11-01-2021: 20211101_ShipFXPackStation

- Bulk Modify added to SHIPFX Admin

Changes to the following project:
projects/SHIPFX/LoadClose.efz
projects/SHIPFX/SHIPFXAdmin.xml
projects/SHIPFX/Shipments.efz
projects/SHIPFX/ShipmentsAdminPanelSelection.efz

Bulk Modify is done in the background. There is a new queue set up in SHIPFXServer.cfg. Also, the "SHIPFXServer/Background" directory should be created:

Name: Background
Input Directory: SHIPFXServer/Background
Check Interval: 600

- Ability to pass an order field in a SHIPFX shipment to Shipper.efz to use as the RMAId for a return label. Use one of these constants in the settings.xml:

```
 <Constant Name="ShipmentServer_DefaulteSHIPRMAIdField" >
   <![CDATA[]]>
 </Constant>
 <KeyedConstant Name="ShipmentServer_Account_eSHIPRMAIdField">
 </KeyedConstant>
```

Valid fields are: OrderId, PONumber, VendorOrderId, CustomerOrderId.
Project Updates: eSHIP/eFORMzCfg_User.xml, eSHIP/Shipper.efz, eSHIP/ShipperWS.efz, eSHIP/ShipperWSClient.efz

Provider Changes:
BlueExpress: eFORMzCfg_Production.xml, eFORMzCfg_Sandbox.xml, Emission.efz

New Provider:
Coppel

Removal:
eSHIP/CreatePackageManifestingRepository_H2.sql
eSHIP/PackageManifesting_Cleanup.efz
eSHIP/PackageManifesting_Close.efz
eSHIP/PackageManifesting_Create.efz
eSHIP/PackageManifesting_CreateManifest.efz
eSHIP/PackageManifesting_Delete.efz
eSHIP/PackageManifesting_Release.efz

New folder eSHIP/PackageManifesting containing the following projects:
Cleanup.efz
CloseManifest.efz
CreateManifest.efz
CreatePackage.efz
CreatePackageManifestingRepository_H2.sql
DeletePackage.efz
eFORMzCfg_User.xml
ReleasePackage.efz

project/SHIPFXServer project updates:
eFORMzCfg_User.xml
ExecuteTransactionObject.efz
LoadShipmentDataRequest.efz
SHIPFXServer.cfg
IntegrationObjects/SHIPFX/ShipShipmentAdapter.efz
IntegrationObjects/SHIPFXRepository/ReadShipment_Database.efz
New:
ExecuteModifyShipments_AccountRequest.efz
ModifyShipment_Account.efz
ModifyShipments_Account.efz
SingleShipmentSearch.efz

10-15-2021: 20211015_ShipFXPackStation

Duties payment info added to pack station.

Adapters for batch start/end and error labels.

New Provider:IntraLogistica

Added the following folder otherwise an exception that it does not exist will occur:
\projects\SHIPFXServer\Processing\print

Package Manifesting (black box completed, UI working towards compeletion)
eSHIP/CreatePackageManifestingRepository_H2.sql
eSHIP/PackageManifesting_Close.efz
eSHIP/PackageManifesting_CreateManifest.efz
eSHIP/PackageManifesting_Delete.efz
eSHIP/PackageManifesting_Release.efz
eSHIP/PackageManifesting_Cleanup.efz
eSHIP/PackageManifesting_Create.efz

Provider Updates:
BlueExpress: Emissions.efz, eFORMzCfg_User.xml
DHLeC: CreateManifest.efz, DownloadManifest.efz, ProcessEODAdapter.efz
DPD > DE: StoreShipment.efz
FedEx: ComplexTypes.efz, CreateOpenShipment.efz, DeleterAdapter.efz, ReturnShipperAdapter.efz, XMLDecoder.efz
Generic: GetRatesAdapter.efz, ShipperAdapter.efz
UPS: ShipmentConfirm.efz, XMLDecoder.efz

General /eSHIP Updates:
eSHIP/eFORMzCfg_Production.xml
eSHIP/eFORMzCfg_Sandbox.xml
eSHIP/eFORMzCfg_User.xml
eSHIP/ProcessEODForCarrier.efz
eSHIP/ShipmentDeleter.efz
eSHIP/Shipper.efz
eSHIP/XMLBuilder.efz
eSHIP/XMLDecoder.efz

