INTEGRATION DOCUMENT

INTERNET EXPRESS DOOR-TO-DOOR COURIER REST API

Introduction

Welcome to Internet Express Door-to-Door Couriers' REST API where you will find all the information you need to integrate Internet Express into your website or application.

Our API caters for any size business and our web integration solutions allow you to offer dynamic shipping-related services directly from your website to your customers.

Outsourcing to a reliable courier partner is imperative in order for you focus on your core business and with 20 years' experience, we can assist. Simply plug into our web integration solution and connect with us.

Company Overview

Internet Express is a South African based door-to-door courier company with well developed, world-wide distribution network. We provide cost effective and highly flexible courier solutions to corporate, individual and ecommerce clients. Our services include same day delivery for ecommerce clients, express delivery for the sending of time sensitive packages, road freight deliveries for heavy and bulky goods and budget delivery services to save costs.

Scope

This document describes the basic flow process of interaction with the Internet Express REST API and should be used in conjunction with the attached Postman Collection file as well as the documentation at the following url: http://svc.internetexpress.co.za/api/docs/index

If you are unfamiliar with using Postman, please acquaint yourself with the tool here:
 https://www.getpostman.com/docs/

Full online documentation of the available models and endpoints are available here:
http://svc.internetexpress.co.za/api/docs
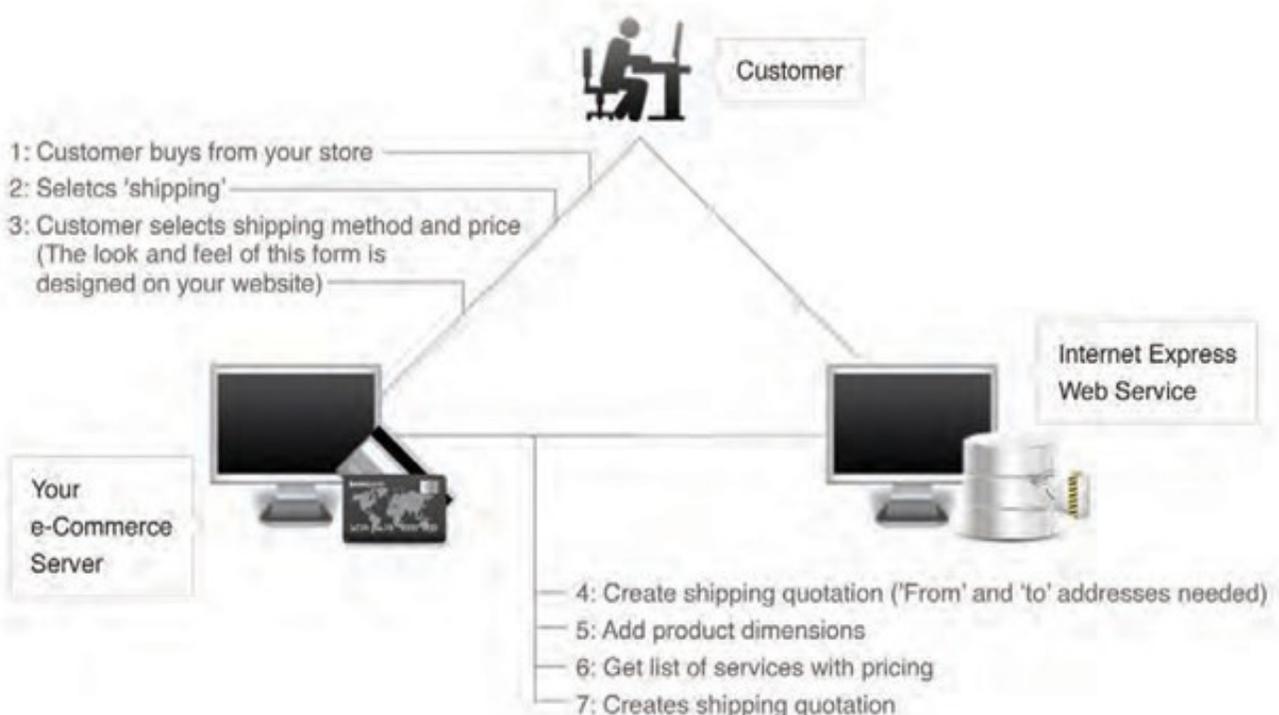
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API Overview

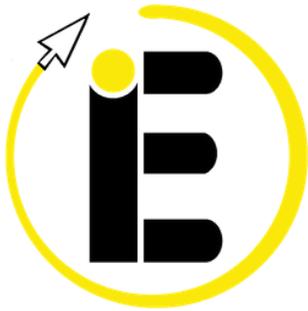The API makes provision for 3 service types:

1. Domestic deliveries: Local, major centre and regional deliveries within South Africa
2. International deliveries: Consignments collected from your door in South Africa and delivered to the receiver's door anywhere in the world and vice-versa.
3. Excess Baggage: Consignments collected from your door in South Africa and delivered to the airport of destination to await clearance and collection by the customer.

