

# Code example: using Jetpak SOAP-Client

This Jetpak SOAP-client example is a resource for understanding how to work with Jetpak Web Service. The information provided is intended to help you get started with your first booking.

Download the code example solution from <https://github.com/JetpakOnline/SOAP-Client>.

Over all basics:

- The example shows you how to get a delivery option and make a booking from it.
- You will need login credentials and a customer number from Jetpak to run it.
- Default setting is to run against a test environment (no “live” bookings).

The example solution:

- A Windows application.
- .NET Framework 4.5.
- Reference to Jetpak Web service is created as a Web Reference (important).
- Use Visual Studio 2012 or later.

WDSL:

- TEST (default): <https://testjena.jetpak.com/JenaEnhanced.wsdl>
- LIVE (production): <https://jena.jetpak.com/JenaEnhanced.wsdl>

Base methods used:

- |   |  |
|---|--|
| • <code>JenaGetTransportAlternatives</code> | Get delivery options from user booking data.                       |
| • <code>CreateExternalCourierBooking</code> | Example of courier booking data (User method).                     |
| • <code>CreateExternalFlightBooking</code>  | Example of flight booking data (User method).                      |
| • <code>JenaExternalBooking</code>          | Make the booking with chosen <code>TransportAlternativeld</code> . |

Base schemas:

- *Booking data*: <https://jena.jetpak.com/schema/ExternalBooking.xsd>
- *Transport alternative response*: <https://jena.jetpak.com/schema/TransportAlternativesResponse.xsd>
- *Booking response*: <https://jena.jetpak.com/schema/ExternalBookingResponse.xsd>

How to run the example and make a booking:

1. Make sure you have received this data from Jetpak:
  - a. Login credentials (*Username* and *Password*)
  - b. Customer number (*CustomerNbr*)
  - c. Customer product (*CustomerProduct*)
2. Fill your *ExternalBooking* with credentials and booking data. See xsd-schema for full list of parameters.
3. Search Delivery Options (transport alternative), using your *ExternalBooking* with `JenaGetTransportAlternatives`.
4. Get the result and choose your alternative. Set *TransportAlternativeld* in your *ExternalBooking*

5. Make the booking, using your *ExternalBooking* with `JenaExternalBooking`.
6. Done! Now check the booking response:
  - a. **IMPORTANT** - Check *Status* – a successful booking will be returned with the code “2” (*Item2*).
  - b. *AwbNbr* is the Jetpak booking reference.
  - c. *ErrorTexts* will be given if any trouble occurs with booking.