General /SHIPFX Updates:

SHIPFX/BatchDialog.efz
SHIPFX/LoadClose.efz
SHIPFX/Shipments.efz
SHIPFX/ShipmentsAdminPanelSelection.efz

General /SHIPFXServer Updates:
SHIPFXServer/IntegrationObjects/SHIPFX/ShipShipmentAdapter.efz
SHIPFXServer/IntegrationObjects/SHIPFX/VoidShipmentAdapter.efz
SHIPFXServer/IntegrationObjects/SHIPFXRepository/CommitShipmentDataAdapter.efz
SHIPFXServer/IntegrationObjects/SHIPFXRepository/eFORMzCfg_Database.xml
SHIPFXServer/IntegrationObjects/SHIPFXRepository/ReadBatch_Database.efz
SHIPFXServer/IntegrationObjects/SHIPFXRepository/ReadShipment_Database.efz
SHIPFXServer/IntegrationObjects/SHIPFXRepository/UpdateBatchStatus_Database.efz
SHIPFXServer/IntegrationObjects/SHIPFXRepository/WriteBatch_Database.efz
SHIPFXServer/IntegrationObjects/SHIPFXRepository/WriteShipment_Database.efz
SHIPFXServer/IntegrationObjects/AddShipmentToBatch.efz
SHIPFXServer/IntegrationObjects/BatchShipmentsData.efz
SHIPFXServer/IntegrationObjects/CreateBatch.efz
SHIPFXServer/IntegrationObjects/CreateBatchRequest.efz
SHIPFXServer/IntegrationObjects/DocumentsData.efz
SHIPFXServer/IntegrationObjects/ExecuteTransactionObject.efz
SHIPFXServer/IntegrationObjects/GeneratePrintDocumentsRequest.efz
SHIPFXServer/IntegrationObjects/InternationalOptions.efz
SHIPFXServer/IntegrationObjects/PrintBatch.efz
SHIPFXServer/IntegrationObjects/PrintExecuter.efz
SHIPFXServer/IntegrationObjects/ProcessingComplete.efz
SHIPFXServer/IntegrationObjects/SendShipmentRequest.efz
SHIPFXServer/IntegrationObjects/ShipmentData.efz
SHIPFXServer/IntegrationObjects/ShipShipment.efz
SHIPFXServer/IntegrationObjects/StageBatch.efz
SHIPFXServer/IntegrationObjects/ThreadExecuter.efz
SHIPFXServer/IntegrationObjects/UpdateBatchStatusRequest.efz
SHIPFXServer/IntegrationObjects/VoidShipmentRequest.efz
SHIPFXServer/GeneratePreShipDocumentsRequest.efz
SHIPFXServer/PrintBatchPreprocessor.efz
SHIPFXServer/StageBatchPreprocessor.efz

General /SHIPFXServer Projects Removed:
carton.xml
CreateShipmentFromOrder_JSON.efz
CreateShipmentFromOrder_JSON_V1.efz
CreateShipmentRequest_XMLWS.efz
FetchOrders_JSON.efz
RetrieveOrderDataRequest_XMLWS.efz
SealCarton_JSON.efz
ShipCarton.efz
ShipCarton_JSON.efz
ShipCarton_JSON_V1.efz
ShipCartonRequest.efz
ShipCartonRequest_XMLWS.efz
State0.efz
State1.efz
State2.efz
Test1.efz

Test2.efz

09-23-2021

Enhancements:
- The ability to upload a document to a carrier.
- The ability to void a single package from a shipment.
- Support for rating and shipping for site built carriers.

Uploading a document to a carrier (currently FEDEX only)

Use the Documents form of XMLBuilder.efz to build a document object with the document data. Make sure to specify a Filename. Send the document object to Shipper.efz in the "TransmittedDocument" parameter.

Void a single package (currently FEDEX and UPS)

ShipmentDeleter.efz now has a PackageId parameter. If just the ShipmentId is passed, the whole shipment is voided. If both the ShipmentId (required for UPS, ignored by FEDEX) and the PackageId are passed then the package identified by PackageId is voided.

Rating and shipping for site built carriers

08-27-2021

-New field in PackageData to return the carrier's List rate. The only 2 carriers that do this are FedEx and UPS. If you have an adapter that is modifying a completed shipment's PackageData, you may have to modify it to copy the new "ListRate" field.

