



# Integrate - Accelerate

Use this specially designed guide to help you integrate your business systems with our domestic web services.



**FedEx Domestic Shipping Web Services**

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## Payment

You must remit payment in accordance with the FedEx Domestic Service Guide, tariff, service agreement or other terms or instructions provided to you by FedEx from time to time. You may not withhold payment on any shipments because of equipment failure or for the failure of FedEx to repair or replace any equipment.

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## Disclaimer

All improper transaction scenarios are for example only. They do not reflect all error condition scenarios. FedEx reserves the right at any time to amend, modify or discontinue the services, tariffs and applicable terms and conditions with or without prior notice.

## Support

- Contact your Customer Technology Representative for support.
- For technical support:  
Call 801 002 800 or 22 211 80 00 (for Mobile Phones).  
Support hours are Monday through Friday 08:00 – 18:00.
- For FedEx Customer Service:  
Call 801 002 800 or 22 211 80 00 (for Mobile Phones).  
Support hours are Monday through Friday 08:00 – 18:00.
- Customers who are using a 3rd party solution should contact their software provider for support.



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# About this guide

Welcome to our integration guide for application developers, specifically designed to assist you in integrating with our Domestic Shipping Web Services.

It will help you get started right away, it explains how to use our Application Programming Interface (API) and it also describes each service available to you.

Please don't hesitate to get in touch with us if you need more support – we'll be happy to help you with any enquiries you may have.

## Document organisation

Each web service provides access to FedEx features; the service description includes service details and a full schema listing to facilitate application development.

## Resources

- FedEx services at-a-glance: [fedex.com/pl/shipping-services](http://fedex.com/pl/shipping-services)
- Domestic services within Poland at-a-glance: [fedex.com/pl/shipping-services/domestic](http://fedex.com/pl/shipping-services/domestic)
- Microsoft web services: <http://msdn.microsoft.com/pl-pl>
- O'Reilly XML.com: [www.xml.com](http://www.xml.com)
- Web services organisation home page: <http://www.w3.org/standards/webofservices/>

## International Web Services

FedEx International Web Services can be found at: [fedex.com/us/developer](http://fedex.com/us/developer). Please note that the international web services are in English only.





Our domestic shipping web services give you the tools to build customised platforms and interface-independent applications to create integration solutions for your specific shipping needs. Here are just a few ways a company can use web services to streamline operations, improve visibility, and provide more choices to customers:

- **Reduce customer service costs:** Decrease phone traffic from customers checking the status of their shipments and cut customer service costs. FedEx provides online Tracking Services that allow you to provide customers with the status of shipments.
- **Reduce shipping preparation time:** Create shipping labels quickly by using shipment data that is stored within the customer's system and cut costs in dispatch.

Why should developers be interested in web services?

- Any web service can interact with any other web service and can be written in any programming language.
- Web services communicate using HTTP and XML. Any connected device that supports these technologies can both host and access web services.
- **Low barrier to entry:** The concepts behind web services are easy to understand, and developers can quickly create and deploy them using many toolkits available on the web.
- **Industry support:** Major content providers and vendors support web services movement.

Any application running on any platform can interact with a web service by using the Simple Object Access Protocol (SOAP) and Web Services Description Language (WSDL) standards for message transfer and service discovery. By following the standards, applications can seamlessly communicate with platform services.

## Document overview

This guide provides instructions for coding the functions you need to develop applications supporting domestic services within Poland. The following chapters make up this guide:

- Introduction (this chapter):
  - Documentation overview and guidelines, including how to print this guide.
  - Overview information about web services, including a high-level description of FedEx Domestic Shipping WebServices methods.
  - Coding basics.
  - Overview information about testing and certifying your application.

Each chapter covering FedEx Domestic Shipping Web Services coding includes:

- Service details: Business rules for using FedEx service.
- Service options: Links to additional services that can be added to the basic web service.
- Coding details: Best practices information, basic request and reply elements, and a link to error messages.
- XML Schema: A link to the layout for the service. This layout provides coding requirements for all the elements in the schema.

Please note that the alphanumeric field within this document is set with the following rules:


- N = numeric and only numbers, decimals and separators are allowed as per the criteria within the element.
- A = both character and numbers are allowed as per the criteria within the element.

## Printing all or parts of this guide

You can print all or parts of this guide from the PDF.

### Printing from the PDF version

From the PDF version you can print the complete document or a page range of the document.

1. Open the PDF file and click on the printer icon  or click File > Print.
2. From the Print dialog box, print the complete document, specify a page range, or choose from any of the available print options.

## Web Services, WSDL, and SOAP overview

This section describes the standard coding technologies used in FedEx Domestic Shipping Web Services.

### Web Services

Web Services are a collection of programming technologies, including XML, Web Services Description Language (WSDL), and SOAP, which allow you to build programming solutions for specific messaging and application integration.

Web Services are, by definition, platform independent. FedEx Domestic Shipping Web Services allow developers to build custom applications that are independent of changes to the FedEx interface.

**Note:** FedEx Domestic Shipping Web Services are not offered as a part of a Universal Description Discovery and Integration (UDDI) and must be downloaded from the <https://poland.fedex.com/fdsWs/IklServicePort?WSDL> and stored locally for development and usage.

## WSDL

A SOAP request to, or response from, a service is generated according to the service's WSDL definition. A WSDL document describes a service. It is an XML document that provides information about what the service does, the methods that are available, their parameters, and parameter types. It describes how to communicate with the service in order to generate a request to, or decipher a response from, the service.

The purpose of a WSDL is to completely describe a web service to a client. A WSDL defines where the service is available and what communications protocol is used to talk to the service. It defines everything required to write a program to work with an XML web service. A WSDL document describes a web service using seven major elements. The elements can be abstract or concrete.

Abstract XML elements describe the web service: <types>, <message>, <operation>, <portType>. Concrete XML elements provide connection details: <service>, <port>, <binding>.

## WSDL Elements

Element	Element
<definitions>	The root element contains name space definitions.
<portType>	The most important WSDL element. It is a set of all operations that a Web Service can accept and is a container for <operation> elements. This WSDL element describes a web service, the operations that can be performed, and the messages that are involved, and can be compared to a function library (or a module or a class) in a traditional programming language.
<types>	Defines variable types used in the web service (both the parameters passed to a function and the type of the value passed back via the response.) The data types are described by XML schema. This element contains user defined data types (in the form of XML schema). For maximum platform neutrality, WSDL uses XML schema syntax to define data types.
<messages>	Defines the data elements of an operation. Each message can consist of one or more parts that can be compared to the parameters of a function call in a traditional programming language.
<operation>	Child of the <binding> element that defines each operation that the port exposes. This element allows only three messages:  Message – Definition Input Message – Data web services receive Output Message – Data web services send Fault message – Error messages from the web services
<service>	Contains a <port> child element that describes the URL where the service is located. This is the location of the ultimate web service.
<binding>	Defines the message format and protocol details for each port. The binding element has two attributes: the name of the attribute and the type of attribute. This element specifies how the client and the web service should send messages to one another.

