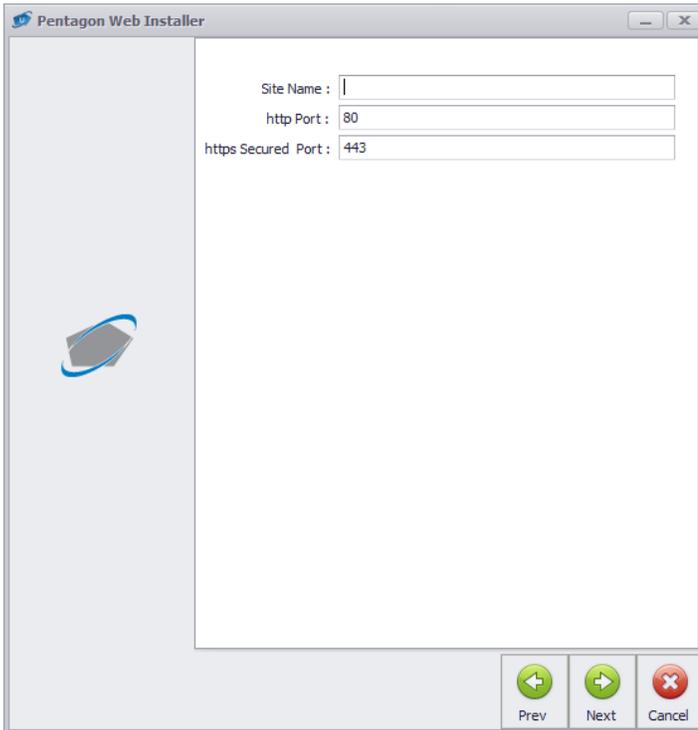
Click on Browse and locate to select the AeroXWebService zip file and click Next.



Select your Server Certificate and click Next.

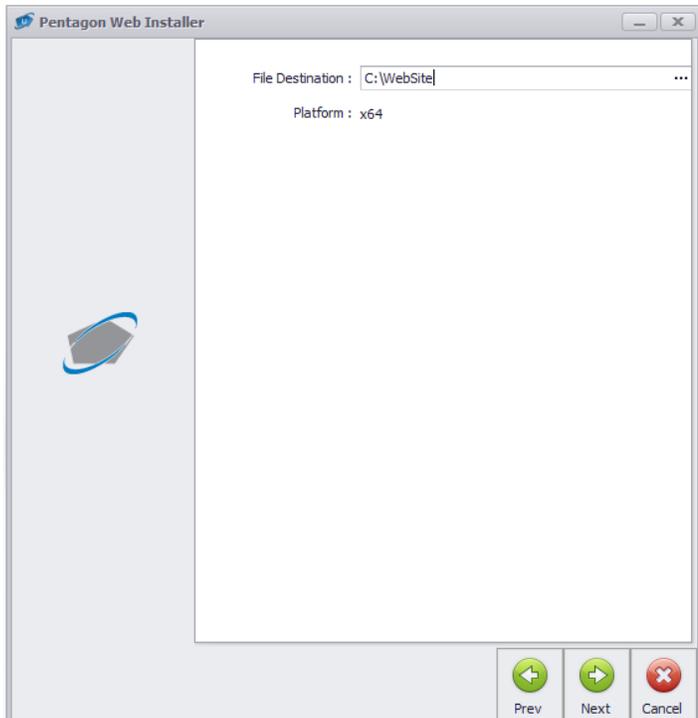


Type Site Name and click Next



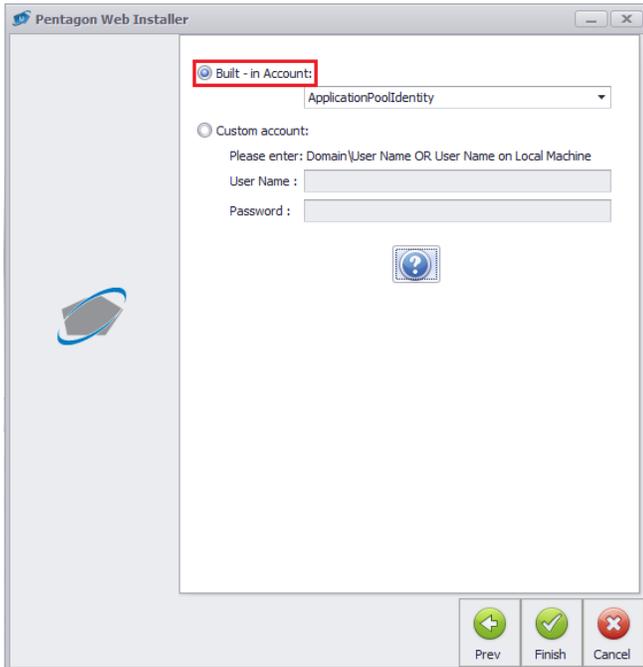
The screenshot shows the 'Pentagon Web Installer' dialog box. It has a title bar with the text 'Pentagon Web Installer' and standard window controls. On the left side, there is a vertical panel with the Pentagon logo. The main area contains three input fields: 'Site Name :', 'http Port : 80', and 'https Secured Port : 443'. At the bottom right, there are three buttons: 'Prev' (green left arrow), 'Next' (green right arrow), and 'Cancel' (red X).

Select file Destination and click Next

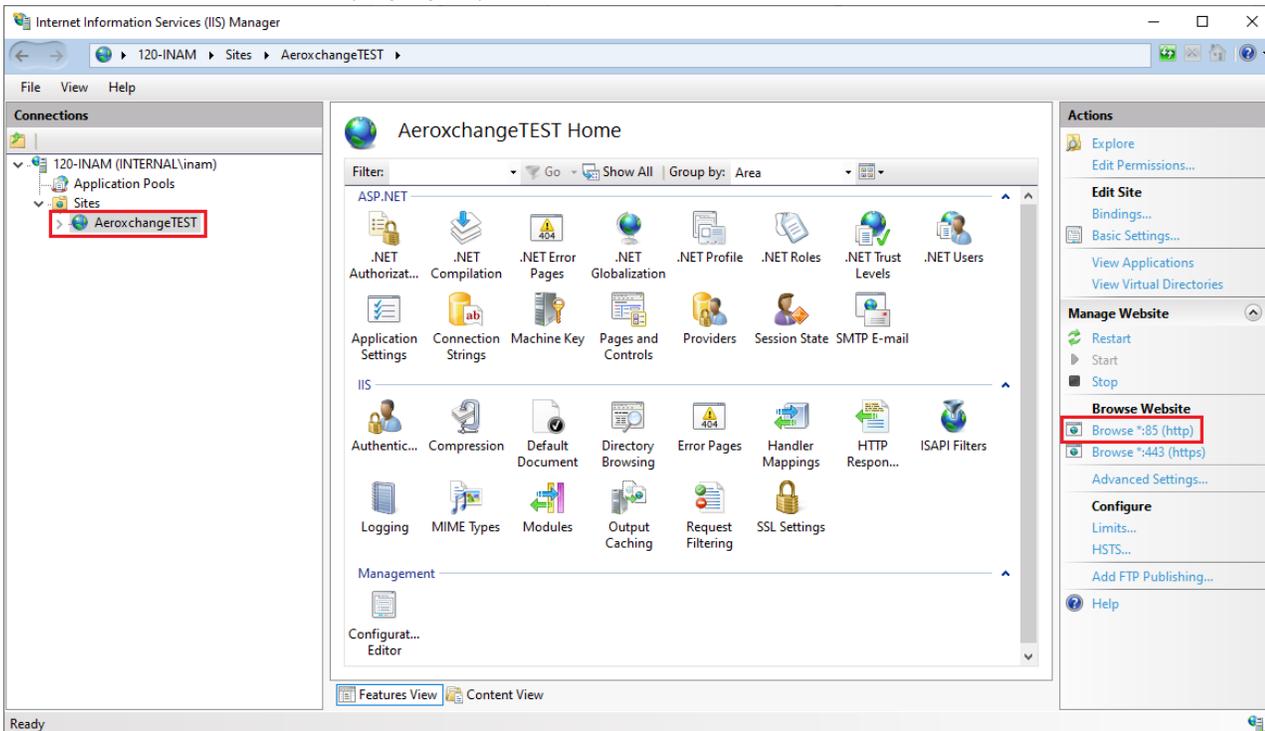


The screenshot shows the 'Pentagon Web Installer' dialog box. It has a title bar with the text 'Pentagon Web Installer' and standard window controls. On the left side, there is a vertical panel with the Pentagon logo. The main area contains two input fields: 'File Destination : C:\WebSite' and 'Platform : x64'. At the bottom right, there are three buttons: 'Prev' (green left arrow), 'Next' (green right arrow), and 'Cancel' (red X).

Choose Built – in Account. Click on Finish.



In the IIS Click on Browse (https port)



Verify AeroXWebService window after opening with Browse.



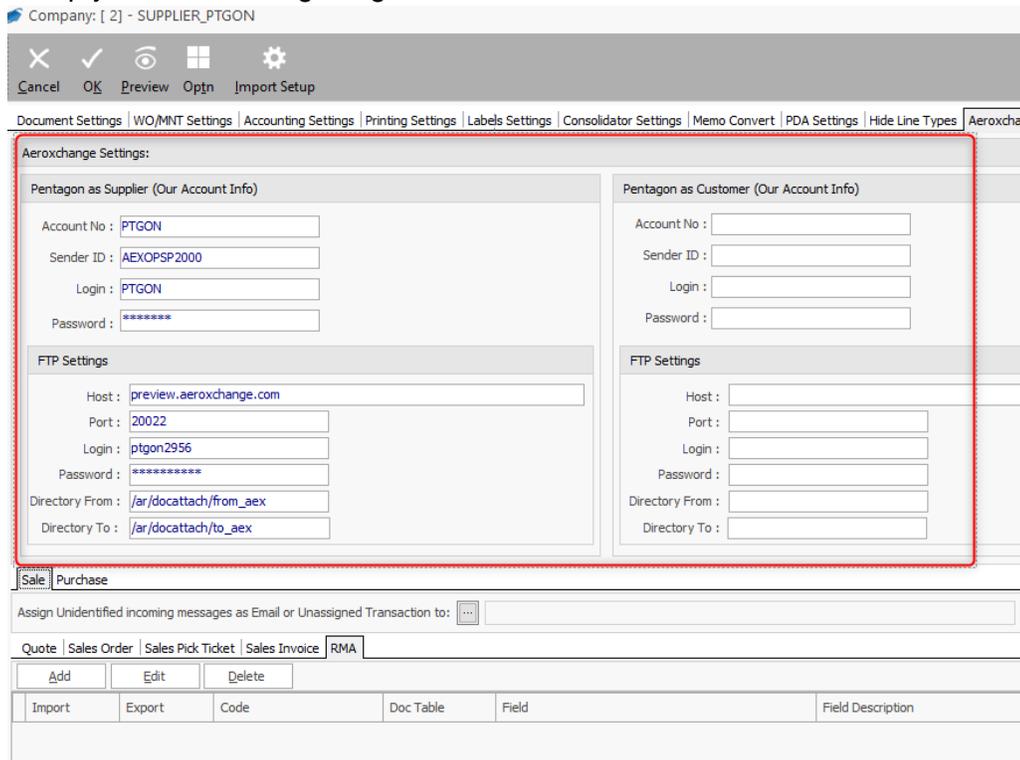
Setup Pentagon Settings

After web service installation setup Aeroxchange module setting in Pentagon.