-Update to SHIPFXProviderInfo.xml API
Canpar
IVOY
MercadoLibre
DPDUK
DPDDE

08-25-2021

- Bug in AuthenticationCfg.xml, ShipShipmentSearch.efz should have been ShipmentSearch.efz.
- Added two new tester projects:
  GetRatesTester.efz
  GetRatesTester_batch.efz
- Modified <Entry Key="000001NoRating"/> in eFORMzCfg_User_Profiles_Minisoft_XMLSettings.xml

----
08-16-2021

Rate Group KC added to the Profiles XML default files:

eFORMzCfg_User_Profiles_Minisoft_DBSettings.xml
eFORMzCfg_User_Profiles_Minisoft_XMLSettings.xml

A new starter project is now avaialble for eSHIP BlackBox implementation:
\projects\CustomerName\eSHIP_BlackBox_Project

Main project: eSHIP_BlackBox.efz
Sample data: ShipperTester-data.xml

Sample data calling Provider UPS:
<Profile>Domestic</Profile>
<Provider>UPS API</Provider>
<Carrier>UPS</Carrier>
<Service>02</Service>

07-14-2021
----

eSHIP:
New carriers DPD, Coordinadora, Canpar (EOD not working correctly yet), Mercado Libre, IVOY

SHIPFX:
The shipment and batch lists in SHIPFX have been speeded up.

You can set the default search criteria for shipment and batch lists. The settings are:

```
 <KeyedConstant Name="ShipmentServer_Account_ShipmentsDefaultSearchCriteria">
 </KeyedConstant>
 <KeyedConstant Name="ShipmentServer_Account_CreateBatchDefaultSearchCriteria">
 </KeyedConstant>
 <KeyedConstant Name="ShipmentServer_Account_BatchesDefaultSearchCriteria">
 </KeyedConstant>
 <KeyedConstant Name="ShipmentServer_Account_Workstation_ShipmentsDefaultSearchCriteria">
 </KeyedConstant>
 <KeyedConstant Name="ShipmentServer_Account_Workstation_CreateBatchDefaultSearchCriteria">
 </KeyedConstant>
 <KeyedConstant Name="ShipmentServer_Account_Workstation_BatchesDefaultSearchCriteria">
 </KeyedConstant>
```

The "Account_Workstation" will override the "Account".

Here is an example:

```
 <KeyedConstant Name="ShipmentServer_Account_ShipmentsDefaultSearchCriteria">

<Entry Key="000001" >

<![CDATA[By Order]]>

</Entry>
 </KeyedConstant>
 <KeyedConstant Name="ShipmentServer_Account_CreateBatchDefaultSearchCriteria">
```

<Entry Key="000001" >

<![CDATA[FEDEX]]>

</Entry>
  </KeyedConstant>
  <KeyedConstant Name="ShipmentServer_Account_BatchesDefaultSearchCriteria">

<Entry Key="000001" >

<![CDATA[Created]]>

</Entry>
  </KeyedConstant>

The value is the name of a previously save search criteria.

PackStation:

Shipment search speeded up.

Fixed upgraded scanning ability. The project "projects/SHIPFX/PackStationCommandBarcodes.efz" can be used to print out the barcodes. You will have to set the Account, Profile, and BarcodeType variables.

05-25-2021
----
eSHIP update to support Coordinadora.
- Sample black box project (projects\CustomerName\ShipperCoordinadora\BlackBoxShipment_Coordinadora.efz)
- Profiles setting attached. (projects\CustomerName\ShipperCoordinadora\eFORMzCfg_User_Profiles.xml)

SHIPFXProviderInfo.xml: This has the translations for the service levels.

Coordinadora requires the use of a city code instead of the city name. There are 2 constants that define the names and codes. You can use these to get the code from the name. The sample black box project demonstrates this. It would be better if we could get the city codes directly from the WM system, rather than look them up each time as there are 1400+.

05-07-2021

Add status of shipment attempt, either "success" or "failure", any error message, and the date/time shipped. The respective fields are: ShippedStatus, ShippedMessage, and ShippedDateTime. These columns need to be added to the shipment_info table:

  `shipped_status` varchar(10),
  `shipped_message` varchar(60),
  `shipped_timestamp` bigint,

Fix for error when loading a shipment with no packages into the PackStation.