Once integrated into the API you will be able to expose the following functionality to users on your website:

• Generate a delivery quote
• Compare various services and rates
• Confirm collection and delivery details
• Receive a confirmation of the order
• Receive a waybill automatically from the information provided

Customer Experience

Customer

1: Customer buys from your store
2: Seletcs 'shipping'
3: Customer selects shipping method and price
   (The look and feel of this form is
   designed on your website)

Internet Express
Web Service

Your
e-Commerce
Server

4: Create shipping quotation ('From' and 'to' addresses needed)
5: Add product dimensions
6: Get list of services with pricing
7: Creates shipping quotation

Integration Process

In order to integrate into the Internet Express API you will need to set-up an account with the Internet Express Customer Service Department. This will be a test account and will be provided before the credit application is completed. Please e-mail support@internetexpress.co.za to do this.
Integration is broken down into five parts and the high-level flow is as follows:

1. The calling application will need to supply the API with a Point Id for the collection and a Point Id for the delivery. To do this, a separate call will need to be made to the /api/point/all endpoint passing a filter parameter (which can be either a postal code or part of a suburb / area). Making this call will return an array of matching Point objects and the calling application will need to store the desired Point Id for collection and then follow the same process to derive a delivery Point Id and store this for later use.
2. The calling application will need to make a call to the /api/Commodity Item endpoint to get back a list of all commodity items from the API, make the desired selection and store the Commodity Item Id for later use.
3. The calling application then needs to determine the desired Delivery Type by calling the correct endpoint based on the desired service type (domestic, international, excess bagged). The endpoints are:
    a.   /api/servicetype/domesticservicetypes
    b.   /api/servicetype/internationalservicetypes
    c.   /api/servicetype/excessbaggageservicetypes
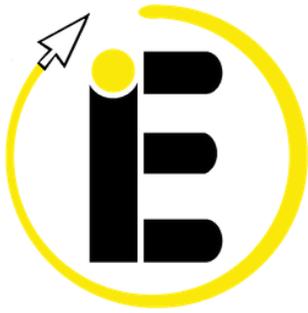
    The calling application then needs to select the desired DeliveryTypeId and store this for later use.
4. The calling application then needs to use the above to build the correct quote model based on the desired service type, populating the Items collection with the correct dimensions, weight and quantities before posting the model. The endpoint will return a collection of service options and pricing as well as a QuoteId, both of which must be stored for later use.
5. The calling application must then build up the desired order model and post this to the correct service endpoint. The API will return with a waybill number as well as a link to download the waybill as a PDF document. The payload will also include a list of tracking events that may exist at this point in the process.

Testing

In order to test the API you will need to set-up a test account with our customer service department. In order to do this, please e-mail support@internetexpress.co.za. For technical assistance during testing please e-mail production@outoftheboxideas.co.za

You will be supplied with a zero-rated account during the test period and any waybill that is generated during the test phase will be scrapped from the live system.

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Benefits of Integration

1. The system enables an automated delivery quote so customers can choose the service that suits them while knowing the associated cost at first glance.

2. There is no cross subsidising as you are integrating to the provider themselves, not a 3rd party.

3. Customers have access to online tracking creating peace of mind

4. The system generates an automatic waybill once the courier transaction is completed. The waybill allows you, as the merchant to view the requested service which cannot be amended after the fact. The waybill contains accurate information and clients know the cost of their chosen service upfront so there is no hidden cost after the event.

5. Merchants have access to 30 day accounts when integrating with the Internet Express API

6. Our API makes online booking seamless, no more phone calls!

7. Our API makes both national and international shipping possible.

8. Shipping becomes part of your online business allowing customers a full e-commerce experience that is instantaneous. No manual intervention required.

9. Our system builds up a customer history and relevant data to ensure an internal audit trail.

10. We offer courier analysis reporting allowing you to view historic data, returns information, bulk manifests and more. You are also privy to any new functionality updates at no charge

11. Integrating into our API is completely FREE

12. You are eligible to a minimum of 10% discount if you integrate today!

Contact

For more information regarding the integration process please contact Internet Express at support@internetexpress.co.za or production@outoftheboxideas.co.za