Note: For more information about WSDL standard, refer to the World Wide Web Consortium (W3C) Website at [w3.org/TR/wsdl](http://w3.org/TR/wsdl).

## SOAP

- Is a simple XML-based protocol that allows applications to exchange information over HTTP.
- Is built on open standards supported by numerous development tools on various platforms.
- Is a request interface object in your application programming language.
- Provides a way to communicate between applications running on different operating systems, with different technologies and programming languages.
- Enables the data to pass through layers of intermediaries and arrive at the ultimate receiver the way it was intended.

**Note:** You may not need to actually construct the SOAP messages yourself – many development tools available today construct SOAP behind the scenes.

### Soap message

A SOAP message is an XML document that can be a request for a web service from a client or a “reply” from a web service to a client.

- Required <SOAP:Envelope>
- Optional <SOAP:Header>
- Required <SOAP:Body>

### Example: Print label request (SOAP message)

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:wydrukujEtykietePaczki>
<kodDostepu>*****</kodDostepu>
<numerPaczki>*****</numerPaczki>
<format>epl</format>
</ws:wydrukujEtykietePaczki>
</soapenv:Body>
</soapenv:Envelope>
```

## Implementing FedEx Domestic Shipping Web Services

Before you begin implementing FedEx Domestic Shipping Web Services, note the following guidelines:

- FedEx Domestic Shipping Web Services are designed for use by skilled developers who are familiar with the communication standards SOAP and Web Services Description Language (WSDL).
- Unlike traditional client/server models, such as web server or web page system, web services do not provide the user with a graphical user interface (GUI). Instead, web services share business logic, data, and processes through a programmatic interface across a network.
- To perform a particular FedEx task such as tracking a package, you need to use a class, module, or function that creates your request, sends it to the FedEx Domestic Shipping platform, and handles the response.
- FedEx Domestic Shipping Web Services are designed to support any operating system and coding language.



## Understanding the XML schema

The XML schema defines the messages that you can use to access domestic services within Poland.

You can create a request that contains the business data and other instructions and then send it to the FedEx system. FedEx replies with a response that contains the data resulting from the request.

The XML schema provides a means for defining the structure, content, and semantics of XML documents. An XML schema defines:

- Elements and attributes that can appear in a document.
- Elements that are child elements.
- Order and number of child elements.
- Whether an element is empty or can include text.
- Data types, default values, and fixed values for elements and attributes.

Data types, default values, and fixed values for elements and attributes. Some important facts about the XML schema:

- Elements that contain sub-elements or carry attributes have complex types.
- Elements that contain numbers (and strings, and dates, etc.), but do not contain any sub-elements, have simple types. Some elements have attributes. Attributes always have simple types.
- Complex types in the instance document, and some of the simple types, are defined in the schema associated with a FedEx Domestic Shipping Web Service. Other simple types are defined as part of XML schema's repertoire of built-in simple types.
- XML schema built-in simple types are prefixed by "xs:" which is associated with the XML schema namespace through the declaration `xmlns:xs="http://www.w3.org/standards/xml/schema"`, displayed in the schema element.
- The same prefix and association, are also part of the built-in simple types, such as `xs:string`. This association identifies the elements and simple types as belonging to the vocabulary of the XML schema language, rather than the vocabulary of the schema author.

## Guide to the XML schema

The XML schema for each WSDL provides details about the structure, content, and semantics of the request XML document sent to a FedEx Domestic Shipping Web Service and the XML document returned by that FedEx Domestic Shipping Web Service.

The top of each service schema includes:

- Schema location and schema file name that ends in an ".xsd" suffix.
- Alphabetical listing of complex types for the documented service.
- Alphabetical listing of schema simple types for the documented service.
- Input or request data type for the documented service.
- Output or reply data type for the documented service.

The remainder of the service schema contains tables of information about each element, complex type, and simple type. Each table consists of some or all of the following sections: diagram, namespace, children, type, properties, used by, facets, and source.

## Implementation process

Planning your integration and organising your application to address your shipping needs can sometimes take more time than the actual implementation of the integration.

To obtain FedEx Domestic Shipping Web Services and begin integration with an application, you should first contact your local FedEx Account Executive, who will arrange for a FedEx Customer Technology Representative to contact you.



## Testing

FedEx supplies a complete online test environment to test your application against. To execute test interactions you must first obtain a test key. This test key can be obtained from your FedEx Customer Technology Representative.

URL for the test environment: <https://test.poland.fedex.com/fdsWs/IklServicePort?wsdl>

## Certification

Certification is the process of ensuring that your implementation meets a number of requirements for safe, secure, and effective operation of your solution in the FedEx production environment. To obtain certification please contact your FedEx Customer Technology Representative.

## Going to production

Once an application has passed certification, the developer must replace the test key with the production key issued by FedEx. The application connection is then directed to the production environment, and the application is live.

URL for the production environment: <https://poland.fedex.com/fdsWs/IklServicePort?WSDL>



# Ship service

FedEx Domestic Shipping Web Services offer customers the ability to create domestic shipments, which means you can create shipping transactions where the origin and destination are within Poland.

## Poland domestic service details

For more information about domestic services in Poland, please contact your FedEx Account Executive.

## Poland domestic ship service

The Ship Service method is called `zapiszListV2` and can be found in the `IkIService` WSDL. It gives the customer the ability to send shipment data to FedEx, for FedEx to validate that data, and reply with shipment numbers. These shipment numbers must be used with the Print Service in order to print a shipment or package label.

