

OLD DOMINION FREIGHT LINE, INC. **DOCUMENT API DEVELOPMENT GUIDE**



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Getting Started

Overview

The Document API is a SOAP service which returns documents for an associated PRO number.

You can find more information on all the API services we provide on our Shipping API Integrations page at ODFL.com.

Testing

We provide a QA environment for your use while onboarding new services or when you require API testing.

When you're ready to begin, visit Shipping API Integrations and [Email an Expert](#) for assistance.

Authentication

Using this service requires an ODFL.com account. Your account username and password grant access to API data for your specific account(s). Visit our website at ODFL.com and click [Sign Up](#) to register for an account.

Have questions about your OD account? We're here to help, Monday-Friday, 7 a.m. – 8 p.m. ET:

- Telephone: 1-800-235-5569
- Email: Internet.CustomerService@odfl.com

Response

Code	Message	Notes
200	This server could not verify that you are authorized to access the document requested. Either you supplied the wrong credentials (e.g., bad password), or your browser doesn't understand how to supply the credentials required.	Verify your Username and Password and try again. If problems persist, contact Internet.CustomerService@odfl.com for help.

Request

Authorization

Authorization Type: Basic

Provide your ODFL.com account Username and Password.

Base Path

Environment	URL
QA	https://apiq.odfl.com/odfl4me/v1.0/documentRetrieval
Production	https://api.odfl.com/odfl4me/v1.0/documentRetrieval

Fields

Field	Definition	Data Type	Required	Default
proNumber	PRO number that the document is linked to.	Number	Y	
type	Type of document.	String	Y	
format	Type of document format.	String	Y	

Field	Definition	Data Type	Required	Default
pageNumber	Number of pages of retrieved document.	Number	N	0
multiPage	This option is allowed only with PDF format.	Boolean	N	False

Values

Field	Values	Description
type	DR	Delivery Receipt
	PS	Packing Slip
	BL	Bill of Lading
	INVOICE	Invoice Note: The invoice provided is a snapshot and subject to change until the finalized invoice is sent to the customer.
	LC	Lumper Certificate
	WC	Weight Certificate
	IC	Inspection Certificate
	OC	Overlength Certificate
	AP	Delivery Appointment Document
format	PDF	
	TIFF	

Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ser="http://service.
document.odfl.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:getDocument>
      <request>
        <proNumber>11111111</proNumber>
        <type>DR</type>
        <format>PDF</format>
        <pageNumber>3</pageNumber>
        <multiPage> </multiPage>
      </request>
    </ser:getDocument>
  </soapenv:Body>
</soapenv:Envelope>
```


Response

Fields

Field	Definition	Data Type
doc	Binary data of the requested document.	string/binary
success	Status of response.	boolean
errors	This field contains validation errors in case of false success status.	string
numberPages	The number of pages in the requested document.	numeric

Response Codes

Response Code	Message	Details
200	Please enter a valid PRO number.	Invalid Pro number was provided.
200	Invalid type - allowed types = [DR, PS, BL, INVOICE, LC, WC, IC, OC, AP]	Invalid type was provided.
200	Invalid format - allowed formats = [TIFF, PDF]	Invalid format was provided.

Sample

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Header>
    <WorkContext xmlns="http://oracle.com/weblogic/soap/workarea"/>
  </S:Header>
  <S:Body>
    <ns0:getDocumentResponse xmlns:ns0="http://service.document.odfl.com">
      <getDocumentReturn>
        <doc>
          <base64Binary>{{binaryData}}</base64Binary>
        </doc>
      </getDocumentReturn>
    </ns0:getDocumentResponse>
  </S:Body>
</S:Envelope>
```