General Settings

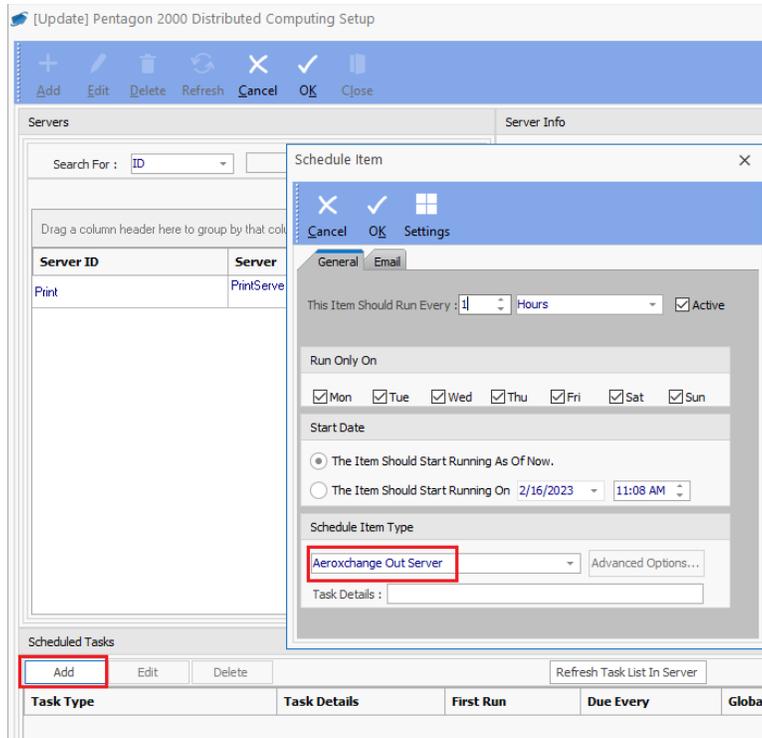
Aeroxchange login setting are under Administration → System Setup → Company/Div/Dept Setup → Aeroxchange.

Setup your Aeroxchange Login credentials:



Setup Scheduled Task

Add Task for Aeroxchange Out Service under Administration → Server Tasks and Groups → Add Task 'Aeroxchange Out Server'.

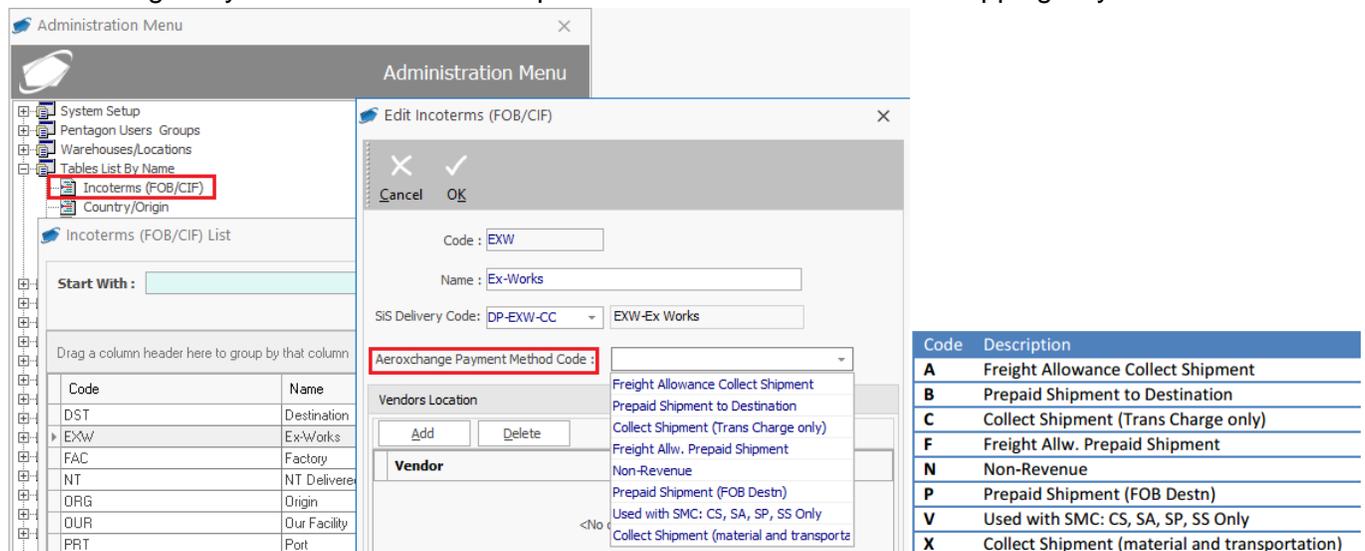


The screenshot shows the 'Schedule Item' dialog box with the following details:

- General Tab:**
 - This Item Should Run Every: 1 Hours
 - Run Only On: Mon, Tue, Wed, Thu, Fri, Sat, Sun (all checked)
 - Start Date: The Item Should Start Running As Of Now.
 - Schedule Item Type: **Aeroxchange Out Server** (highlighted with a red box)
- Scheduled Tasks Table:**
 - Buttons: Add, Edit, Delete
 - Buttons: Refresh Task List In Server

Terms / Incoterms List

Aeroxchange Payment Method Code drop down list will use codes from Shipping Payment Method table.



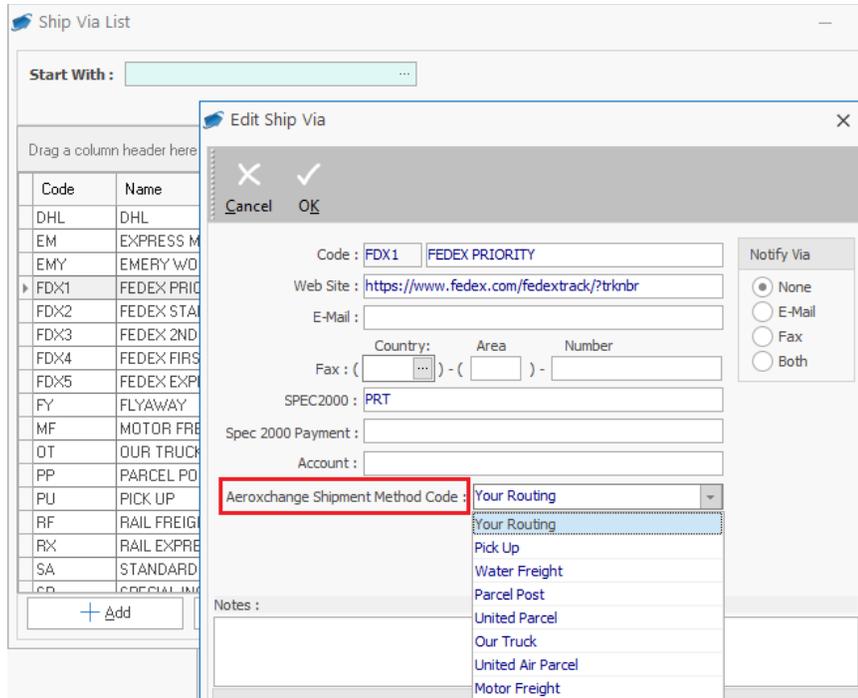
The 'Edit Incoterms (FOB/CIF)' dialog box shows the following details:

- Code:** EXW
- Name:** Ex-Works
- SIS Delivery Code:** DP-EXW-CC
- Aeroxchange Payment Method Code:** (highlighted with a red box, showing a dropdown list)

Code	Description
A	Freight Allowance Collect Shipment
B	Prepaid Shipment to Destination
C	Collect Shipment (Trans Charge only)
F	Freight Allow. Prepaid Shipment
N	Non-Revenue
P	Prepaid Shipment (FOB Destn)
V	Used with SMC: CS, SA, SP, SS Only
X	Collect Shipment (material and transportation)

Ship via List

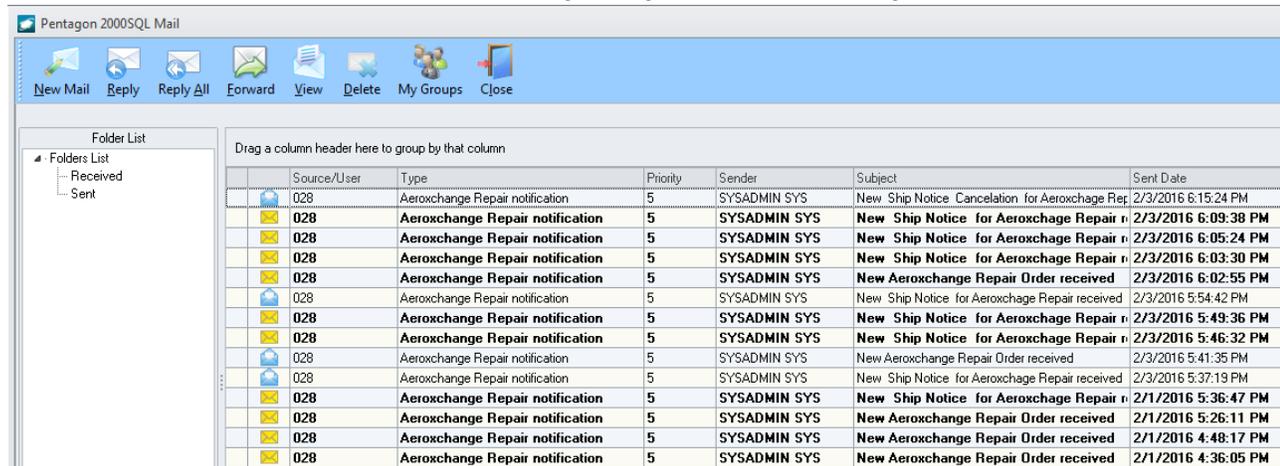
Aerexchange Shipping Method Codes table drop down list will use codes from Shipping Method Codes table.