## Poland domestic ship coding details

Before you begin coding, note the following:

- Domestic shipments are created using the `zapiszListV2` which is a module located in the `IkIService` WSDL.
- Full details can be found in the following tables.
- FedEx supports multiple-package shipments (MPS) with a maximum amount of 99 packages per shipment.
- The `zapiszListV2` method validates and creates shipment data in the FedEx back-end system. The reply contains shipment and package numbers and dimensional weights. To obtain shipment labels you must also send one of the following requests:
 

- wydrukujEtykieta	Thermal Label Print All
- wydrukujEtykieta Paczki	Thermal Label Print Single
- wydrukujList	A4 PDF Label Print

## Shipment data

The following section describes details of the elements within the shipment section of the zapiszListV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
accessCode	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
shipmentV2/waybill	No	Shipment number	N	Y	N	Length = 13	Returned in the reply, not to be included within the request.
shipmentV2/nrExt	No	Customer reference field	Y	Y	A	Length = 30	Data prints on the shipment label.
shipmentV2/paymentForm	No	Payment form	Y	Y	A	Length = 1 valid values are G – cash P – bank transfer	<b>Required</b> As per your FedEx account setup.
shipmentV2/shipmentType	No	Type of shipment	Y	Y	A	Length = 1 Default this value to K	<b>Required</b> Default to 'K' for intra-country shipping type.
shipmentV2/payerType	No	Payment type	Y	Y	N	Length = 1 valid values are 1 – sender 2 – recipient 3 – third party	<b>Required</b> Note: If you select recipient, then the element recipient customer number becomes mandatory. If you select third party, then the element payer customer number becomes mandatory.
shipmentV2/remarks	No	Shippers comments	Y	Y	A	Length = 300	Shipper's comments will print on the FedEx label in the description field. These comments can be used to add information about the shipment, to enable delivery or information about the contents.
shipmentV2/mpk	No	Cost center	Y	Y	A	Length = 10	For customers to use within internal settlement procedure (i.e. cost center, department name or notes).

## Shipper data

The following section describes details of the elements within the shipper section of the zapiszListV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/ Numeric	Formatting	Requirements and dependencies
sender/ senderId	No	Shipper customer number	Y	Y	N	Length = 10	<b>Required</b> The customer number will be linked to the access key. Ad-hoc senders are not allowed.
sender/ contactDetails/ name	No	Shipper first name	Y	Y	A	Length = 50	Only needs to be supplied if different from the setup which is stored in the FedEx back- end system.
sender/ contactDetails/ surname	No	Shipper last name	Y	Y	A	Length = 100	Only needs to be supplied if different from the setup which is stored in the FedEx back- end system.
sender/ contactDetails/ phoneNo	No	Shipper telephone number	Y	Y	A	Length = 20 Formatting characters like +, /, - or space are supported.	Only needs to be supplied if different from the setup which is stored in the FedEx back-end system.
sender/ contactDetails/ email	No	Shipper email address	Y	Y	A	Length = 35	<b>Required</b> if sender email alert is selected, and also if not setup in the FedEx back-end system.



## Recipient data

The following section describes details of the elements within the recipients section of the `zapiszListV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
receiver/receiverId	No	Recipient customer number	Y	Y	N	Length = 9	If no number is supplied a new recipient is created with it's own customer number.
receiver/addressDetails/isCompany	No	Company identification flag	Y	Y	N	Length = 1 allowed values • 0 = no • 1 = yes	<b>Required</b> if recipient customer number is left blank. Identifies if the recipient is a company or not.
receiver/addressDetails/companyName	No	Recipient company name	Y	Y	A	Length = 150	<b>Required</b> if recipient customer number is left blank and Recipient is a company (isCompany = 1).
receiver/addressDetails/vatNo	No	Recipient tax ID (NIP)	Y	Y	N	Length = 10	Optional
receiver/addressDetails/name	No	Recipient first name	Y	Y	A	Length = 50	Optional
receiver/addressDetails/surname	No	Recipient last name	Y	Y	A	Length = 95	<b>Required</b> a Recipient is an individual person (isCompany = 0). Optional if recipient customer number is left blank.
receiver/addressDetails/nrExt	No	Recipient ID	Y	Y	A	Length = 30	Customers own identification for the recipient.
receiver/addressDetails/city	No	Recipient city	Y	Y	A	Length = 85	<b>Required</b>
receiver/addressDetails/postalcode	No	Recipient postcode	Y	Y	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	<b>Required</b>
receiver/addressDetails/countryCode	No	Recipient country	Y	Y	A	Length = 2 two letter ISO country code	If not included, it will be automatically set as PL for Poland.
receiver/addressDetails/street	No	Recipient street	Y	Y	A	Length = 70	<b>Required</b>
receiver/addressDetails/homeNo	No	Recipient building number	Y	Y	A	Length = 20	<b>Required</b>

Element	Multiple occurrence	Description	Input	Output	Alpha/ Numeric	Formatting	Requirements and dependencies
receiver/ addressDetails/ localNo	No	Recipient suite number	Y	Y	A	Length = 10	Optional.
receiver/ contactDetails/ name	No	Recipient first name	Y	Y	A	Length = 50	Optional.
receiver/ contactDetails/ surname	No	Recipient last name	Y	Y	A	Length = 95	<b>Required</b> if recipient customer number is left blank and Recipient is individual person (isCompany = 0)
receiver/ contactDetails/ phoneNo	No	Recipient telephone number	Y	Y	A	Length = 20	<b>Required</b> if SMS notification of Recipient is chosen.
receiver/ contactDetails/ email	No	Recipient email address	Y	Y	N	Length = 80	<b>Required</b> if EMAIL notification of Recipient is chosen.

## Payment data

The following section describes details of the elements within the payment section of the zapiszListV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/ Numeric	Formatting	Requirements and dependencies
payer/payerId	No	Payer customer number	Y	Y	N	Length = 10	<b>Required</b> if payment type is set to third party and if payment form is bank transfer.
payer/ contactDetails/ name	No	Payer name	Y	Y	A	Length = 50	Optional.
payer/ contactDetails/ surname	No	Payer first name	Y	Y	A	Length = 95	Optional.
payer/ contactDetails/ phoneNo	No	Payer telephone number	Y	Y	A	Length = 20	Optional.
payer/ contactDetails/ email	No	Payer email address	Y	Y	N	Length = 80	Optional.

## Shipment confirmation

The following section describes details of the elements within the shipment confirmation section of the zapiszListV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
proofOfDispatch/senderSignature	No	Sender's signature	Y	Y	A	Length = 50	<b>Required</b> Shipper's name in text format.
proofOfDispatch/courierId	No	Courier number	Y	Y	N	Length = 6	<b>Required</b> FedEx will provide you with the courier number.
proofOfDispatch/sendDate	No	Ship date	Y	Y		Length = 16	<b>Required</b> Ship date is used to specify when the package is to be handed over to FedEx. Date cannot be set earlier than the current date, and not later than current date + 14 days, valid format: YYYY-MM-DD HH:MM e.g. 2016-06-30 15:45