There is a new form in the ShipmentData.efz project named Update. It allows you to build a new version of Shipme

ntData by only specifying which fields to update. The fields not specified will be copied from the original. The only adapters I am aware of that allow you to change the whole ShipmentData are the one related to saving a shipment (SaveShipmentDataAdapter_GENERAL, SaveShipmentDataAdapter_CARTONIZATION, SaveShipmentDataAdapter_WEIGHT_DIM, SaveShipmentDataAdapter_CARTON_OPTIONS, SaveShipmentDataAdapter_SHIPMENT_OPTIONS, SaveShipmentDataAdapter_INTERNATIONAL_OPTIONS, SaveShipmentDataAdapter_CARRIER_SERVICE). I you have installed any of these adapters and are using the Decode form to get the existing shipment data and then using the existing shipment data in a Construct form, then you might want to replace the Construct with the Update. This way you don't have the get all the data for the fields you are not going to change, and you won't have to worry about new fields being added the the ShipmentData object. I am working on adding an Update form for all the other main objects.

04-20-2021

Custom report categories and customer report configuration. Add site specific report categories and/or reports:

Sample settings:

```
  <KeyedConstant Name="ShipmentServer_Account_ReportCategories">

<Entry Key="000001" >

<![CDATA[Custom1]]>

</Entry>
  </KeyedConstant>
  <KeyedConstant Name="ShipmentServer_Account_ReportsByCategory">

<Entry Key="000001Shipping">

<![CDATA[projects/SHIPFXServer Work/Reports/000001/ShipmentsList.xml]]>

<![CDATA[projects/SHIPFXServer Work/Reports/000001/ShipmentsSummary.xml]]>

</Entry>

<Entry Key="000001Custom1">

<![CDATA[projects/SHIPFXServer Work/Reports/000001/OrdersList.xml]]>

</Entry>
  </KeyedConstant>
```

There are 5 new customizable fields added to shipment_info, which can store the values from "Shipment/Order/References" to use for searching and lists.

These are columns that need to be added to shipment_info:

```
  `reference_field_1` varchar(60),
  `reference_field_2` varchar(60),
  `reference_field_3` varchar(60),
  `reference_field_4` varchar(60),
  `reference_field_5` varchar(60),
```

These are sample settings to specify that specific (by name) reference field values should also be stored in shipment_info (you can use "ReferenceField1 - ReferenceField5":

```
  <KeyedConstant Name="ShipmentServer_Account_SavedOrderReferenceFields">

<Entry Key="000001ReferenceField1" >
 <![CDATA[Department]]>

</Entry>

<Entry Key="000001ReferenceField2" >
 <![CDATA[Special Status]]>

</Entry>
  </KeyedConstant>
```

An adapter project is used to specify the possible additional search and/or list fields:

```
  <KeyedConstant Name="ShipmentServer_Account_CustomFieldsMetadataAdapter">

<Entry Key="000001" >
 <![CDATA[projects/SHIPFXServer Work/IntegrationObjects/SHIPFXRepository/GetCustomFieldsMetadata.efz]]>

</Entry>
  </KeyedConstant>
```

03-25-2021
----

eSHIP update to support Coordinadora.

Sample black box project (/projects/CustomerName/ShipperCoordinadora/BlackBoxShipment_Coordinadora.efz). Profiles setting attached. You can use it for information on configuring Coordinadora (/projects/CustomerName/ShipperCoordinadora/eFORMzCfg_User_Profiles.xml).

SHIPFXProviderInfo.xml: This has the translations for the service levels.

Coordinadora requires the use of a city code instead of the city name. There are 2 constants that define the names and codes. You can use these to get the code from the name. The sample black box project demonstrates this. It would be better if we could get the city codes directly from the WM system, rather than look them up each time as there are 1400+.

03-20-2021

Custom report categories and customer report configuration. Add site specific report categories and/or reports:

Sample settings:

```
  <KeyedConstant Name="ShipmentServer_Account_ReportCategories">
```

```
<Entry Key="000001" >

<![CDATA[Custom1]]>

</Entry>
  </KeyedConstant>
  <KeyedConstant Name="ShipmentServer_Account_ReportsByCategory">

<Entry Key="000001Shipping">

<![CDATA[projects/SHIPFXServer Work/Reports/000001/ShipmentsList.xml]]>

<![CDATA[projects/SHIPFXServer Work/Reports/000001/ShipmentsSummary.xml]]>

</Entry>

<Entry Key="000001Custom1">

<![CDATA[projects/SHIPFXServer Work/Reports/000001/OrdersList.xml]]>

</Entry>
  </KeyedConstant>
```

There are 5 new customizable fields added to shipment_info, which can store the values from "Shipment/Order/References" to use for searching and lists.