Code	Description
AF	Air Freight
RF	Rail Freight
AP	Air Parcel Post
RX	Rail Express
AX	Air Express
SA	Standard Air
CS	Consolidated Services
SP	Special Instructions
FY	Flyaway
SS	Standard Surface
MF	Motor Freight
UA	United Air Parcel
OT	Our Truck
UP	United Parcel
PP	Parcel Post
WF	Water Freight
PU	Pick Up
YR	Your Routing

Pentagon Internal Mail

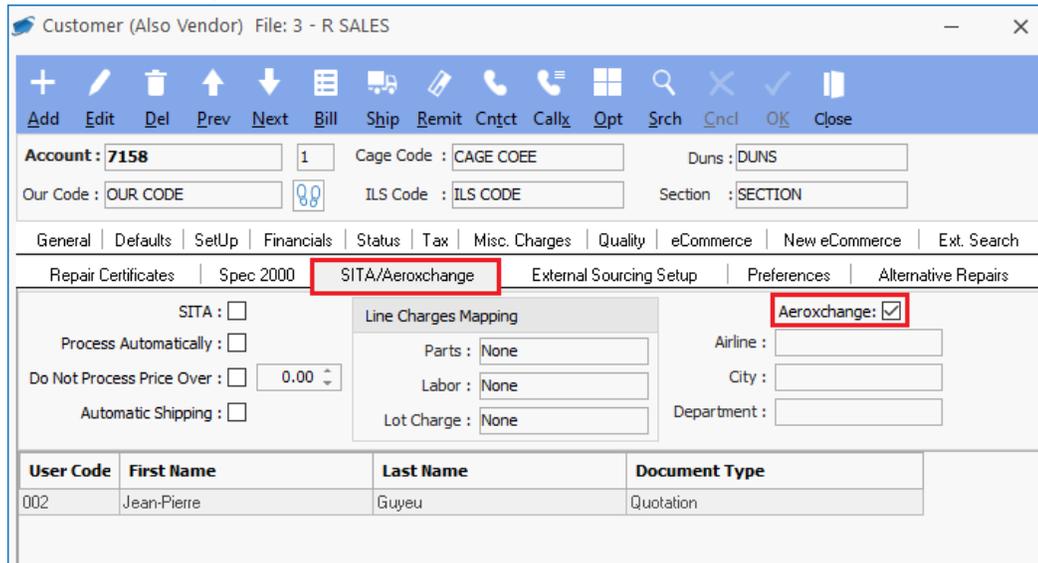
The user will be able to see notifications regarding the In/Out messages



Source/User	Type	Priority	Sender	Subject	Sent Date
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice Cancellation for Aerexchange Repair	2/3/2016 6:15:24 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/3/2016 6:09:38 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/3/2016 6:05:24 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/3/2016 6:03:30 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Aerexchange Repair Order received	2/3/2016 6:02:55 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/3/2016 5:54:42 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/3/2016 5:49:36 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/3/2016 5:46:32 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Aerexchange Repair Order received	2/3/2016 5:41:35 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/3/2016 5:37:19 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Ship Notice for Aerexchange Repair	2/1/2016 5:36:47 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Aerexchange Repair Order received	2/1/2016 5:26:11 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Aerexchange Repair Order received	2/1/2016 4:48:17 PM
028	Aerexchange Repair notification	5	SYSADMIN SYS	New Aerexchange Repair Order received	2/1/2016 4:36:05 PM

Customer file

In the Customer under SITA/Aerexchange tab - Mark checkbox 'Aerexchange'.
Set the sales documents that will be used for Aerexchange.
The document types are, Sales Order, Repair Receiver, Pick Ticket and Sales Invoice.



Customer (Also Vendor) File: 3 - R SALES

Account : 7158 1 Cage Code : CAGE COEE Duns : DUNS
Our Code : OUR CODE ILS Code : ILS CODE Section : SECTION

General | Defaults | SetUp | Financials | Status | Tax | Misc. Charges | Quality | eCommerce | New eCommerce | Ext. Search

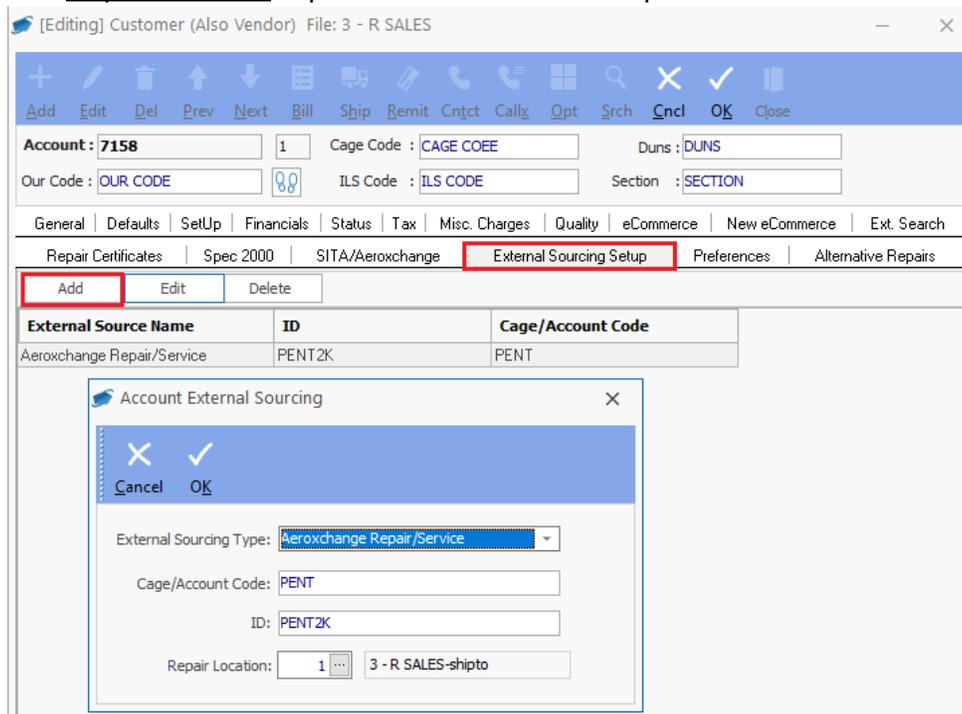
Repair Certificates | Spec 2000 | **SITA/Aerexchange** | External Sourcing Setup | Preferences | Alternative Repairs

SITA : **Aerexchange:**
Process Automatically : Airline :
Do Not Process Price Over : 0.00 City :
Automatic Shipping : Department :

Line Charges Mapping
Parts : None
Labor : None
Lot Charge : None

User Code	First Name	Last Name	Document Type
002	Jean-Pierre	Guyeu	Quotation

Set the Customer ID and Cage code.
Each Customer within Pentagon will have a Unique code.
The Repair Location is picked from Customer Ship To locations.



[Editing] Customer (Also Vendor) File: 3 - R SALES

Account : 7158 1 Cage Code : CAGE COEE Duns : DUNS
Our Code : OUR CODE ILS Code : ILS CODE Section : SECTION

General | Defaults | SetUp | Financials | Status | Tax | Misc. Charges | Quality | eCommerce | New eCommerce | Ext. Search

Repair Certificates | Spec 2000 | SITA/Aerexchange | **External Sourcing Setup** | Preferences | Alternative Repairs

Add Edit Delete

External Source Name	ID	Cage/Account Code
Aerexchange Repair/Service	PENT2K	PENT

Account External Sourcing

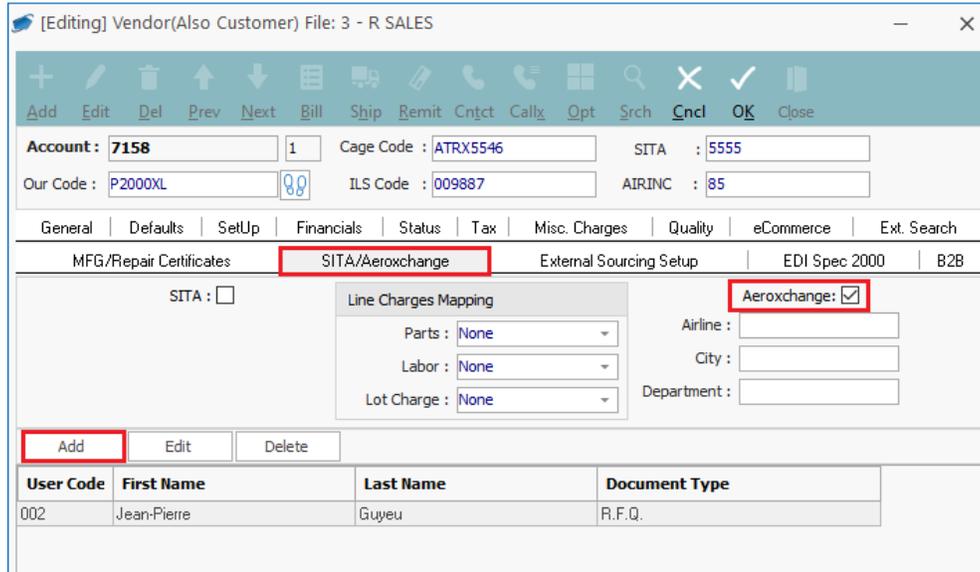
External Sourcing Type: **Aerexchange Repair/Service**
Cage/Account Code: PENT
ID: PENT2K
Repair Location: 1 3 - R SALES-shipto

Vendor File

In the Vendor under SITA/Aerexchange tab - Mark checkbox 'Aerexchange'.

Setup the sales documents that will be used for Aerexchange.