## COD data

The following section describes details of the elements within the COD (Cash On Demand) section of the zapiszListV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
cod/codType	No	COD return method	Y	Y	A	Length = 1 allowed values • B – bank transfer	Bank transfer is the only supported COD return method. The national bank account number (NRB) field will become required when this option is selected.
cod/codValue	No	COD amount	Y	Y	N	Length = 8 Decimal Separator is a comma	<b>Required</b> if the COD return method is entered. Maximum value as per customer contract.
cod/bankAccountNumber	No	National bank account number (NRB)	Y	Y	N	Length = 26 NRB format	<b>Required</b> if B is selected in codType (COD return method).

## Insurance

The following section describes details of the elements within the insurance section of the zapiszListV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
insurance/insuranceValue	No	Insurance amount	Y	Y	N	Length = 8 Decimal Separator is a comma	Maximum value as per customer contract. <b>Required</b> if a COD amount was selected. Insurance amount cannot be lower than the COD amount.
insurance/contentDescription	No	Description of contents	Y	Y	A	Length = 255	<b>Required</b> if an insurance amount is entered.

## Supplementary services

The following section describes details of all the other elements within the service section of the `zapiszListV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
<code>additionalServices/ service/ serviceId</code>	Yes	Supplementary services	Y	Y	Y	Refer to Supplementary services table for available formats.	A code of a special service needs to be provided to indicate a service. Refer to the Supplementary services table for available services.
<code>additionalServices/ service/ serviceArguments/ serviceArgument/ code</code>	Yes	Arguments for a chosen supplementary service	Y	Y	Y	Refer to Supplementary services table for available formats.	A code of a service argument. Refer to the Supplementary services table for available services.
<code>additionalServices/ service/ serviceArguments/ serviceArgument/ argValue</code>	Yes	Value for an argument of a supplementary service	Y	Y	Y	Refer to Supplementary services table for available formats.	A value for a code of a service argument. Refer to the Supplementary services table for available services.

## Supplementary services table

The following section describes details of all the available services, their codes, arguments and values within the service section of the `zapiszListV2` and/or `zapiszListZwrotnyV2`.

Service code <serviceId>	Service name	Arguments required	Arguments <code>	Available values <argValue>	Alpha/ Numeric	Formatting
PRZ	Tender	Y/N (tender can be set without declared hour)	GODZ_OD	9:00 to 15:00 Minutes '00' or '30'	A	HH24:MIN example: '10:00' or '10:30'
ZAL	Load	N				
ROZ	Unload	N				
WN	Carry in	N				
PP	Direct Signature. Must be activated by FedEx	N				
PRE	Courier Call	N				
ZN_NAD	Carry Out at Shipper	N				
ZN_ODB	Carry Out at Recipient	N				
ND9	FedEx Next Day 9. A special service to indicate a timed delivery before 9:00. There is a surcharge applicable.	N				
ND10	FedEx Next Day 10. A special service to indicate a timed delivery before 10:00. There is a surcharge applicable.	N				
ND12	FedEx Next Day 12. A special service to indicate a timed delivery before 12:00. There is a surcharge applicable.	N				

Service code <serviceld>	Service name	Arguments required	Arguments <code>	Available values <argValue>	Alpha/ Numeric	Formatting
DOC_RETURN	A special service to indicate the need to return any type of confirmed documents to the sender. There is a surcharge applicable for this service.	N				
COLLECT_DELIVERY	A special service to indicate the need to return to the sender a copy of the shipment way-bill which has been signed by the recipient. There is a surcharge applicable for this service.	N				
HOME_DELIVERY	A special service to indicate a residential address delivery. There is a surcharge applicable for this service.	N				
MARKET_DELIVERY	A special service to indicate a retail delivery (shopping mall). There is a surcharge applicable for this service.	N				
POD_EMAIL	Shipper email alert. Please note that the shipper email address needs to be entered.	N				
DISPATCH_PROOF_EMAIL	Recipient email alert. Please note that the recipient email address needs to be entered.	N				
EVENING_DELIVERY	Timed delivery window. A special service to indicate a timed delivery between the set hours 17:00 to 19:00 and 19:00 to 22:00. There is a surcharge applicable for this service.	Y	GODZ	17-19 19-22	A/N	
SATURDAY_DELIVERY	Special delivery day. A special service to indicate the option for a special delivery day. There is a surcharge applicable for this service.	N		B = No Service S = Saturday	A	Length = 1
PERSONALIZED_DELIVERY	Personal delivery. To indicate special service request for personal delivery. There is a surcharge applicable for this service.					
EMAIL	Email alert. Please note that the email address needs to be entered.	N		1. shipper 2. recipient 3. shipper and recipient	N	Length = 1
SMS	SMS alert. Please note that the phone number needs to be entered.	N		1. shipper 2. recipient 3. shipper and recipient	N	Length = 1
PALLET_RETURN	Pallet return	Y	EU EP		N	Length = 2 Maximum 99
PAZ	Return Pack. Must be activated by FedEx.	N				
PZW	Return Label. Must be activated by FedEx.	N				
DTR	Direct To Retail - A special service indicating delivery to a retail point within a given retail network. Service requires two arguments: PARTNER (DTR partner code) and POINT_CODE (code of the DTR point) used in partner's network. Must be activated by FedEx.	Y	PARTNER POINT_CODE	[retail network partner name] [point_code number]	A/N	

## Validation rules for DTR service:

- Retail network Partner point (point\_code) must be valid active.
- DTR service can be used with the following services only: insurance, COD, e-mail notification, SMS notification. All other supplementary services are not available for DTR service.
- Customer (shipper/payer) needs to have DTR service activated by FedEx.
- Valid email and mobile phone number must be provided in the Recipient contact details section.
- DTR service is available for single parcel shipments only (no pallets available).
- Weight and dimensions are validated according to retail network partner's requirements.
- COD and insurance values are being validated.
- COD service is only available if a certain retail point has the service available.



## Package data

The following section describes details of the elements within the package section of the `zapiszListV2`, the package data should be repeated for each package within the shipment.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
parcels/parcel/waybill	Yes	Package number	N	Y	N	Length = 13	Returned in the reply, not to be included within the request, please note that shipment number and package number 1 will be the same value.
