



Enterpristore - Ecommerce For Infor SX.e

Website

www.enterpristore.com/



Demonstration Site

www.enterpristore.info/



Demonstration Admin Login

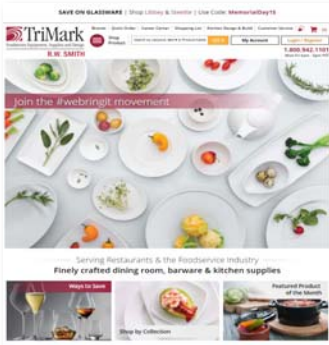
www.enterpristore.info/adminui@a.com - 1



Infor SX.e References

RW Smith

www.rwsmithco.com/



Marlo Beauty

www.marlobeauty.com/



Southern Hobby

www.southernhobby.net





Enterpristore - Ecommerce For Infor SX.e



Infor SX.e ERP is the most powerful system available for managing the complex demands of the distribution industry.

Infor Distribution SX.e gives you unparalleled control in managing thousands of transactions, suppliers, and customers-while tracking tens of thousands, if not millions, of items.

Enterpristore Ecommerce is fully integrated with Infor SX.e.

Infor SX.e 10 and 11 using Soap webservises with WSDL request/response in xml format. Detailed logs of all transactions.

SX.enterprise Configuration

Title

Enable SX.enterprise
SX API URL
SX API Authentication Username
SX API Authentication Password
SX Connection String
SX User ID
SX User Password
Company #
SX Namespace Prefix
SX User Code
Place Orders
Order Status
Orders on Hold
Orders From Established Customers Only
Get Live Prices
Get Orders History
Ping SX after Login
Default Customer ID
Default Warehouse ID
Log SX API Calls
Special Character Conversion

Bi-directional flow of data between Enterpristore & Infor SX.e depending on data type.

- **Customers** - Real-time contract/customer-specific pricing from Infor SX.e or Enterpristore.
- **Order History** - Retrieves current open orders, current pre-orders and order history directly from Infor SX.e or Enterpristore.
- **Products Catalog** - Realtime inventory and pricing information based on multiple warehouses.
- **Order Processing** - Submits from Enterpristore shopping cart to Infor SX.e to create orders or quotes or pre-orders for future sales.
- **CenPOS Payment Processing** - Tokenize Customer Data - This allows for easy and flexible customer billing, as CenPOS converts payment data into a secure token for safe and convenient recurring billing of regular customers.



Enterpristore - Ecommerce For Infor SX.e

Preferred Optimized Installation

- Primary data repository is Infor SX.e.
- Data uploaded and updated via Infor SX.e API to Web Based Ecommerce – Enterpristore.
- Data stored in MySQL / Maria Database on Solid State Drives.

Secondary Installation Method

- Primary data repository is Infor SX.e.
- Data retrieved for each Ecommerce call directly from Infor SX.e server.

Customers

Bi-directional data transfer

- New Customer Information Sent From Infor SX.e to Enterpristore
- New Customer Information Sent From Enterpristore to Infor SX.e

Customers			
<input type="checkbox"/> Company	ID	SX ID	<input type="checkbox"/> Email
James Louderback	6707	199807	199807@southernhobby.com

Php Scripts using the SX.e API running on Cron jobs

Enterpristore Script

sx_add_new_customers.php - Imports non-existing customers from Infor SX.e to Enterpristore.

sx_update_customers.php - Updates Customers Address Information Infor SX.e to Enterpristore.

Infor SX.e API Call

ARGetCustomerListV2 - This call will retrieve a list of Customer records (ARSC) based on a variety of selection criteria

ARGetCustomerDataGeneralRest - Get the remaining “general” fields for a given customer

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Products

Single direction data transfer - From Infor SX.e to Enterpristore

- New Products found in Infor SX.e are retrieved from Enterpristore
- New / Changed Products are uploaded to special folder and set to inactive

Upload images (Image name is the product id and 400 x 400 pixels) to special folder in FTP.

Php Script Cron job run each night which takes the main images and parses it into three (3) sizes. The new images are copied over into their correct location on the site.

Products are made active or inactive from Infor SX.e via inventory and pricing updates.



