CANSHIP Web Services

Developing a Basic Integrated Shipping System

While Canship Web Services does provide a large variety of features and functions, we understand that some customers will only want to take advantage of the basic functions required to ship with Canpar. In order to ship, a client must ensure that each package has a valid, scannable Canpar label. In addition, each time Canpar picks up from your location, you must provide the driver with a signed copy of the manifest. The manifest contains a summary of the shipments leaving your location, as well as their associated charges. Normally, the manifest is printed at the end of the shipping day so that all shipments appear on a single manifest. However, you may print additional manifests if required, so long as each shipment picked up by the driver shows up on a manifest. For example, if you prepare a shipment and print your manifest but then realize you have another shipment to go out, simply prepare the additional labels and print a second manifest. At the time of pickup, you will give the driver a copy of each manifest that you printed.

When developing your integrated shipping system (ISS), Canpar will ask you to provide samples of both your labels and your manifest at the end of your testing and prior to providing you live credentials. While Canpar is returning both the label and manifest images, our technicians will ensure that before you go live with your ISS, the print quality of your shipping documents is acceptable. By doing so, Canpar ensures that at both the driver and terminal levels, scanning your packages will not cause any issues or delays in delivery. For a complete explanation of the system certification process, please refer to Commissioning Process section of the Canship Web Services document.

When developing a "basic" ISS, the following methods will be the most commonly used. For samples of the requests and responses, please consult the Canship Web Services Methods Samples document.

- Request Response for **getAvailableServices**- This method will return the services available based on the shipping details that have been submitted.
- Request Response for **rateShipment**- This method returns a breakdown of the charges for a shipment based on the shipping details that have been submitted.
- Request Response for **processShipment**- This method creates a shipment record on the backend
- Request Response for **getLabels**- This method returns label images to be printed and affixed to the package(s) being shipped.
- Request Response for **voidShipment**- This method allows for the deletion/ voiding of a shipment
- Request Response for **endOfDay**- This method generates a manifest file that is sent to Canpar for billing and tracking purposes.
- Request Response for **getManifest**- This method returns a PDF manifest summarizing the shipments and charges related to the manifest number, a copy of which will be provided to the driver at the time of pickup.
- Request Response for schedulePickup- For those who do not have a regular pickup, this method schedules a same day or next business day pickup, depending on the customer's input.

The following diagram illustrates the process that occurs on the frontend, as well as how the processes on the backend are functioning simultaneously.