These are columns that need to be added to shipment_info:

```
`reference_field_1` varchar(60),
`reference_field_2` varchar(60),
`reference_field_3` varchar(60),
`reference_field_4` varchar(60),
`reference_field_5` varchar(60),
```

These are sample settings to specify that specific (by name) reference field values should also be stored in shipment_info (you can use "ReferenceField1 - ReferenceField5":

```
  <KeyedConstant Name="ShipmentServer_Account_SavedOrderReferenceFields">

<Entry Key="000001ReferenceField1" >
  <![CDATA[Department]]>

</Entry>

<Entry Key="000001ReferenceField2" >
  <![CDATA[Special Status]]>

</Entry>
  </KeyedConstant>
```

An adapter project is used to specify the possible additional search and/or list fields:

```
   <KeyedConstant Name="ShipmentServer_Account_CustomFieldsMetadataAdapter">

<Entry Key="000001" >
 <![CDATA[projects/SHIPFXServer Work/IntegrationObjects/SHIPFXRepository/GetCustomFieldsMetadata.efz]]
>

</Entry>
  </KeyedConstant>
```

03-19-2021

-Fedex returning "Internal Error"
Removed the customs block from domestic shipments. FedEx may have been erroring on this being included for do
mestic shipments. Another explanation for this might be that it is just a problem with the FedEx sandbox environme
nt.

-Intermittent address validation failure.
I have put in logging to show the provider code and message.

03-18-2021

SHIPFX:

- Search criteria added to BATCHES panel.
- Number of Batches added to BATCHES panel.

Only SHIPFX and SHIPFXServer project directories have been modified since the update on 3/16.

There is a new field and primary key change on the SEARCH_CRITERIA table. I recommend dropping the table an
d rebuilding it. If you do ALTER it make sure to add the new field and change the primary key specification. Set th
e "TYPE" field of all the existing records to "shipment".

These are the possible field names for the "ShipmentServer_Account_ShipmentsListFields", "ShipmentServer_Acco
unt_CreateBatchListFields", and "ShipmentServer_Account_BatchesListFields" settings:

ShipmentsMetadata:
ShipmentId
Status
Account
Profile
Provider
Carrier
Service
Reference
ProviderShipmentId
ShipperContactId
ShipperPersonName
ShipperCompanyName
ShipperPhoneNumber
ShipperEMail

ShipperAddressLine1
ShipperAddressLine2
ShipperAddressLine3
ShipperAddressLine4
ShipperAddressLine5
ShipperCity
ShipperStateOrProvince
ShipperPostalCode
ShipperCountryCode
ShipperCountryName
ShipperTaxId1
ShipperTaxId2
RecipientContactId
RecipientPersonName
RecipientCompanyName
RecipientPhoneNumber
RecipientEMail
RecipientAddressLine1
RecipientAddressLine2
RecipientAddressLine3
RecipientAddressLine4
RecipientAddressLine5
RecipientCity
RecipientStateOrProvince
RecipientPostalCode
RecipientCountryCode
RecipientCountryName
RecipientIsResidential
RecipientTaxId1
RecipientTaxId2
RecipientValidate
RecipientUseCorrectedAddress
DropoffType
DropoffLocation
PaymentType
PayorAccountNumber
PayorContactId
PayorPersonName
PayorCompanyName
PayorPhoneNumber
PayorEMail
PayorAddressLine1
PayorAddressLine2
PayorAddressLine3
PayorAddressLine4
PayorAddressLine5
PayorCity
PayorStateOrProvince
PayorPostalCode
PayorCountryCode
PayorCountryName
PayorTaxId1
PayorTaxId2
Certify
Signer

Contents
RestrictionType
EELPFC
CommercialInvoiceNumber
TermsOfSale
AdultSignatureRequired
IndirectSignatureRequired
SignatureRequired
SaturdayDelivery
ShipDateTime
OrderId
PONumber
VendorOrderId
CustomerOrderId
CustomerId
OrderDateTime
PromisedDeliveryDateTime
PaymentMethod
IsGift
Message
WarehouseId
ReturnMethod
BOLNumber