The document types are, Purchase Order Repairs, Shipper Repairs, Receiving Repairs, and Invoices Repairs



[Editing] Vendor(Also Customer) File: 3 - R SALES

Account: 7158 | Cage Code: ATRX5546 | SITA: 5555
 Our Code: P2000XL | ILS Code: 009887 | AIRINC: 85

General | Defaults | SetUp | Financials | Status | Tax | Misc. Charges | Quality | eCommerce | Ext. Search

MFG/Repair Certificates | **SITA/Aerexchange** | External Sourcing Setup | EDI Spec 2000 | B2B

SITA: | Aerexchange:

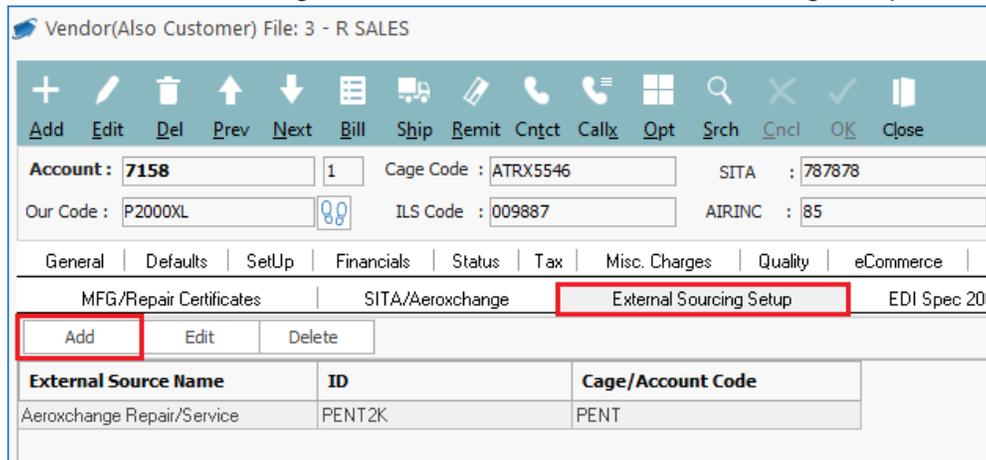
Line Charges Mapping
 Parts: None | Labor: None | Lot Charge: None

Airline: | City: | Department: |

Add | Edit | Delete

User Code	First Name	Last Name	Document Type
002	Jean-Pierre	Guyeu	R.F.Q.

Set Vendor ID and Cage code under Vendor External Sourcing Setup tab.



Vendor(Also Customer) File: 3 - R SALES

Account: 7158 | Cage Code: ATRX5546 | SITA: 787878
 Our Code: P2000XL | ILS Code: 009887 | AIRINC: 85

General | Defaults | SetUp | Financials | Status | Tax | Misc. Charges | Quality | eCommerce

MFG/Repair Certificates | SITA/Aerexchange | **External Sourcing Setup** | EDI Spec 2000

Add | Edit | Delete

External Source Name	ID	Cage/Account Code
Aerexchange Repair/Service	PENT2K	PENT

Workflow Chart

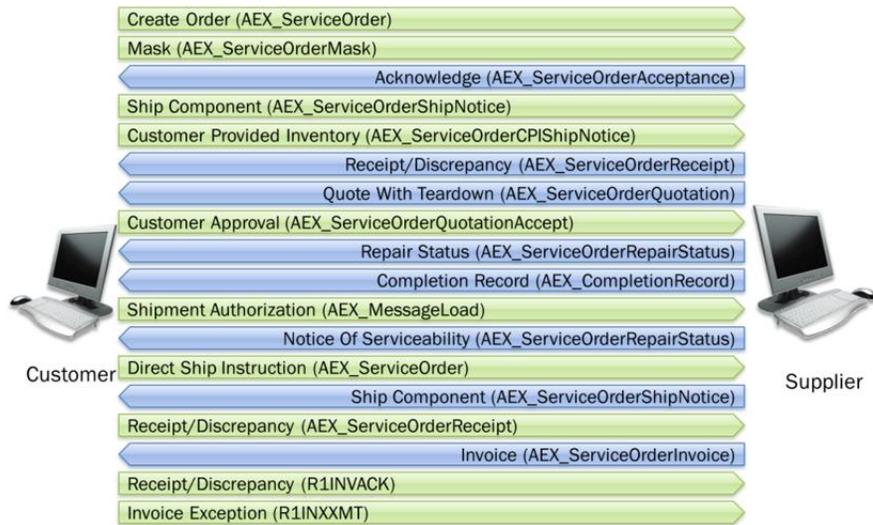
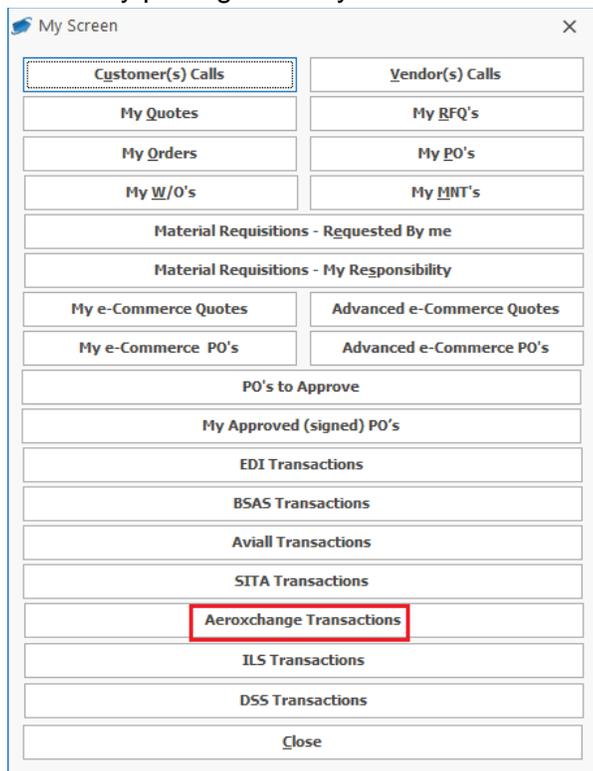


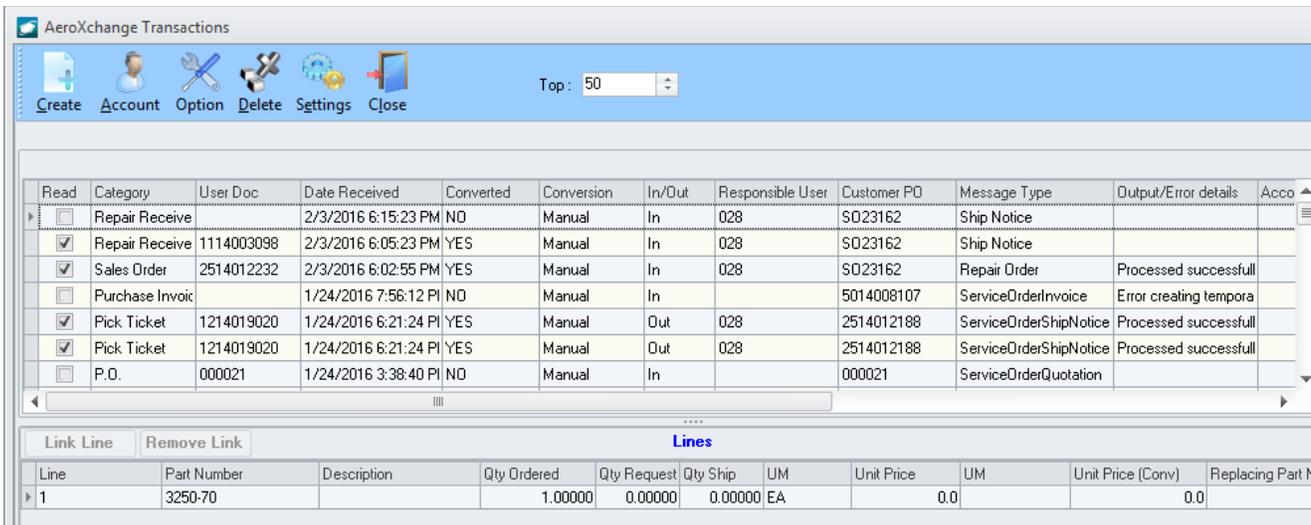
Figure 2 AeroRepair Messages

Send/Receive Messages thru Pentagon

Under My pentagon → My screen → Aeroxchange transactions:



Click on Aeroxchange Transactions to open Aeroxchange Transactions screen:



AeroXchange Transactions

Top: 50

Create Account Option Delete Settings Close

Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Responsible User	Customer PO	Message Type	Output/Error details	Acco
<input type="checkbox"/>	Repair Receive		2/3/2016 6:15:23 PM	NO	Manual	In	028	S023162	Ship Notice		
<input checked="" type="checkbox"/>	Repair Receive	1114003098	2/3/2016 6:05:23 PM	YES	Manual	In	028	S023162	Ship Notice		
<input checked="" type="checkbox"/>	Sales Order	2514012232	2/3/2016 6:02:55 PM	YES	Manual	In	028	S023162	Repair Order	Processed successfull	
<input type="checkbox"/>	Purchase Invoic		1/24/2016 7:56:12 P	NO	Manual	In		5014008107	ServiceOrderInvoice	Error creating tempora	
<input checked="" type="checkbox"/>	Pick Ticket	1214019020	1/24/2016 6:21:24 P	YES	Manual	Out	028	2514012188	ServiceOrderShipNotice	Processed successfull	
<input checked="" type="checkbox"/>	Pick Ticket	1214019020	1/24/2016 6:21:24 P	YES	Manual	Out	028	2514012188	ServiceOrderShipNotice	Processed successfull	
<input type="checkbox"/>	P.O.	000021	1/24/2016 3:38:40 P	NO	Manual	In		000021	ServiceOrderQuotation		