parcels/parcel/type	Yes	Package type	Y	Y	A	Length = 2 allowed values • KP • PC • PL	<b>Required</b> Denotes the type of the package being sent: • KP - envelope • PC - package • PL - pallet
parcels/parcel/weight	Yes	Package weight	Y	Y	N	Length = 8 Decimal Separator is a comma, 3 decimal digits are supported.	<b>Required</b> Weight in kilograms.
parcels/parcel/dim1	Yes	Package length	Y	Y	N	Length = 5	Optional, all measurements are in centimeters.
parcels/parcel/dim2	Yes	Package width	Y	Y	N	Length = 5	Optional, all measurements are in centimeters.
parcels/parcel/dim3	Yes	Package height	Y	Y	N	Length = 5	Optional, all measurements are in centimeters.
parcels/parcel/shape	Yes	Nonstandard package or pallet shape	Y	Y	N	Length = 1 Allowed values • 0 = no • 1 = yes	<b>Required</b> Indicates whether a package or a pallet is of nonstandard shape or type due to their size or properties.
parcels/parcel/dimWeight	Yes	Package dimensional weight	Y	Y	N	Length = 8 Decimal Separator is a comma, 3 decimal digits are supported.	Can be included but will automatically be calculated by FedEx and returned in the reply. Dimensions calculated by the following method: (Length * Width * Height) / 6000
parcels/parcel/nrExtPp	Yes	Package reference	Y	Y	A	Length = 50	Customer reference per package, does not print on FedEx labels.

## Shipment data

The following section describes details of the elements within the return shipment request of the `zapiszListZwrotnyV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
accessCode	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
originShipmentNumber	No	Original shipment number	Y	N	N	Length = 13	<b>Required</b> Original shipment number must be included within the request.
returnType	No	Type of return	Y	N	A	Length = 3 Allowed values • PZW • PAZ	<b>Required</b>
numbersOfDaysValidity	No	Number of days for the return label to be valid	Y	N	N	Length = 3	Only required for PZW type of return. Validity of the label cannot be longer than 180 days.
services/ service/ serviceId	Yes	Supplementary service ID	Y	Y	Y	Refer to Supplementary services table for available formats.	A code of a special service needs to be provided to indicate a service. Refer to the Supplementary services for return shipment table for available services.
services/ service/ serviceArguments/ serviceArgument/ code	Yes	Arguments for a chosen supplementary service	Y	Y	Y	Refer to Supplementary services table for available formats.	A code of a service argument. Refer to the Supplementary services for return shipment table for available services.
services/ service/ serviceArguments/ serviceArgument/ argValue	Yes	Value for an argument of a supplementary service	Y	Y	Y	Refer to Supplementary services table for available formats.	A value for a code of a service argument. Refer to the Supplementary services for return shipment table for available services.
listZwrotnyV2/ waybill	No	Return shipment number	N	Y	N	Length = 13	Returned in the reply.
listZwrotnyV2/ nrExt	No	Customer reference field	N	Y	A	Length = 13	Data taken from the original shipment.
listZwrotnyV2/ paymentForm	No	Payment form	N	Y	A	Length = 1 valid values are • G – cash • P – bank transfer	Data taken from the original shipment.
listZwrotnyV2/ shipmentType	No	Type of shipment	N	Y	A	Length = 1	Data taken from the original shipment.
listZwrotnyV2/ payerType	No	Payment type	N	Y	N	Length = 1 valid values are • 3 – third party	Data of the payer taken from the original shipment. Payer for the shipment will be set to the shipper of the original shipment.
listZwrotnyV2/ remarks	No	Shippers comments	N	Y	A	Length = 300	Data taken from the original shipment.
listZwrotnyV2/ mpk	No	Cost center	N	Y	A	Length = 10	Data taken from the original shipment.

## Supplementary services for return shipment table

The following section describes details of all the available services, their codes, arguments and values within the service section of the `zapiszListZwrotnyV2`.

Service code <servicId>	Service name	Arguments required	Arguments <code>	Available values <argValue>	Alpha/ Numeric	Formatting
ZAL	Load	N				
ROZ	Unload	N				
WN	Carry in	N				
ZN_NAD	Carry Out at Shipper	N				
ZN_ODB	Carry Out at Recipient	N				
EVENING_ DELIVERY	Timed delivery window. A special service to indicate a timed delivery between the set hours 17:00 to 19:00 and 19:00 to 22:00. There is a surcharge applicable for this service.	Y	GODZ	17-19 19-22	A/N	

## Shipper data

The following section describes details of the elements within the shipper section of the `zapiszListZwrotnyV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/ Numeric	Formatting	Requirements and dependencies
sender/ senderId	No	Shipper customer number	N	Y	N	Length = 10	Data taken from the original shipment from the recipient data section.
sender/ contactDetails/ name	No	Shipper first name	N	Y	A	Length = 50	Data taken from the original shipment from the recipient data section.
sender/ contactDetails/ surname	No	Shipper last name	N	Y	A	Length = 100	Data taken from the original shipment from the recipient data section.
sender/ contactDetails/ phoneNo	No	Shipper telephone number	N	Y	A	Length = 20 Formatting characters like +, /, - or space are supported.	Data taken from the original shipment from the recipient data section.
sender/ contactDetails/ email	No	Shipper email address	N	Y	A	Length = 35	Data taken from the original shipment from the recipient data section.

## Recipient data

The following section describes details of the elements within the recipients section of the `zapiszListZwrotnyV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/ Numeric	Formatting	Requirements and dependencies
receiver/ receiverId	No	Recipient customer number	N	Y	N	Length = 9	Data taken from the original shipment from the shipper data section.
receiver/ addressDetails/ isCompany	No	Company identification flag	N	Y	N	Length = 1 allowed values • 0 = no • 1 = yes	Data taken from the original shipment from the shipper data section.
receiver/ addressDetails/ companyName	No	Recipient company name	N	Y	A	Length = 150	Data taken from the original shipment from the shipper data section.
receiver/ addressDetails/ vatNo	No	Recipient tax ID (NIP)	N	Y	N	Length = 10	Data taken from the original shipment from the shipper data section.
receiver/ addressDetails/ city	No	Recipient city	N	Y	A	Length = 85	Data taken from the original shipment from the shipper data section.
receiver/ addressDetails/ postalcode	No	Recipient postcode	N	Y	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	Data taken from the original shipment from the shipper data section.
receiver/ addressDetails/ street	No	Recipient street	N	Y	A	Length = 70	Data taken from the original shipment from the shipper data section.
receiver/ addressDetails/ homeNo	No	Recipient building number	N	Y	A	Length = 20	Data taken from the original shipment from the shipper data section.
receiver/ contactDetails/ name	No	Recipient first name	N	Y	A	Length = 50	Data taken from the original shipment from the shipper data section.
receiver/ contactDetails/ surname	No	Recipient last name	N	Y	A	Length = 95	Data taken from the original shipment from the shipper data section.