SubTotal

Tax

Shipping

Discounts

Total

Currency

BillToContactId

BillToPersonName

BillToCompanyName

BillToPhoneNumber

BillToEMail

BillToAddressLine1

BillToAddressLine2

BillToAddressLine3

BillToAddressLine4

BillToAddressLine5

BillToCity

BillToStateOrProvince

BillToPostalCode

BillToCountryCode

BillToCountryName

BillToTaxId1

BillToTaxId2

ItemSKU

ItemLocation

PackageShipmentId

TrackingNumber


```
-----------------------------------------------
03-15-2021
-----------------------------------------------
```
This is a unified release. Some of the features list here have been in test in partial releases.

SHIPFX:
- Profile setting to allow adding package groups:

```
 <KeyedConstant Name="eSHIP_Account_Workstation_AddPackageGroups">
<Entry Key="000001">
<![CDATA[true]]>
</Entry>
 </KeyedConstant>
```

 - Profile setting to determine how packages are deleted from a group:

```
 <KeyedConstant Name="eSHIP_Account_Workstation_DeleteAllPackagesInGroup">
<Entry Key="000001">
<![CDATA[true]]>
</Entry>
 </KeyedConstant>
```

- Batches in SHIPFXAdmin are sorted newest to oldest
- SHIPFXAdmin fix for scrollbar overwriting some list data on some browsers
- Rate Groups
- Profile setting for uppercase shipment searching:

```
 <KeyedConstant Name="eSHIP_Account_Workstation_UppercaseSearch">
```

```
 <Entry Key="000001">
 <![CDATA[false]]>
 </Entry>
 </KeyedConstant>
```

- Limit and deselect option for searches in SHIPFX Admin
- Adapter for Batch document production (entry in the IntegrationObjectsList):

```
 <Entry Key="GeneratePrintDocumentsAdapter">
 <![CDATA[projects/SHIPFXServer Work/IntegrationObjects/FixedTests/GeneratePrintDocumentsAdapter.efz]]>
 </Entry>
```

- Better status messages for Batch processing.
- CreateBatch.efz and ExecuteBatch.efz for black box batch creation and execution.
- Included in the SHIPFXServer projects is a new project named AddShipmentToBatch.efz, which allows the addition of a shipment to an existing Batch.

eSHIP

- Rate Groups
- Single package AmazonMWS shipping support.
- Return labels (FedEx is the only provider supported at this point).

Please make sure your SHIPFX Configuration and SHIPFX Repository databases are up-to-date (new tables and changes to fields in Packages table)

Please make sure you are using an updated copy of the SHIPFXConfig.cfg file.

02-16-2021

Default weight unit of measurement configuration. Only needed for serial scales for manual entry when the default should not be "LB". This is a new Workstation setting (example):

```
 <KeyedConstant Name="eSHIP_Account_Workstation_DefaultWeightUOM">
 <Entry Key="000001">
 <![CDATA[KG]]>
 </Entry>
 <Entry Key="000001Shipping">
 <![CDATA[LB]]>
 </Entry>
 <Entry Key="000001Quick">
 <![CDATA[LB]]>
 </Entry>
 </KeyedConstant>
```

Fix for FedEx rating when payment type is "THIRD_PARTY".

Return label for FedEx shipments. This is activated by supplying the "DocumentRequested" object or creating a DocumentsRequested.xml file in the appropriate directory (SHIPFX/DocumentsRequested/Account/Profile/Provider/Carrier/Service/DocumentsRequest.xml).

Example for creating a ground return label for all FedEx 2 Day shipments in account 0000001, profile Domestic, provider FEDEX API, carrier FEDEX:

The following file is in "SHIPFX/DocumentsRequested/000001/Domestic/FEDEX API/FEDEX/FEDEX_2_DAY",
name DocumentsRequested.xml:

```xml
<DocumentsRequested>
<Document>
<Type>RETURN_LABEL</Type>
<Format>ZPL</Format>
<Width>4</Width>
<Height>6</Height>
<Options>
<ServiceType>FEDEX_GROUND</ServiceType>
</Options>
</Document>
</DocumentsRequested>
```

02-05-2021

New in SHIPFX Admin:

Batches can be named.