Adventure Time CDU
Top » Board Games » Alderac Entertainment

Name & Description | **Handling & Pricing** | Product Images | Other Information

Inventory:

Products Quantity:	132 show by warehouse
	100 in Nashville (live)
	10 in Chicago (live)
	11 in New York (live)
	11 in Reno (live)
Products Source:	<input checked="" type="radio"/> Live <input type="radio"/> Pre-Order
Group Access:	Guest <input checked="" type="radio"/> Show <input type="radio"/> Hide
	Taxable <input checked="" type="radio"/> Show <input type="radio"/> Hide
	Non Taxable <input checked="" type="radio"/> Show <input type="radio"/> Hide
Products Warehouses:	Nashville St. Louis Chicago New York Reno

Php Scripts using the SX.e API running on Cron jobs

Enterpristore Script

sx_add_new_products.php - Imports non-existing product records in Ecom from Infor SX.e. Stores them in "New From SX" category on website.

Infor SX.e API Call

ICGetWhseProductListV2 - Retrieves a set of Warehouse Products (ICSW) with price and cost information

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Inventory and Pricing

Single direction data transfer - From Infor SX.e to Enterpristore

Product Inventory Gathered Real Time From Infor SX.e

Adventure Time CDU
Top » Board Games » Alderac Entertainment

Name & Description	Handling & Pricing	Product Images	Other Information
Inventory:			
Products Quantity:	<input type="text" value="132"/> show by warehouse 100 in Nashville <i>(live)</i> 10 in Chicago <i>(live)</i> 11 in New York <i>(live)</i> 11 in Reno <i>(live)</i>		
Products Source:	<input checked="" type="radio"/> Live <input type="radio"/> Pre-Order		
Group Access:	Guest <input checked="" type="radio"/> Show <input type="radio"/> Hide Taxable <input checked="" type="radio"/> Show <input type="radio"/> Hide Non Taxable <input checked="" type="radio"/> Show <input type="radio"/> Hide		
Products Warehouses:	Nashville ▲ St. Louis Chicago New York Reno ▼		

- Product Pricing Sent to Enterpristore From Infor SX.e For Every Warehouse.
- Product Pricing Sent to Enterpristore From Infor SX.e For Every Customer.
- Product Pricing Sent to Enterpristore From Infor SX.e For Every Customer Group.

Php Scripts using the SXe API running on Cron jobs

Enterpristore Script

sx_update_all.php - Updates pricing.

sx_update_warehouse.php - Updates inventory;

sx_update_warehouse2.php - Updates Presale Yes/No flag from SX. Imports Release Date, Orders Due Date and Qty Presold #

Infor SX.e API Call

OE Pricing – This call is used to return the price for a given product for a given customer. The price, discount and quantity available will be returned.

OE Pricing Multiple – This call is used to return the price for a given product for a given customer for multiple products - OE Pricing Multiple with specified <warehouse> field

IC Get Whse Product List V3 - Retrieves a set of Warehouse Products (ICSW) with additional fields and user fields



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Order Processing

Bi-directional data transfer

Order Processing Information Sent From Infor SX.e to Enterpristore

Order Processing Information Sent From Enterpristore to Infor SX.e

Process Live and Pre-Orders

Orders Shipping Sent Directly To Infor SX.e as Order or Quote.

Single direction data transfer - From Enterpristore to Infor SX.e

Enterpristore Script

Before an Order is processed in Checkout– we have a final grab of inventory information and bind that inventory to the customer’s order.

sx_order_reprocess.php - to reprocess all unsuccessful orders later



Infor SX.e API Call

SFOEOrderTotLoadV4 - The order total transaction is run when the user is displayed the total amount of an order that would be created based on the current contents of the shopping cart.




Multi Warehouse / Multiple Order Type Shopping Cart

Shipment #1 - Nashville

Live Order Items

Item	Description	Quantity	Price	Total	Remove
	Attila Item # BLG01700 Sold As: EACH Add to Frequently Purchased Save For Later	1	\$3.00	\$3.00	<input type="checkbox"/>
	Brave Rats Item # BLG00800 Sold As: EACH Add to Frequently Purchased Save For Later	11	\$3.00	\$33.00	<input type="checkbox"/>


Pre-Order Items

Item	Description	Quantity	Price	Total	Remove
	2016/17 Leaf Best of Baseball Item # LEA17BKBST Sold As: BOX Add to Frequently Purchased Save For Later	1	\$214.00	\$214.00	<input type="checkbox"/>
	Hunt for the Ring Item # AREWOTR012 Sold As: EACH Add to Frequently Purchased Save For Later	1	\$27.50	\$27.50	<input type="checkbox"/>
	2017 Topps Definitive Baseball Item # TP17BBDEF Sold As: BOX Add to Frequently Purchased Save For Later	1	\$745.00	\$745.00	<input type="checkbox"/>

All pre-order products and quantities are subject to manufacturer availability and allocation. Please contact your Southern Hobby Supply representative for up to date information on the latest allocation.