Link Line Remove Link

Lines

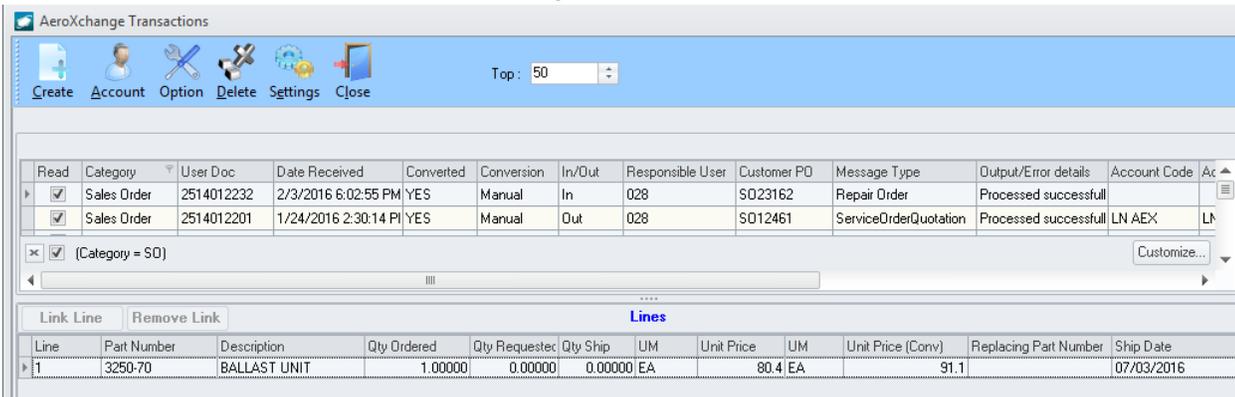
Line	Part Number	Description	Qty Ordered	Qty Request	Qty Ship	UM	Unit Price	UM	Unit Price (Conv)	Replacing Part N
1	3250-70		1.00000	0.00000	0.00000	EA	0.0		0.0	

Pentagon as Supplier (Aeroxchange Repairs Sales)

Create Order (AEX_ServiceOrder) Transaction

Pentagon Web service will receive transaction of type AEX_ServiceOrder

The record will be added in the Aeroxchange transactions screen:



AeroXchange Transactions

Top: 50

Create Account Option Delete Settings Close

Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Responsible User	Customer PO	Message Type	Output/Error details	Account Code	Ac
<input checked="" type="checkbox"/>	Sales Order	2514012232	2/3/2016 6:02:55 PM	YES	Manual	In	028	S023162	Repair Order	Processed successfull		
<input checked="" type="checkbox"/>	Sales Order	2514012201	1/24/2016 2:30:14 P	YES	Manual	Out	028	S012461	ServiceOrderQuotation	Processed successfull	LN AEX	LN

(Category = SO) Customize...

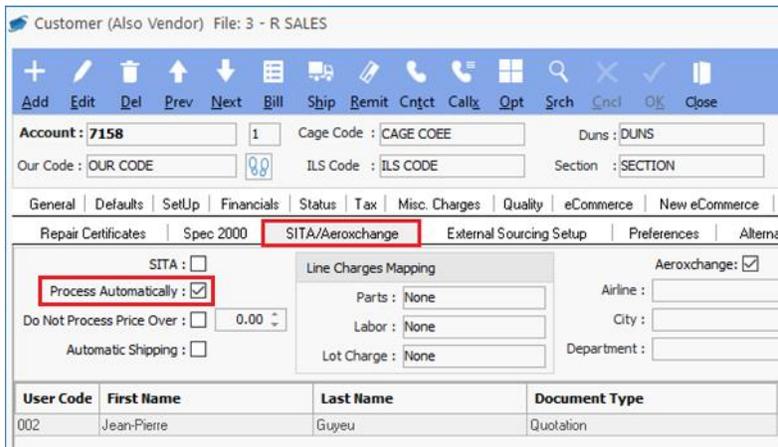
Link Line Remove Link

Lines

Line	Part Number	Description	Qty Ordered	Qty Requester	Qty Ship	UM	Unit Price	UM	Unit Price (Conv)	Replacing Part Number	Ship Date
1	3250-70	BALLAST UNIT	1.00000	0.00000	0.00000	EA	80.4	EA	91.1		07/03/2016

Parameters

1. Category: Sales Order
2. User Doc: Empty
3. Date Received: Date when transaction was received
4. Converted: No
5. Conversion: Manual / Automatic
Depends on Process Automatically flag setup in Customer → SITA/Aeroxchange tab



Customer (Also Vendor) File: 3 - R SALES

Account: 7158 Cage Code: CAGE COEE Duns: DUNS
Our Code: OUR CODE ILS Code: ILS CODE Section: SECTION

General Defaults SetUp Financials Status Tax Misc. Charges Quality eCommerce New eCommerce

Repair Certificates Spec 2000 **SITA/Aerexchange** External Sourcing Setup Preferences Alternati

SITA: Process Automatically: Do Not Process Price Over: 0.00 Automatic Shipping:

Line Charges Mapping
Parts: None Labor: None Lot Charge: None

Aerexchange: Airline: City: Department:

User Code	First Name	Last Name	Document Type
002	Jean-Pierre	Guyeu	Quotation

6. In/Out: In
7. Responsible User: Defined user in Customer – SITA/Aerexchange for Category Sales Order Repairs
8. Customer PO: From XML received <ServiceOrderNumber>
9. Message Type: Repair Order

System will send an automatic email notification to user set in the Customer SITA/Aerexchange tab with subject 'New Aerexchange Repair Order received'.

Account button

The 'Account' button will open Add New Account and will allow create the new Customer

Create button:

Press on 'Create' will create the Sales Order

If Sales Order is not created successfully, the record will remain in transactions table without changes above.

Change / Cancel Sales Order

XML received with Transaction Type = C (Change) will make changes in the created Sales Order

XML received with Transaction Type = X (Cancel) will cancel the already created Sales Order

Acknowledge (AEX_ServiceOrderAcceptance) Transaction

This transaction will not show in Aerexchange Transactions screen.

The XML with this message will be sent from Pentagon automatically after receiving the AEX_ServiceOrder message:

Ship Component (AEX_ServiceOrderShipNotice) Transaction

Pentagon Web service will receive transaction of type AEX_ServiceOrderShipNotice

The record will be added in the Aerexchange transactions screen:

AeroXchange Transactions

Top: 50

Create Account Option Delete Settings Close

Read	Category	User Doc	Customer PO	Date Received	Converted	Conversion	In/Out	Responsible	Account Code	Message Type
<input checked="" type="checkbox"/>	Repair Receive	1114003098	SO23162	2/3/2016 6:05:23 F	YES	Manual	In	028		Ship Notice
<input checked="" type="checkbox"/>	Repair Receive	1114003084	SO12461	1/24/2016 3:20:09	YES	Manual	In	028	76381	Ship Notice
<input checked="" type="checkbox"/>	Repair Receive	1114003084	SO12461	1/24/2016 3:20:09	YES	Manual	In	028	LN AEX	Ship Notice

(Category = SR) Customize...

Link Line Remove Link

Lines

Line	Part Number	Description	Qty Ordered	Qty Request	Qty Ship	UM	Unit Price	UM
1	3250-70		1.00000	0.00000	0.00000	EA		0.0

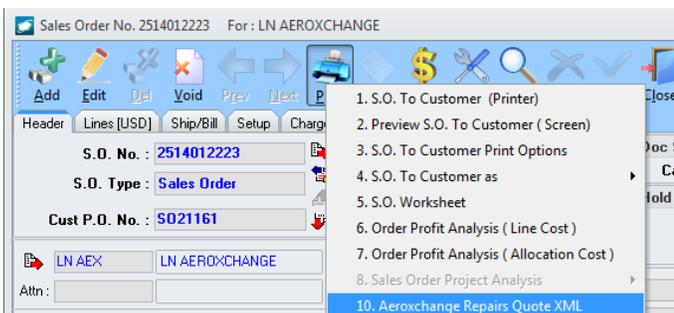
Parameters

1. Category: Sales Receiver
2. Date Received: Date when transaction was received
3. Converted: No
4. Conversion: Empty
5. In/Out: In
6. Responsible User: Defined in company setup – SITA/Aerexchange – Repair Receivers
7. Customer PO: From XML received <ServiceOrderNumber>
8. Message Type: Ship Notice

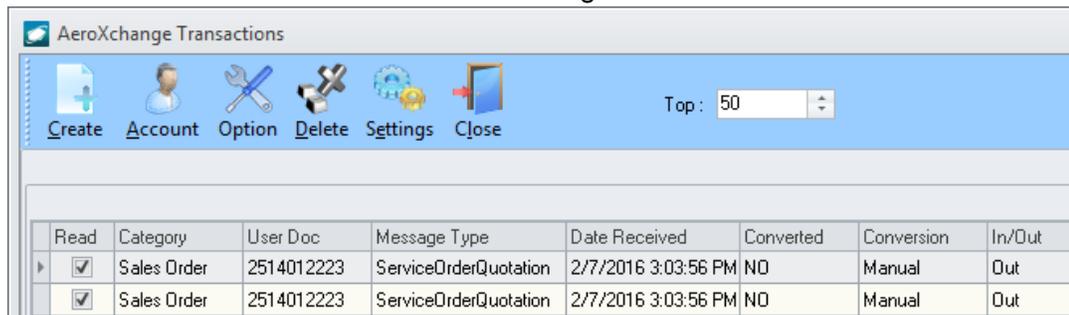
The automatic email notification will be sent with subject: “New Ship Notice for Aerexchange Repair received”.

Quote with Teardown (AEX_ServiceOrderQuotation) Transaction

Under SO → Print → Aerexchange Repairs Quote XML will generate the XML



The record will be added into the Aeroxchange transactions screen:



Read	Category	User Doc	Message Type	Date Received	Converted	Conversion	In/Out
<input checked="" type="checkbox"/>	Sales Order	2514012223	ServiceOrderQuotation	2/7/2016 3:03:56 PM	NO	Manual	Out
<input checked="" type="checkbox"/>	Sales Order	2514012223	ServiceOrderQuotation	2/7/2016 3:03:56 PM	NO	Manual	Out

Parameters

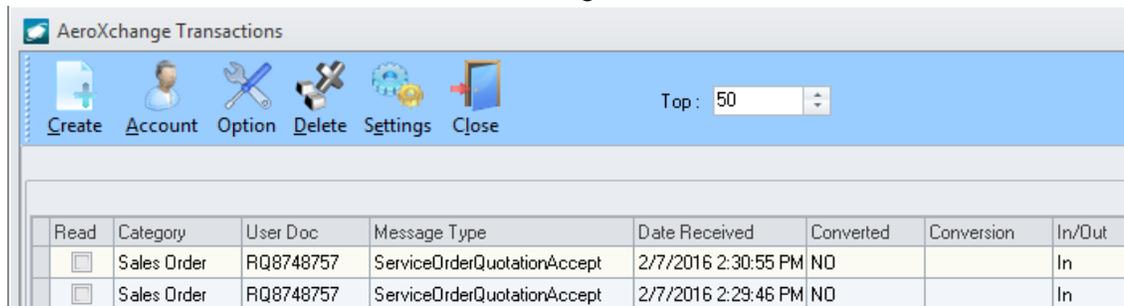
1. Category: Sales Order
2. Date Received: Date when transaction was added
3. Converted: No
4. Conversion: Manual
5. In/Out: Out
6. Responsible User
7. Customer PO: from the SO header
8. Message Type: ServiceOrderQuotation

The scheduling server will send the ServiceOrderQuotation message from Pentagon to the customer.