Columns for Shipments, Create Batch, and Batches list can be configured.

There is a new column for the BATCH_INFO table: `name` varchar(60),
Use an ALTER TABLE command to add it, or rebuild the BATCHES, BATCH_INFO, and BATCH_SHIPMENTS
tables.

To configure the columns in the SHIPFX Admin lists, the following declared keyed constant are used:

"ShipmentServer_Account_ShipmentsListFields"
"ShipmentServer_Account_CreateBatchListFields"
"ShipmentServer_Account_BatchesListFields"
"ShipmentServer_Account_Workstation_ShipmentsListFields"
"ShipmentServer_Account_Workstation_CreateBatchListFields"
"ShipmentServer_Account_Workstation_BatchesListFields"

It checks the "Account_Workstation" setting first and if not found checks the "Account" setting. If neither is found,
it uses the defaults. Here are some I set at the account level:

```xml
  <KeyedConstant Name="ShipmentServer_Account_ShipmentsListFields">
 <Entry Key="000001" >
 <![CDATA[ShipmentId]]>
 <![CDATA[Status]]>
 <![CDATA[OrderId]]>
 <![CDATA[RecipientPersonName]]>
 <![CDATA[TrackingNumber]]>
 </Entry>
  </KeyedConstant>
```

```
<KeyedConstant Name="ShipmentServer_Account_CreateBatchListFields">
<Entry Key="000001" >
<![CDATA[ShipmentId]]>
<![CDATA[OrderId]]>
<![CDATA[Provider]]>
<![CDATA[Carrier]]>
<![CDATA[Service]]>
<![CDATA[RecipientPersonName]]>
</Entry>
</KeyedConstant>

<KeyedConstant Name="ShipmentServer_Account_BatchesListFields">
<Entry Key="000001" >
<![CDATA[Name]]>
<![CDATA[Status]]>
<![CDATA[NumberOfShipments]]>
<![CDATA[Profile]]>
<![CDATA[Provider]]>
<![CDATA[Carrier]]>
<![CDATA[Service]]>
<![CDATA[ShipDateTime]]>
</Entry>
</KeyedConstant>
```

List of fields for a Shipment:

ShipmentId
Status
Account
Profile
Provider
Carrier
Service
Reference
ProviderShipmentId
ShipperContactId
ShipperPersonName
ShipperCompanyName
ShipperPhoneNumber
ShipperEMail
ShipperAddressLine1
ShipperAddressLine2
ShipperAddressLine3
ShipperAddressLine4
ShipperAddressLine5
ShipperCity
ShipperStateOrProvince
ShipperPostalCode
ShipperCountryCode
ShipperCountryName
ShipperTaxId1
ShipperTaxId2
RecipientContactId
RecipientPersonName
RecipientCompanyName

RecipientPhoneNumber
RecipientEMail
RecipientAddressLine1
RecipientAddressLine2
RecipientAddressLine3
RecipientAddressLine4
RecipientAddressLine5
RecipientCity
RecipientStateOrProvince
RecipientPostalCode
RecipientCountryCode
RecipientCountryName
RecipientIsResidential
RecipientTaxId1
RecipientTaxId2
RecipientValidate
RecipientUseCorrectedAddress
PackageShipmentId
TrackingNumber
PaymentType
PayorAccountNumber
SaturdayDelivery
IndirectSignatureRequired
SignatureRequired
AdultSignatureRequired
ShipDateTime
OrderId
PONumber
VendorOrderId
CustomerOrderId
CustomerId
OrderDateTime
PromisedDeliveryDateTime
PaymentMethod
IsGift
Message
WarehouseId
ReturnMethod
BOLNumber
SubTotal
Tax
Shipping
Discounts
Total
Currency
ActionName
ActionUserId
ActionDateTime
BillToContactId
BillToPersonName
BillToCompanyName
BillToPhoneNumber
BillToEMail
BillToAddressLine1
BillToAddressLine2

BillToAddressLine3
BillToAddressLine4
BillToAddressLine5
BillToCity
BillToStateOrProvince
BillToPostalCode
BillToCountryCode
BillToCountryName
BillToTaxId1
BillToTaxId2

List of fields for a Batch:

BatchId
Name
Status
Profile
Provider
Carrier
Service
ShipDateTime
NumberOfShipments