receiver/ contactDetails/ phoneNo	No	Recipient telephone number	N	Y	A	Length = 20 Formatting characters like +, /, - or space are supported.	Data taken from the original shipment from the recipient data section.
receiver/ contactDetails/ email	No	Recipient email address	N	Y	A	Length = 35	Data taken from the original shipment from the recipient data section.

## Payment data

The following section describes details of the elements within the payment section of the `zapiszListZwrotnyV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
payer/payerId	No	Payer customer number	N	Y	N	Length = 10	Data taken from the original shipment from the sender data section.
payer/contactDetails/name	No	Payer name	N	Y	A	Length = 50	Data taken from the original shipment from the sender data section.
payer/contactDetails/surname	No	Payer first name	N	Y	A	Length = 95	Data taken from the original shipment from the sender data section.
payer/contactDetails/phoneNo	No	Payer telephone number	N	Y	A	Length = 20	Data taken from the original shipment from the sender data section.
payer/contactDetails/email	No	Payer email address	N	Y	N	Length = 80	Data taken from the original shipment from the sender data section.

## Shipment confirmation

The following section describes details of the elements within the shipment confirmation section of the `zapiszListZwrotnyV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
proofOfDispatch/senderSignature	No	Senders signature	Y	Y	A	Length = 50	Data taken from the original shipment.
proofOfDispatch/courierId	No	Courier number	Y	Y	N	Length = 6	Data taken from the original shipment.
proofOfDispatch/sendDate	No	Ship date	Y	Y		Length = 16	Data taken from the original shipment.

## Insurance

The following section describes details of the elements within the insurance section of the `zapiszListZwrotnyV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
insurance/insuranceValue	No	Insurance amount	N	Y	N	Length = 8 Decimal Separator is a comma.	Data taken from the original shipment.
insurance/contentDescription	No	Description of contents	N	Y	A	Length = 255	The following fixed information is set: "Zwrot towaru do numeru listu {origin shipment number}"



## Package data

The following section describes details of the elements within the package section of the `zapiszListZwrotnyV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
parcels/ parcel/ waybill	No	Package number	N	Y	N	Length = 13	Returned in the reply. Please note that the shipment number and package number 1 will be the same value.
parcels/ parcel/ type	No	Package type	N	Y	A	Length = 2 allowed values • KP • PC • PL	Data taken from the original shipment.
parcels/ parcel/ weight	No	Package weight	N	Y	N	Length = 8 Decimal Separator is a comma, 3 decimal digits are supported.	Data taken from the original shipment.
parcels/ parcel/ dim1	No	Package length	N	Y	N	Length = 5	Data taken from the original shipment.
parcels/ parcel/ dim2	No	Package width	N	Y	N	Length = 5	Data taken from the original shipment.
parcels/ parcel/ dim3	No	Package height	N	Y	N	Length = 5	Data taken from the original shipment.
parcels/ parcel/ shape	No	Nonstandard package or pallet shape	N	Y	N	Length = 1 Allowed values • 0 = no • 1 = yes	Data taken from the original shipment.
parcels/ parcel/ dimweight	No	Package dimensional	N	Y	N	Length = 8	Data taken from the original shipment.
parcels/ parcel/ nrExtPp	No	Package reference	N	Y	A	Length = 50	Data taken from the original shipment.



# Print services

FedEx Domestic Shipping Web Service has a separate ship and print set of web services. Once the `zapiszListV2` has been sent and a good reply received, the print service can be used to request labels.

The labels are returned in a base64 encoded string which will need to be decoded before being sent to the printer.

There are base64 decoders examples for testing purposes, and can be found at <http://www.base64decode.org/>. Once decoded the print string can be sent directly to the printer.

Full details for all three methods can be found in the following tables.

There are three types of print services:

- Thermal Label Print All
- Thermal Label Print Single
- A4 PDF Label Print

## Thermal Label Print All

The thermal label print all method is called `wydrukujEtykiete`. The reply will return the shipment label and all associated package labels in one reply. The reply returns a base64 encoded print string which can be decoded and then directly sent to a thermal printer. The available options are:

- EPL
- ZPL200
- ZPL300

Note: Thermal printer DPI needs to be set to either 200 or 300, this allows FedEx scanning systems to read the barcode correctly.

## Thermal label print all coding details

The following section describes details of the elements within the thermal label print all request (`wydrukujEtykiete`).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction.
numerPrzesylki	No	Shipment number	Y	N	N	Length = 13	<b>Required</b> Obtained from the Ship Service reply, element shipment number.
format	No	Label format	Y	N	A	Length = 8 allowed values • EPL • ZPL200 • ZPL300	<b>Required</b> Required to format the thermal label for the printer you use; provides the type of data stream to be returned.
etykietaBajty	No	Label buffer	N	Y		Base64 encoded	The reply contains a Base64 encoded print string. It will need to be decoded and then sent to the printer.

## Thermal Label Print Single

The thermal label print single method is called `wydrukujEtykietePaczki`. The reply contains an individual shipment or package label, and can be used for different shipping lane printing or for a reprint function. The reply returns a base64 encoded print string which can be decoded and then directly sent to the thermal printer. The available options are:

- EPL
- ZPL200
- ZPL300
- PDF
- PNG

The formats EPL, ZPL200 and ZPL300 are common Eltron and Zebra programming language formats along with the print resolution in dpi. They describe printer control commands and label formatting parameters, not a printer brand or model. Any printer, which is capable to understand and process these formats, can be used, independent from brand and model.

The PDF and PNG allow printing of these formats for a single package. The option is also available for the thermal label print all method. However it is recommended not to use the thermal label print all method for PDF and PNG as it will not print multiple package labels, and reply with an error message:

`<faultstring>[-1] - Dla przesyłek wielopaczkowych należy uzyc metody wydrukujEtykietePaczki dla kazdej z paczek.</faultstring>`

Which means: For multiple package shipments please use `wydrukujEtykietePaczki` for each package separately.

Note: Thermal printer DPI needs to be set to either 200 or 300 dpi, this allows FedEx scanning systems to read the barcode correctly.

## Thermal label print single coding details

The following section describes details of the elements within the thermal label print single request (wydrukujEtykietaPaczki).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction.