Customer Approval (AEX_ServiceOrderQuotationAccept) Transaction

Pentagon Web service will receive transaction of type AEX_ServiceOrderQuotationAccept

The record will be added into the Aeroxchange transactions screen.



Read	Category	User Doc	Message Type	Date Received	Converted	Conversion	In/Out
<input type="checkbox"/>	Sales Order	RQ8748757	ServiceOrderQuotationAccept	2/7/2016 2:30:55 PM	NO		In
<input type="checkbox"/>	Sales Order	RQ8748757	ServiceOrderQuotationAccept	2/7/2016 2:29:46 PM	NO		In

Parameters

1. Category: Sales Order
2. Date Received: Date when transaction was received
3. Converted: No
4. In/Out: In
5. Responsible User

6. Customer PO: from the SO header
7. Message Type: ServiceOrderQuotationAccept

The automatic email notification will be sent with subject: "New Customer Approval/Reject for Aeroxchange Repair received."

Create button:

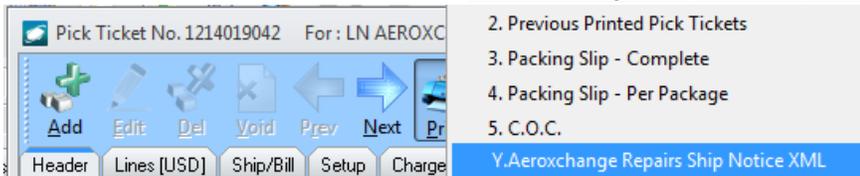
The 'Create' button will update the Sales Order line, cost tab with:

- Fill into Date/Time field the date when XML was received
- Mark 'Approved' radio button

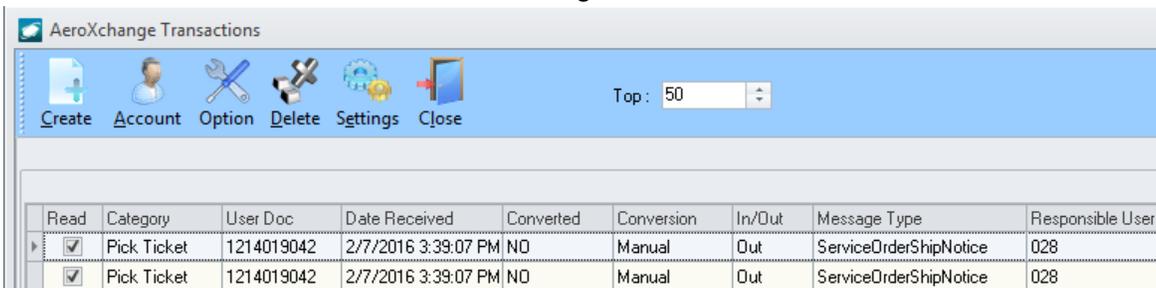


Ship Component (AEX_ ServiceOrderShipNotice) Transaction

Under Sales Pick Ticket → Print → Aeroxchange Repairs Ship Notice XML will generate the XML



The record will be added into the Aeroxchange transactions screen:



Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type	Responsible User
<input checked="" type="checkbox"/>	Pick Ticket	1214019042	2/7/2016 3:39:07 PM	NO	Manual	Out	ServiceOrderShipNotice	028
<input checked="" type="checkbox"/>	Pick Ticket	1214019042	2/7/2016 3:39:07 PM	NO	Manual	Out	ServiceOrderShipNotice	028

Parameters

1. Category: Pick Ticket
2. Date Received: Date when transaction was added
3. Converted: No

4. Conversion: Manual
5. In/Out: Out
6. Responsible User
7. Customer PO: Customer PO from the SO header
8. Message Type: ServiceOrderShipNotice

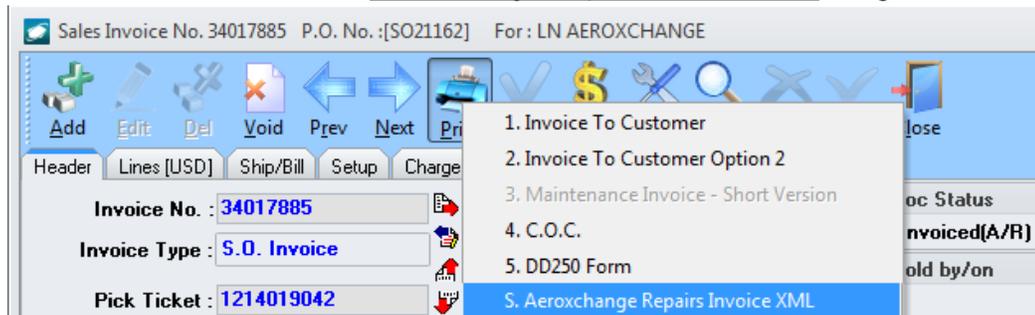
The scheduling server will send the ServiceOrderShipNotice message from Pentagon to the customer.

Voiding Pick ticket

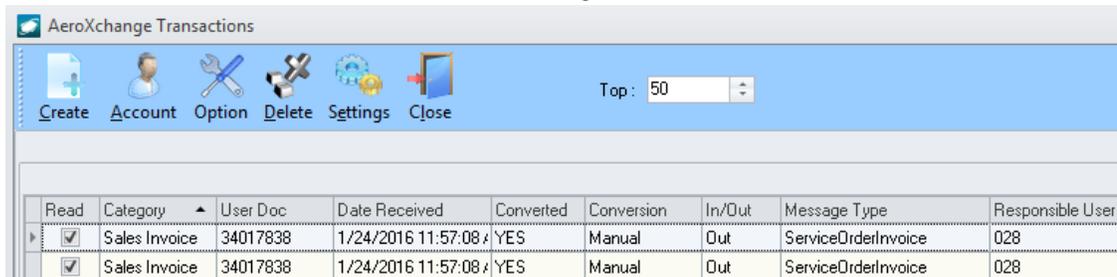
If voiding the pick ticket, a record is added in the Aeroexchange Transactions table and the scheduling server will send the ServiceOrderShipNotice message to the customer.

Invoice (AEX_ServiceOrderInvoice) Transaction

In Sales Invoice → Print → Aeroexchange Repairs Invoice XML will generate the XML



The record will be added into the Aeroexchange transactions screen.



The screenshot shows the 'AeroXchange Transactions' window with a table containing two records. The table has columns: Read, Category, User Doc, Date Received, Converted, Conversion, In/Out, Message Type, and Responsible User.

Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type	Responsible User
<input checked="" type="checkbox"/>	Sales Invoice	34017838	1/24/2016 11:57:08	YES	Manual	Out	ServiceOrderInvoice	028
<input checked="" type="checkbox"/>	Sales Invoice	34017838	1/24/2016 11:57:08	YES	Manual	Out	ServiceOrderInvoice	028

Parameters

1. Category: Sales Invoice
2. Date Received: Date when transaction was added
3. Converted: No
4. Conversion: Manual
5. In/Out: Out
6. Responsible User
7. Customer PO: Customer PO from the SO header

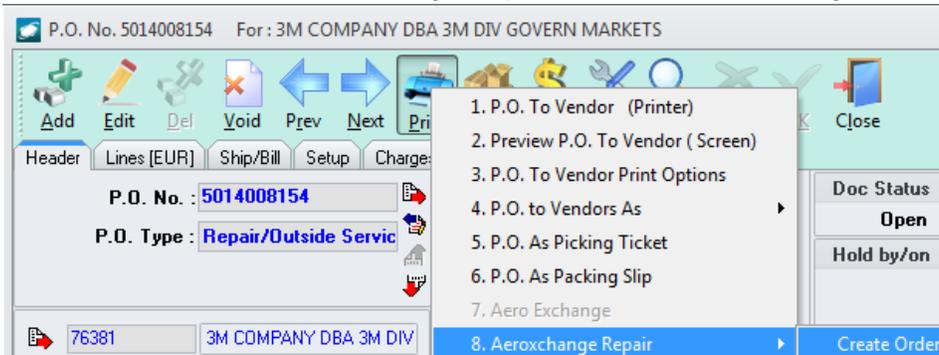
8. Message Type: ServiceOrderInvoice

The scheduling server will send the ServiceOrderInvoice message from Pentagon to the customer.

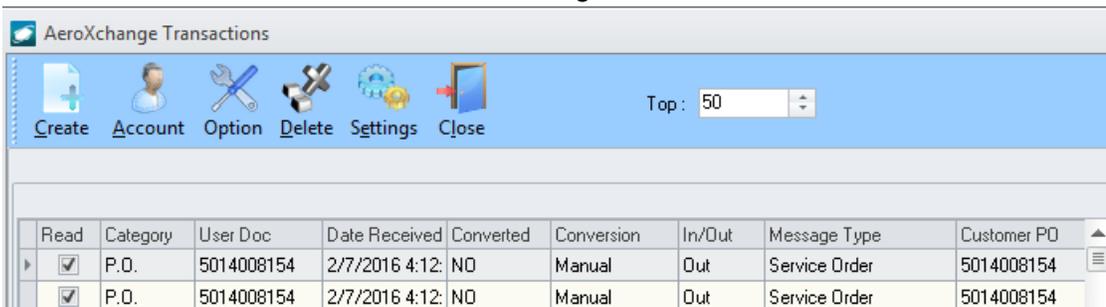
Pentagon as Customer (Aerexchange Repair Purchasing)

Create Order (AEX_ServiceOrder) Transaction

Under PO → Print → Aerexchange Repair → Create Order will generate the XML



The record will be added into the Aerexchange transactions screen:



Parameters

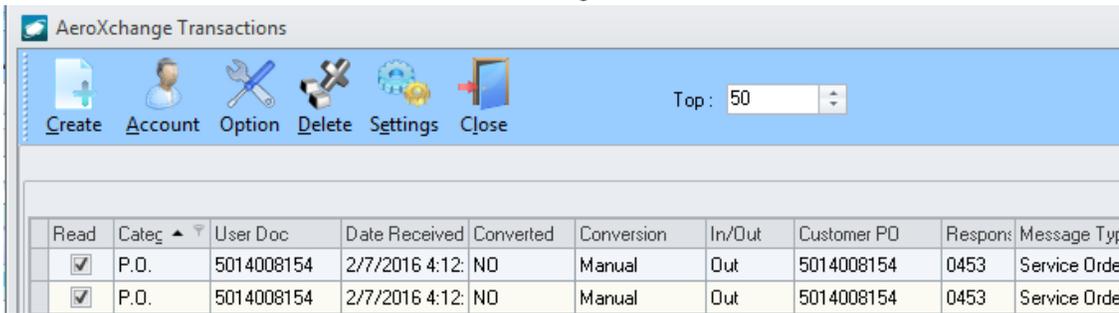
1. Category: Purchase Order
2. Date Received: Date when transaction was added into the table
3. Converted: No
4. Conversion: Manual
5. In/Out: Out
6. Responsible User
7. Customer PO: PO user doc number
8. Message Type: ServiceOrder

The scheduling server will send the ServiceOrder message from Pentagon to the vendor / supplier.

