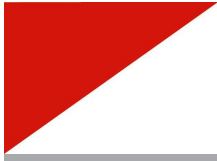


# Website Interface Specifications

August 2010








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## 1. Overview

The XXX website [www.XXX.com](http://www.XXX.com) needs to be interfaced to the Island Pacific dolFIN product to ensure seamless and automatic data flow of the following:

-  Inventory and Stock Availability
-  Web Sales
-  Membership Details

Sales processed on the XXX website need to be reflected accordingly within the dolFIN application allowing for further reporting analysis and enquiries, this also includes web sales processed for any members where the relevant member sales enquiries and reports will be utilised from within dolFIN.




## 2. Assumptions

- ▶ XXX have allocated a "Web Store" location within the Island Pacific dolFIN application
- ▶ XXX's Web Developers "YYY" agree to receive and send XML files in the format already provided to them and mentioned within this document.
- ▶ The file exchange will be initiated via "FTP" data uploads and downloads and scheduled automatically to and from a commonly agreed IP Address and Data Directory.
- ▶ Web Sales from the XXX website will be sent to Island Pacific once they have been picked and despatched by "YYY". There will be no picking process of Web Sales required by the Island Pacific dolFIN application.
- ▶ All inventory products will be created and maintained within the Island Pacific dolFIN application. Any new products or modifications to existing products will be sent to "YYY" via the agreed XML files. There will be NO inventory information sent from "ZZZ" to Island Pacific.
- ▶ All movements in stock on hand positions associated with the "Web Store" location in the Island Pacific dolFIN application will be sent to "YYY". This INCLUDES stock reduction associated with the web sale when it is processed.



### 3. Program Descriptions

There are 3 main sections associated with the web site interface:

-  Inventory
-  Web Sales
-  Members

Data exchange between the Island Pacific and "YYY" will be in the form of XML files, the format of the XML Schemas are supplied further below.

#### Data File Transfer

The method by which the XML files between Island Pacific and "YYY" are exchanged will be based on a File Transfer Protocol (FTP) method.

A common location (FTP address) where the files will be transferred, as well as common directories for Data Received from Island Pacific and Data Sent to "YYY" is as follows:

#### Inbound and Outbound directories

<ftp://XXXsports.com/data/snd> – files from Island Pacific

<ftp://XXXsports.com/data/rcv> – files from Web Site

Island Pacific and "YYY" will be responsible for the processing and housekeeping of all data in their respective directories.

The interval at which data is transferred and processed by both Island Pacific and "YYY" needs to occur periodically ( via 15 minutes intervals ), over a 24 x 7 period, as both sales and stock availability need to be accurately reflected on almost real time basis.

#### XML File Name

The naming convention for the XML file is MMDDHHmm.XML where:

MM= Month Month  
DD = Day Day  
HH = Hour Hour  
mm = Minute Minute

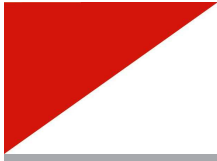
#### XML Primary Branches

##### IP\_IMPORT

This file will contain all the required data generated by the Island Pacific application. This data will be required by the Web Application to ensure data between Island Pacific and the Web are kept in synch.

##### IP\_EXPORT

This file will contain data generated by the Web Site and required by Island Pacific to update information within the Island Pacific application.





## Data Flow

The assumed data flow is highlighted in the table below. The SOURCE column relates to the application the GENERATES the respective XML schema branch. The DESTINATION column refers to the application the PROCESSES the respective XML schema branch.

Data File Branch	Source	Destination
ip_import	ISLAND PACIFIC	TBA
ip_export	SITES N STORES	ISLAND PACIFIC



## XML File Definitions

### IP\_IMPORT SUB BRANCHES

#### Products

Once a product is created or modified in dolFIN the information will be sent to "YYY" via the "Products" branch. This EXCLUDES Barcode/SKU codes, these will be sent via the "Barcodes" branch file mentioned further below.