Subtotal Shipment #1: **\$1,022.50** [UPDATE CART](#)

Shipment #2 - St. Louis

Item	Description	Quantity	Price	Total	Remove
	1775 Rebellion Item # AVGS375 Sold As: EACH Add to Frequently Purchased Save For Later	1	\$35.00	\$35.00	<input type="checkbox"/>

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Order History

Single direction data transfer - From Infor SX.e to Enterpristore
Order History From Infor SX.e to Enterpristore

Home » My Account » Order History

My Order History

Manage Orders

- On this page, you can view all your Orders in real time
- You can filter Orders by Status or Date
- Your Orders are listed in descending order by date

Order Statuses

- Open Order: is still open in our system and has not been picked or shipped
- Picked: Order has been sent back to be picked and cannot be modified
- Shipped: Your order has been packed and processed through shipping
- Invoiced: Your order has been invoiced and is awaiting payment
- Paid: Your order has been paid for in full

Search by: P.O. # or Order #

Filter by Status: Filter by Date:

Date	Order #	Status	Order Total	
2017/08/16	10002244-00	Open	\$1,721.60	Details
2017/08/09	10002072-00	Shipped	\$0.00	Details
2017/08/04	10002052-00	Shipped	\$63.54	Details
2017/08/04	10002045-00	Shipped	\$0.00	Details
2017/08/04	10002026-00	Open	\$126.00	Details

Filter by Date:

- This Year
- Prior Year
- This Year**
- Last 6 Months
- Last 90 Days
- Last 60 Days
- Last 30 Days
- Last 10 Days
- Last 5 Days

Filter by Status:

- All Orders
- All Orders**
- Open
- Picked
- Shipped
- Invoiced
- Paid
- Cancelled

Order Total

Order Details retrieved directly from Infor SX.e

Home » My Account » History » Order Information

Order Information

Order #10002244-00
Order Date: 2017/08/16
Order Status: Open

Order Total: \$1,721.60

Billing Address
Platform 42
300 RANDALL ST
STE E
GREER, SC 29651-3410

Shipping Address
Acme Inc
JOHN DOE
123 MAIN ST
TEST, MD 12345

Description	Item #	Ordered	Backordered	Shipped	UM	Price	Net Amount
1 ARCHER BOXED ONCE YOU GO BLACKMAIL	AEGS118	1	0	1	each	\$6.60	\$6.60
2 DICE CITY	AEGS836	2	2	0	each	\$22.00	\$0.00
3 2015 BLACK BOX	AEGS838	1	0	1	each	\$15.00	\$15.00
4 EDWARD SCISSOR BISHOUJO	KBYSV145	25	0	25	each	\$68.00	\$1,700.00

4 Lines Total Qty Shipped Total: 27 Total: \$1,721.60

Enterpristore - Ecommerce For Infor SX.e

Pre-Orders retrieved directly from Infor SX.e

Home » My Account » My Pre-Orders

My Pre-Orders

Manage Pre-Orders

- On this page, you can view all your Pre-Order products
- Your Pre-Order products are listed in chronological order by date
- To modify your Pre-Order quantities, please contact your sales rep

	Description	Item #	Qty	UM	Price
1	WHY FIRST	AEG5835	6	each	\$8.25
2	UP PRO BINDER FLIP RED/WHITE 4PKT PORTFOLIO	ULP4P84025	2	each	\$5.75
3	MTG HOUR OF DEVASTATION PLANESWALKER DECK	WCMGHOUPTD	1	box	\$52.00
4	CARCASSONNE STAR WARS	ZMG5WC	2	each	\$22.00
5	12PKT COIN WALLET 1940	WHMRANC1315	1	each	\$1.30
6	18PKT COIN WALLET 1941	WHMRANC1316	1	each	\$1.65
7	24PKT COIN WALLET 1942	WHMRANC1317	1	each	\$1.95
8	CHAMPIONS OF MIDGARD EXP THE DARK MOUNTAINS	GFG96746	2	each	\$13.75
9	2017 TOPPS WWE HERITAGE	TP17WWEHER	1	box	\$65.00
10	UNEARTH	BGM013	6	each	\$19.25
11	2017/18 UPPER DECK MVP HK BLASTER	UD18HKMVPBL	99	box	\$10.50
11 Lines Total					Total: \$1,409.40

Disclaimer: All pre-order products and quantities are subject to manufacturer availability and allocation. Please contact your Southern Hobby Supply representative for up to date information on the latest allocation.