numerPaczki	No	Shipment or package number	Y	N	N	Length = 13	<b>Required</b> Obtained from the Ship Service reply, element shipment or package number.
format	No	Label format	Y	N	A	Length = 8 allowed values • EPL • ZPL200 • ZPL300 • PDF • PNG	<b>Required</b> Required to format the thermal label for the printer you use; provides the type of data stream to be returned.
etykietaBajty	No	Label buffer	N	Y		Base64 encoded	The reply contains a Base64 encoded print string. It will need to be decoded and then sent to the printer.

## A4 PDF Label Print

The A4 PDF label print method is called wydrukujList. The reply will return the shipment and all associated package labels in one reply. The reply returns a base64 encoded print string in PDF format which must be decoded and then sent to a laser or ink-jet printer.

## A4 PDF label print coding details

The following section describes details of the elements within the A4 PDF label print request (wydrukujList).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction.
numerPrzesylki	No	Shipment number	Y	N	N	Length = 13	<b>Required</b> Obtained from the Ship Service reply, element shipment number.
listPdf	No	Label buffer	N	Y		Base64 encoded	The reply contains a Base64 encoded print string. It will need to be decoded and then sent to the printer. This label is supplied in PDF format to print on A4 paper size.



# Release document service

At the end of the shipping day a release document is required by FedEx and should be handed to the courier. This release document is for both the customer and FedEx to confirm the amount of shipments that have been shipped that day. The FedEx courier will sign the document to confirm the collection of the packages.

There are three request types within this section:

- Print release document
- Download package release number
- Reprint release document

Full details for all three methods can be found in the following tables.



## Print release document

The print release document method is called `zapiszDokumentWydania`. The request will return a base64 encoded PDF document which should be printed out the required amount of times as specified by your shipping process.

There are available online examples of base64 decoders on the internet for testing purposes, and can be found at: <http://www.base64decode.org/>. Once decoded the print string can be saved as a PDF or printed.

## Print release document coding details

The following section describes details of the elements within the print release document (`zapiszDokumentWydania`).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
<code>kodDostepu</code>	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction.
<code>numerPrzesylki</code>	No	Shipment number	Y	N	N	Length = 28	<b>Required</b> Obtained from the Ship Service reply, element shipment number, each shipment that has been shipped today, needs to be included within this request, with the separator of each shipment number selected below.
<code>separator</code>	No	Separator	Y	N	A	Length = 1	<b>Required</b> The separator (for example a comma or a semicolon) allows a value which is used to separate the shipment numbers in the case of multiple shipment numbers being shipped that day.
<code>kurierNumer</code>	No	Courier number	Y	N	N	Length = 6	<b>Required</b> FedEx will provide you with the courier number.
<code>dokumentWydaniaPdf</code>	No	Report buffer	N	Y		Base64 encoded	The reply contains a Base64 encoded print string. It will need to be decoded and then sent to a printer. This report is supplied in PDF format.

## Download package release number

The download package release number method is called `pobierzNumerDokumentuList`. This method is used to check whether a certain shipment number has already been assigned to a release document. Using this method obtains the release document number for that shipment. The reprint release document (`wydrukujDokumentwydania`) method can be used to reprint the document by providing the release document number.

## Download package release number coding details

The following section describes details of the elements within the download package release number (pobierzNumerDokumentuList).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction.
numerListu	No	Shipment number	Y	N	N	Length = 13	<b>Required</b>
numerDokumentu	No	Release document number	N	Y	N	Length = 16	Format YYYY-MM-DD/NNNN Where NNNN is a unique number assigned by FedEx.

## Reprint release document

The print release document method is called pobierzDokumentWydania. The request will return a base64 encoded PDF reprint of a previously requested release document.

## Reprint release document coding details

The following section describes details of the elements within the reprint release document (pobierzDokumentWydania).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction.
numerDokumentu	No	Release document number	Y	N	N	Length = 16	Format YYYY-MM-DD/NNNN Where NNNN is a unique number assigned by FedEx.
dokumentWydaniaPdf	No	Base64 encoded PDF print file	N	Y		Base64 encoded	The reply contains a Base64 encoded print string. It will need to be decoded and then sent to a printer. This report is supplied in PDF format.



# Tracking service

The Tracking Service provides the ability to actively track shipments. It enables sharing of status details for selected shipments with customers and internal requirements.

Full details for all three methods can be found in the following tables.

## Tracking Service

The `pobierzStatusyPrzesylki` method will enable the retrieval of tracking data from FedEx. Please note this solution only works with domestic shipments in Poland. This request is a single shipment request; to obtain multiple shipment data repeat the request multiple times.

### Tracking Service coding details

The following section describes details of the elements within the tracking service (`pobierzStatusyPrzesylki`).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
<code>kodDostepu</code>	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
<code>numerPrzesylki</code>	No	Shipment number	Y	N	N	Length = 13	<b>Required</b>
<code>czyOstatni</code>	No	Detail reply	Y	N	N	Length = 1 allowed values • 0 = all statuses per shipment including package statuses • 1 = latest status of the shipment	<b>Required</b>
<code>statusyPrzesylki/nrP</code>	No	Package number	N	Y	N	Length = 13	
<code>statusyPrzesylki/dataS</code>	Yes	Date/time of the status	N	Y	N	Length = 16	Format YYYY-MM-DD HH:MM e.g. 2014-06-30 15:45
<code>statusyPrzesylki/skrot</code>	Yes	Status code	N	Y	A	Length = 2 values • DS – delivered shipment • WE – package in FedEx station • WK – shipment collected by FedEx	2 letter status identifier.
<code>statusyPrzesylki/opis</code>	Yes	Status description	N	Y	A		
<code>statusyPrzesylki/oddSymbol</code>	Yes	FedEx station code	N	Y	A	Length = 3	3 letter station code.

## Bulk tracking service

The method `pobierzZbiorStatusow` returns a set of shipment statuses for a given user. The returned set can be confirmed later, so the next call of the method would return a newer set of statuses. A set of statuses contains only those that can be found in Track&Trace on FedEx web page.