Acknowledge (AEX_ServiceOrderAcceptance) Transaction

Pentagon Web service will receive transaction of type AEX_ ServiceOrderAcceptance

The record will be added into the Aeroxchange transactions screen.

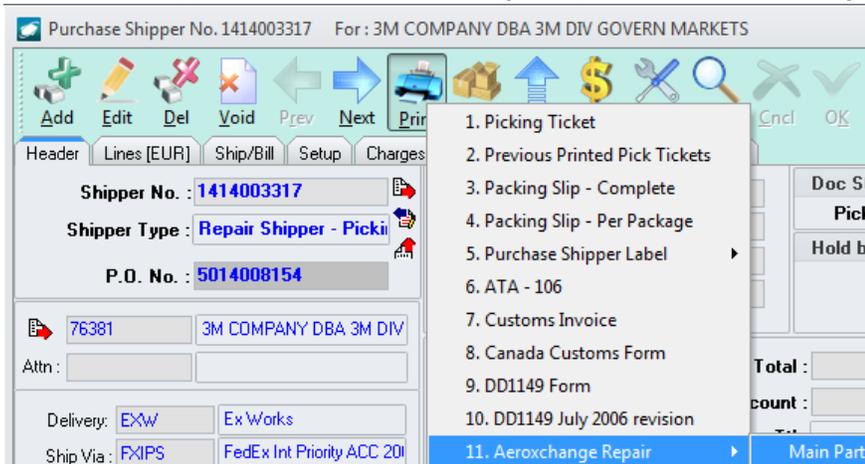


Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Customer PO	Response	Message Type
<input checked="" type="checkbox"/>	P.O.	5014008154	2/7/2016 4:12	NO	Manual	Out	5014008154	0453	Service Orde
<input checked="" type="checkbox"/>	P.O.	5014008154	2/7/2016 4:12	NO	Manual	Out	5014008154	0453	Service Orde

System will find PO and fill the acknowledge date in the PO header. An automatic email notification will be sent to buyer person 1.

Ship Component (AEX_ServiceOrderShipNotice) Transaction

Purchase Shipper – Print – Aeroxchange Repair – Main Part will generate the XML



Purchase Shipper No. 1414003317 For: 3M COMPANY DBA 3M DIV GOVERN MARKETS

Header | Lines [EUR] | Ship/Bill | Setup | Charges

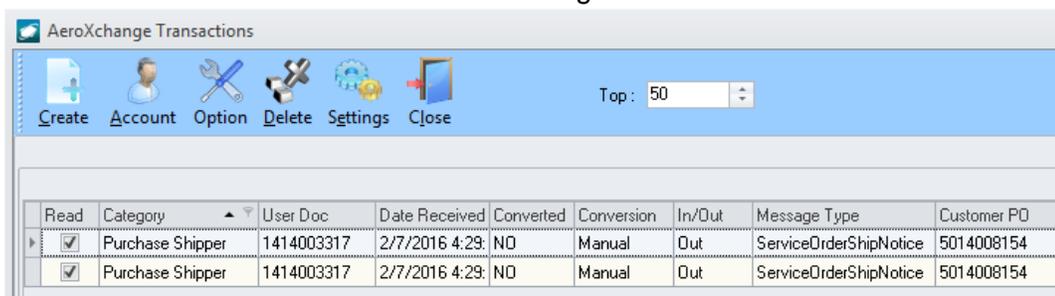
Shipper No.: 1414003317
 Shipper Type: Repair Shipper - Picki
 P.O. No.: 5014008154

76381 | 3M COMPANY DBA 3M DIV
 Attn: | |

Delivery: EXW | Ex Works
 Ship Via: FXIPS | FedEx Int Priority ACC 20

- 1. Picking Ticket
- 2. Previous Printed Pick Tickets
- 3. Packing Slip - Complete
- 4. Packing Slip - Per Package
- 5. Purchase Shipper Label
- 6. ATA - 106
- 7. Customs Invoice
- 8. Canada Customs Form
- 9. DD1149 Form
- 10. DD1149 July 2006 revision
- 11. Aeroxchange Repair

The record will be added into the Aeroxchange transactions screen:



Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type	Customer PO
<input checked="" type="checkbox"/>	Purchase Shipper	1414003317	2/7/2016 4:29	NO	Manual	Out	ServiceOrderShipNotice	5014008154
<input checked="" type="checkbox"/>	Purchase Shipper	1414003317	2/7/2016 4:29	NO	Manual	Out	ServiceOrderShipNotice	5014008154

Parameters

1. Category: Purchase Shipper
2. Date Received: Date when transaction was added into table
3. Converted: No
4. Conversion: Manual
5. In/Out: Out
6. Responsible User
7. Customer PO: PO user doc number
8. Message Type: ServiceOrderShipNotice

The scheduling server will send the ServiceOrderShipNotice message from Pentagon to the customer.

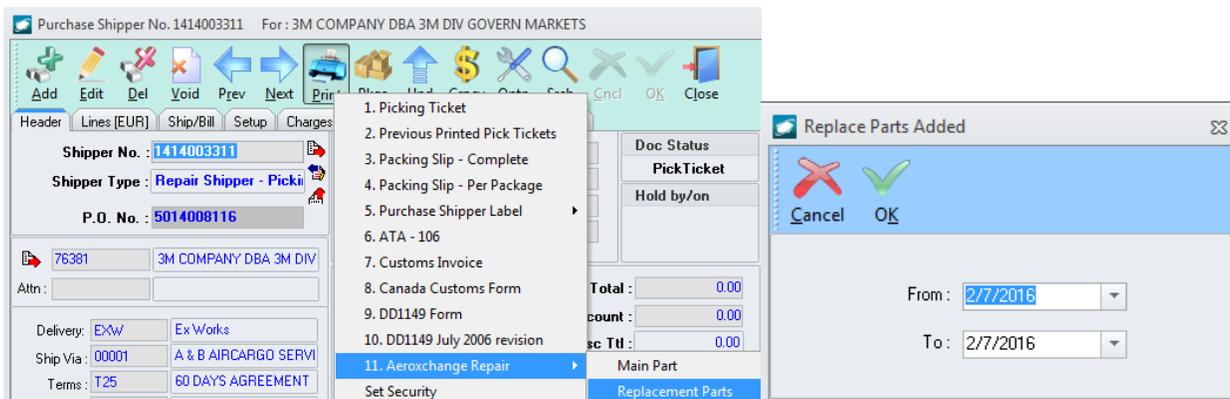
Note: Only line type 04 or 38 from the purchase shipper will be sent.

Voiding Purchase Shipper

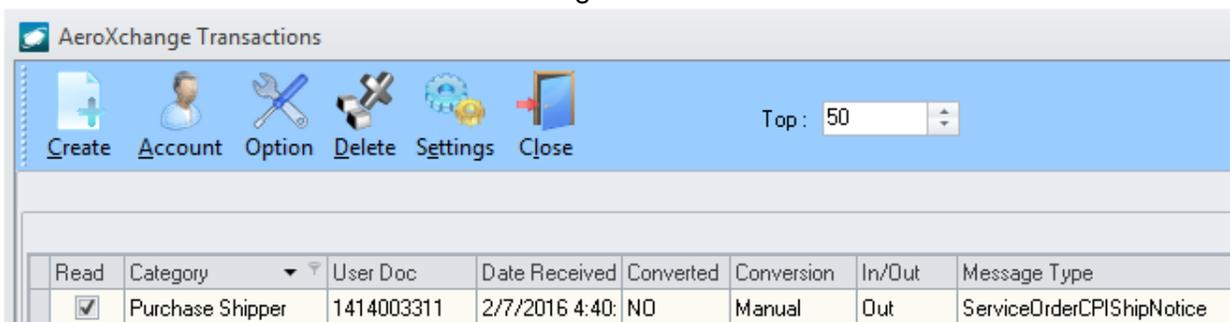
When voiding, the record will be added into the Aeroxchange Transactions table and the scheduling server will send the ServiceOrderShipNotice message to vendor / supplier.

Customer Provided Inventory (AEX_ServiceOrderCPIShipNotice) Transaction

Under Purchase Shipper → Print → Aeroxchange Repair → Replacement Parts option will open 'Replace Parts Added' From/To date's wizard which will create the XML.