Enterpristore Scripts

Infor SX.e API Call

SFGetOEOrderDataV3 – This procedure returns information from the order header, order lines and order header extended amounts.

OEGetListofOrdersV4 – This call is used to obtain a list of order #'s for a given Customer/Ship To. We use it to retrieve orders by date range, status, order#, po#, etc.

OEOrderDeleteOrCancel – Delete or cancel an order.

OEFullOrderMnt – Create or modify an order.

SASubmitReport – Submit a report for printing. We use it to email an order to customer.

ARGetCustomerBalance - This call is used to retrieve Accounts Receivable balance information for a given Customer (ARSC) or Ship To (ARSS).

Built into the My Accounts Order section



Enterpristore - Ecommerce For Infor SX.e

CenPOS Payment Processing – PCI Certified

CenPOS delivers the most secure and seamless cloud-based omni-channel payment solutions in the marketplace. Fully integrated with Infor Distribution ERP's, CenPOS delivers the end-to-end payment capabilities in today's fast-track age of commerce demands

- **Payment Processing** - One-time sales and recurring billing on the web and within call centers.
- **Unmatched Security** - Ensure that sensitive information is never transmitted or stored within your system to protect against costly data security breaches.
- **Tokenize Customer Data** - This allows for easy and flexible customer billing, as CenPOS converts payment data into a secure token for safe and convenient recurring billing of regular customers.

The screenshot shows a payment form with the following fields and values:

- Card Number*: [Empty text box]
- Zip*: 90630
- Expiration Date*: mm yy
- Cardholder Name*: [Empty text box]
- Amount*: 321.73
- CVV*: [Empty text box with a question mark icon]

SX.e and Enterpristore Transaction Log

We maintain a log of every transaction with Infor SX.e .

Everything that is processed or failed is logged for easy debugging. The log can be viewed as a text or xml file.

```

2017-08-07 23:08:55 - PingContent-type: text/xml; charset=utf-8SOAPAction: http://tempuri.org/IServicesShared/PingXML Request: <?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:con="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Connection"
xmlns:req="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Ping">
  <soap:Header/>
  <soap:Body/>
  <Ping xmlns="http://tempuri.org/">
    <callconnection>
      <con:companynumber></con:companynumber>
      <con:connectionstring></con:connectionstring>
      <con:domainidentifier></con:domainidentifier>
      <con:operatorinitials></con:operatorinitials>
      <con:operatorpassword></con:operatorpassword>
      <con:statefreeappserver></con:statefreeappserver>
    </callconnection>
    <request>
      <req:inputstring></req:inputstring>
    </request>
  </Ping>
</soap:Body/>
</soap:Envelope>XML Response: <?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:con="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Ping"
xmlns:res="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Ping" xmlns:err="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Errors"
xmlns:out="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Output" xmlns:ping="http://tempuri.org/">
  <soap:Header/>
  <soap:Body/>
  <PingResponse xmlns="http://tempuri.org/">
    <pingresult></pingresult>
  </PingResponse>
</soap:Envelope>
Returning: TestInputString: <?xml version="1.0" encoding="utf-8"?>
<pingresult></pingresult>
</pingresult>
</soap:Body/>
</soap:Envelope>
2017-08-07 22:28:30 - PingContent-type: text/xml; charset=utf-8SOAPAction: http://tempuri.org/IServicesShared/PingXML Request: <?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:con="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Connection"
xmlns:req="http://schemas.datacontract.org/2004/07/Infor.SXAPI.Ping">
  <soap:Header/>
  <soap:Body/>
  <Ping xmlns="http://tempuri.org/">
    <callconnection>
      <con:companynumber></con:companynumber>
      <con:connectionstring></con:connectionstring>
      <con:domainidentifier></con:domainidentifier>
      <con:operatorinitials></con:operatorinitials>
      <con:operatorpassword></con:operatorpassword>
      <con:statefreeappserver></con:statefreeappserver>
    </callconnection>
    <request>
      <req:inputstring></req:inputstring>
    </request>
  </Ping>
</soap:Body/>
</soap:Envelope>

```