The dolFIN programs that will generate the "Products" branch will be as follows:

-  Inventory Product Create/Maintain
-  Price Markdowns
-  Ship Products To Store

**PLEASE NOTE: NOT ALL PRODUCTS will automatically be sent from Island Pacific to YYY. XXX will have to maintain a "Product Attribute" to signify which products are to be sent to YYY. The default will be that the product created is NOT sent to YYY unless the "Product Attribute" is enabled.**

At this point there is NO product information being sent from YYY to Island Pacific.

#### Colours

This contains all new and modified colour codes and descriptions associated with each product.

#### Product\_Narratives

This contains all new and modified Product Narrative lines associated with each product.

#### Sizes

This contains all new and modified product size details associated with each product size header.

#### Product\_Merges

The contains all product deletions and product merges. When a product is deleted from the Island Pacific Inventory module, the details are merged into a consolidated product code ( the default is code '999' )

#### Stock\_Positions



Any changes to the stock on hand position in the Island Pacific "Web Store" location will be contained within this branch.

As stated previously, all stock reductions affected by the processing of web sales by Island Pacific will be contained within the "stock\_positions" sub branch as well, so "YYY" need to allow for this in the processing logic within the web application.

At this point there is NO product stock information being sent from YYY to Island Pacific.

### **Barcodes**

This contains all new and modified SKU/EANS associated with each product.

### **Members**

This contains any new members created or modified within the Island Pacific application.

### **IP\_EXPORT SUB BRANCHES**

"YYY" will process all sales that are transacted on the XXX website. These sales will then be sent to Island Pacific and contained within the "IP\_EXPORT" branch. This sub branches of the XML file are defined below.

It should be noted, that the sale file needs to accommodate a field for MEMBER ID, in the case where a Web Sale is transacted, by a valid XXX member. XXX require that all member purchases and new member registrations are reflected accordingly in the Island Pacific dolFIN Head Office application.

As stated in the assumptions section of this document, Island Pacific expects that upon receipt of the web sale information, each web sale contained in the "SVI\_EXPORT" branch has been fully picked, despatched AND fully paid for.

Island Pacific will process the information in the web sales file, which will result in relevant stock, sales and member information being updated within the Island Pacific dolFIN application.

The sub braches of SVI\_EXPORT are as follows:

### **Members**

All WEB SITE member details (new web site members and amendments to current member details made on the XXX website) will be contained within the "members" sub branch within the "IP\_EXPORT" XML file. "YYY" will be responsible for creating the information contained in this file and once received Island Pacific will update the dolFIN Membership database accordingly.

All member tags labelled "P1,P2...Pn" are to be ignored. These are for dolFIN internal POS use.

### **Dockets**

This is all information relating to the Web Sale including "Items" and "Payments"

**PLEASE NOTE: The "Card\_Type" tag within the "Payment" section need to correspond to the payment types that have been setup within the Island Pacific system.**

`<card_type>11</card_type>`      ie Payment type '11' must exist in Island Pacific





As mentioned, the provision for including the "member id" for web sales that are processed by XXX members needs to be accounted for – This member id needs to be contained within the member tag of the "docket" section.

`<Member>001000451</Member>`

If a member sale is contained within the web sales file "IP\_EXPORT" branch, the relevant doFIN member sales history will also be updated. This will allow XXX to utilise the member reports and enquiries contained within the doFIN application.

- ▶ `<Location>/<DocketNumber>` combination must be UNIQUE, `<DocketNumber>` is 8 digits and `<Location>` is 3 digits.
- ▶ Customer Detail updates, subsequent Item Pickups and Payments can all reside within the the SAME Docket
- ▶ Certain field tags will be CONSTANT and defined by XXX (i.e. "Type", "Operator", "Location"), but they MUST be present in the .XML file as we can't hardwire them into our application.

**PLEASE NOTE:**

**To ensure that a web sale is processed immediately by the Island Pacific application, once the SVI\_EXPORT file is received, without the requirement for any picking and despatching by Island Pacific ( this will be done within the Web Application ) the following "Item" Tags must always be EQUAL**

- ▶ "Quantity"= "Taken"

e.g

`<quantity>7</quantity>`  
`<taken>7</taken>`