The record will be added into the Aeroxchange transactions screen:



The screenshot shows the 'AeroXchange Transactions' screen with a table containing one record. The table has the following columns and data:

Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type
<input checked="" type="checkbox"/>	Purchase Shipper	1414003311	2/7/2016 4:40	NO	Manual	Out	ServiceOrderCPIShipNotice

Parameters

1. Category: Purchase Shipper
2. Date Received: Date when transaction was added into table
3. Converted: No
4. Conversion: Manual
5. In/Out: Out
6. Responsible User
7. Customer PO: PO user doc number
8. Message Type: ServiceOrderCPIShipNotice

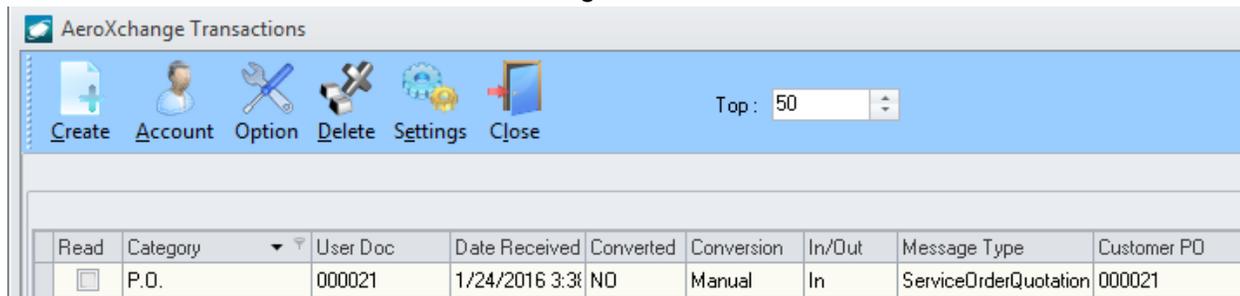
The scheduling server will send the ServiceOrder message from Pentagon to vendor / supplier.

Note: Only line type 03 from the purchase shipper will be sent.

Quote with Teardown (AEX_ServiceOrderQuotation) Transaction

Pentagon Web service will receive transaction of type AEX_ServiceOrderQuotation

The record will be added into the Aeroxchange transactions screen:



Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type	Customer PO
<input type="checkbox"/>	P.O.	000021	1/24/2016 3:36	NO	Manual	In	ServiceOrderQuotation	000021

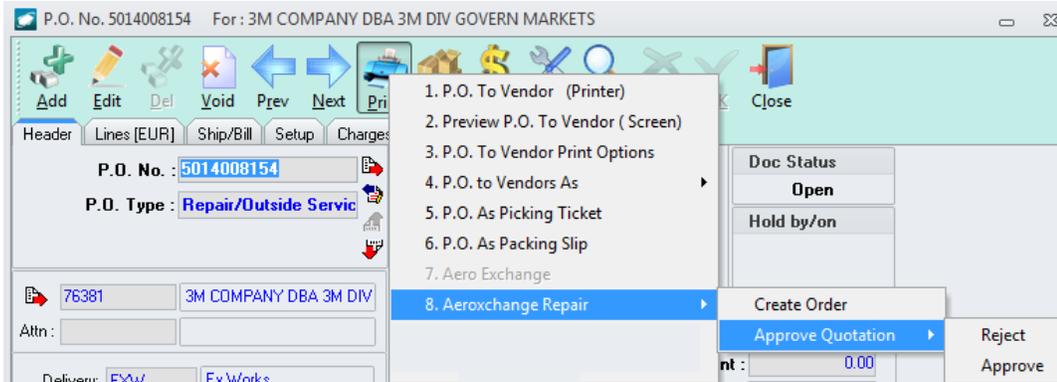
Parameters

1. Category: Purchase Order
2. Date Received: Date when transaction was added into the table
3. Converted: No
4. Conversion: Manual
5. In/Out: In
6. Customer PO: PO user doc
7. Message Type: ServiceOrderQuotation

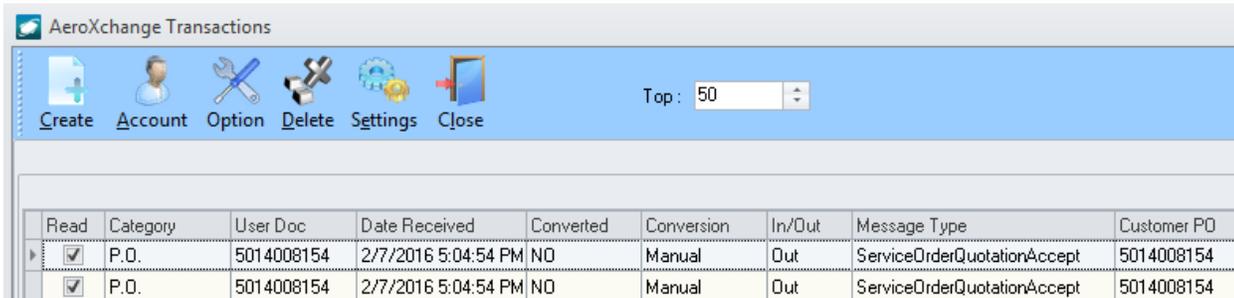
The automatic email notification will be sent: "New Vendor Service Quotation for Aeroxchange Repair received waiting to process".

Customer Approval (AEX_ServiceOrderQuotationAccept) Transaction

Under PO → Print → Aerochange Repair → Approve Quotation → Reject or Approve will generate the XML.



The record will be added into the Aerochange transactions screen:



The screenshot shows the "AeroXchange Transactions" screen with a table containing two records. The table has columns: Read, Category, User Doc, Date Received, Converted, Conversion, In/Out, Message Type, and Customer PO.

Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type	Customer PO
<input checked="" type="checkbox"/>	P.O.	5014008154	2/7/2016 5:04:54 PM	NO	Manual	Out	ServiceOrderQuotationAccept	5014008154
<input checked="" type="checkbox"/>	P.O.	5014008154	2/7/2016 5:04:54 PM	NO	Manual	Out	ServiceOrderQuotationAccept	5014008154

Parameters

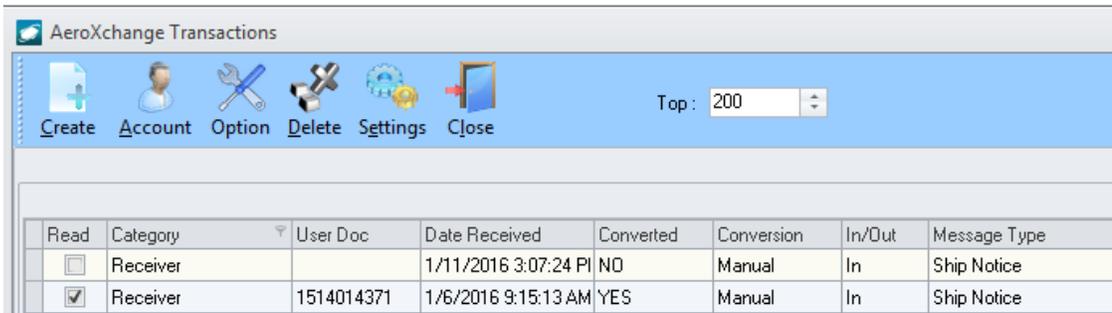
1. Category: Purchase Order
2. Date Received: Date when transaction was added into the table
3. Converted: No
4. Conversion: Manual
5. In/Out: Out
6. Customer PO: PO user doc
7. Message Type: ServiceOrderQuotationAccept

The scheduling server will send the ServiceOrderQuotationAccept message from Pentagon to vendor / supplier.

Ship Component (AEX_ServiceOrderShipNotice) Transaction

Pentagon Web service will receive transaction of type AEX_ServiceOrderShipNotice

The record will be added into the Aerochange transactions screen:



Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type
<input type="checkbox"/>	Receiver		1/11/2016 3:07:24 PM	NO	Manual	In	Ship Notice
<input checked="" type="checkbox"/>	Receiver	1514014371	1/6/2016 9:15:13 AM	YES	Manual	In	Ship Notice

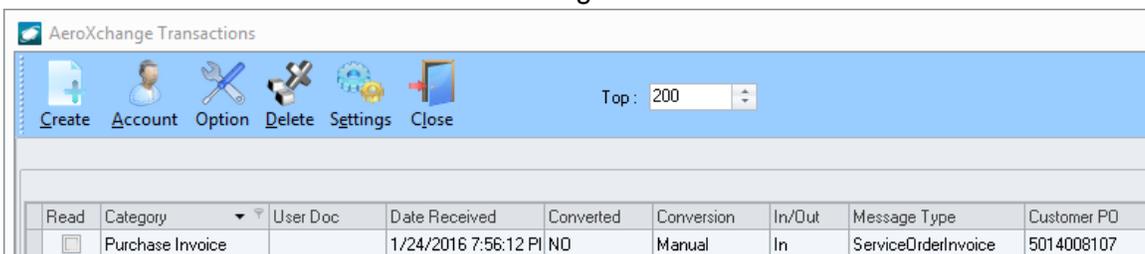
Parameters

1. Category: Receiver
2. Date Received: Date when transaction was added into the table
3. Converted: No
4. Conversion: Manual
5. In/Out: In
6. User doc empty
7. Message Type: ServiceOrderShipNotice

System will send an automatic email notification to user defined in the Vendor SITA/Aerexchange tab:
 “New Vendor Ship Notice for Aerexchange Repair received waiting to process”
 Create button will create Purchase Receiver in Transit.

Invoice (AEX_ServiceOrderInvoice) Transaction

Pentagon Web service will receive transaction of type AEX_ServiceOrderInvoice
 The record will be added into the Aerexchange transactions screen:



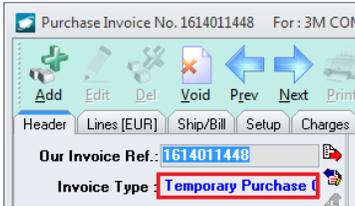
Read	Category	User Doc	Date Received	Converted	Conversion	In/Out	Message Type	Customer PO
<input type="checkbox"/>	Purchase Invoice		1/24/2016 7:56:12 PM	NO	Manual	In	ServiceOrderInvoice	5014008107

Parameters

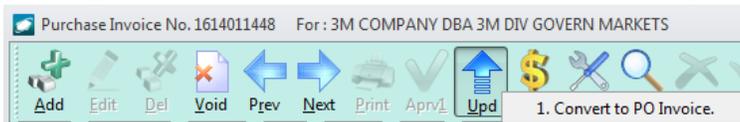
1. Category: Purchase Invoice
2. Converted: No
3. Conversion: Manual
4. In/Out: In
5. User doc empty
6. Message Type: ServiceOrderInvoice
7. Customer PO: PO user doc

System will send an automatic email notification to user set in the Vendor SITA/Aerexchange tab: "New Aerexchange Service Order Invoice received waiting to process".

Create button will create the Temporary Purchase Invoice.



The regular Purchase Invoice will be created manually using update 'Convert to PO Invoice' option.



END OF DOCUMENT