To make use of the method, a user should be granted with 'OPERACJE\_ZBIOR\_STATUSY' permission. To do so, please contact Customer Service.

The statuses can be retrieved from no more than 30 days ago. The size of a returned set is limited to 1000.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
accessCode	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
limit	No	Size of the set to be returned	Y	N	N	<=1000	<b>Required</b>
setId	No	Set of statuses id number	N	Y	N		
parcelNumber	Yes	Parcel number	N	Y	N	Length = 13	
statusDate	Yes	Date/time of the status	N	Y	N	Length = 16	Format YYYY-MM-DD HH:MM e.g. 2014-06-30 15:45
shortStatus	Yes	Status code	N	Y	A		
description	Yes	Status description	N	Y	A		
deptSymbol	Yes	FedEx station code	N	Y	A	Length = 3	3 letter station code.
recipientSignature	Yes	Recipient signature	N	Y	A		

## Confirmation of previously returned set of shipment statuses

Please note the user should be granted with OPERACJE\_ZBIOR\_STATUSY role.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
accessCode	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
setId	No	Set of statuses id number	Y	Y	N		
confirmStatus	No	Parcel number	N	Y	N	1 – set has been confirmed	



# Pick-up service

The Pick-up Service provides the ability to book a courier to collect shipments. It informs the courier how many shipments to pick up, enables the sender to specify details about the collection and where the collection should take place.

Full details of this method can be found in the following table.

## Pick-up Service

The `dodajZlecenieV2` method will enable to arrange a courier pick-up. Please note this solution only works with domestic shipments within Poland.

## Pick-up Service coding details

The following section describes details of the elements within the pick-up request (`dodajZlecenieV2`).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
accessCode	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent to FedEx.
pickupOrder/ paymentForm	No	Payment form	Y	N	A	Length = 1 valid values are • G – cash • P – bank transfer	<b>Required</b> As per your FedEx account setup.
pickupOrder/ shipmentType	No	Type of shipment	Y	N	A	Length = 1 valid values are • K – national • L – local	<b>Required</b> Default to 'K' for national shipping type. The value 'L' for local is not in use yet, this will be a future enhancement.
pickupOrder/ payerType	No	Payer type	Y	N	N	Length = 1 valid values are • 1 – sender • 2 – recipient • 3 – third party	<b>Required</b>
pickupOrder/ pickupDate	No	Pick-up date	Y	N	N	Length = 10 Valid format is: YYYY-MM-DD e.g. 2014-06-30	<b>Required</b> Pick-up date is used to specify when the packages shall be picked up by FedEx. Date cannot be earlier than the current date and not later than 10 calendar days in future.
pickupOrder/ pickupHour	No	Pick-up time	Y	Y	N	HH:MM  response: HH:MM - HH:MM	<b>Required</b> Pickup hour is the beginning of a time period when courier shall pickup the shipments.  In response, a time period for pickup is presented. The length of the period depends on courier availability at a given postal code (place of pickup)..
pickupOrder/ shipmentWeight	No	Total weight of packages to collect	Y	N	N	Length = 10 Decimal separator is a comma, 3 decimal digits are supported.	<b>Required</b>
pickupOrder/ shipmentAmount	No	Number of packages to collect	Y	N	N	Length = 4	<b>Required</b>
pickupOrder/ palletAmount	No	Number of pallets to collect	Y	N	N	Length = 4	Optional
pickupOrder/ palletWeight	No	Total weight of pallets to collect	Y	N	N	Length = 10 Decimal separator is a comma, 3 decimal digits are supported	Optional
pickupOrder/ remarks	No	Pick-up comments	Y	N	A	Length = 255	
fdsZlecenieV2/ pickupId	No	Pick-up request identification number	N	Y	N	Length = 1-10	A unique pick-up request identification number assigned by the FedEx back-end system. For FedEx internal use only.
fdsZlecenieV2/ pickupNumer	No	Pick-up number	N	Y	N	Length = 1-10	A unique pick-up number per day for the pick-up request. This is the number which needs to be captured for reference around the pick-up.
fdsZlecenieV2/ pickupDate	No	Pick-up date	N	Y	N	Length = 10	Confirmed pick-up date. Format is: YYYY-MM-DD e.g. 2014-06-30
fdsZlecenieV2/ pickupHour	No	Pick-up time	N	Y	N	Length = 10	Confirmed pickup hours. Format is: HH:MM - HH:mm e.g. 10:00 - 12:00



## Sender data

The following section describes details of the elements within the sender section of the dodajZlecenieV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
senderId	No	Customer number of the sender	Y	N	N	Length = 10	<b>Required</b> when payment form bank transfer has been chosen. Note: only optional if the sender or recipient is a cash payer and cash has been chosen as the payment form.
addressDetails/isCompany	No	Company identification flag	Y	N	N	Length = 1 allowed values • 0 = no • 1 = yes	Optional Identifies if the sender is a company or not.
addressDetails/companyName	No	Pick-up company name	Y	N	A	Length = 150	Optional Note: either companyName or surname is required when senderId is not given.
addressDetails/vatNo	No	Sender tax ID (NIP)	Y	N	N	Length = 10	Optional.
addressDetails/name	No	Sender first name	Y	N	A	Length = 50	Optional.
addressDetails/surname	No	Sender last name	Y	N	A	Length = 60	Optional.
addressDetails/nrExt	No	Sender ID	Y	N	A	Length = 30	Optional  Note: either companyName or surname is required when senderId is not given
addressDetails/city	No	Pick-up city	Y	N	A	Length = 40	<b>Required</b> if no senderId is given
addressDetails/postalCode	No	Pick-up postal code	Y	N	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	<b>Required</b> if no senderId is given
addressDetails/contryCode	No	Pick-up country	Y	N	N	Length = 2 two letter ISO country code	Automatically set to PL for Poland.
addressDetails/street	No	Pick-up street	Y	N	A	Length = 70	<b>Required</b> if no senderId is given
addressDetails/homeNo	No	Pick-up suite number	Y	N	A	Length = 20	<b>Required</b> if no senderId is given
addressDetails/localNo	No	Pick-up suite number	Y	N	A	Length = 10	Optional

## Sender contact details data

The following section describes details of the elements within the sender contact details section of the dodajZlecenieV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
contactDetails/name	No	Sender first name	Y	N	A	Length = 50	Optional.
contactDetails/surname	No	Sender last name	Y	N	A	Length = 60	Optional.
contactDetails/phone	No	Sender telephone number	Y	N	N	Length = 20 Formatting characters like +, /, - or space are supported.	<b>Required</b> Telephone number of the person who is the contact for the FedEx courier and this pick-up.
contactDetails/email	No	Pick-up email address	Y	N	A	Length = 80	Email address of the person who is the contact for the FedEx courier and this pick-up.

## Payer data

The following section describes details of the elements within the payer section of the dodajZlecenieV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
payerId	No	Customer number of the payer	Y	N	N	Length = 10	<b>Required</b> when payment form bank transfer was chosen. Note: only optional if the sender or recipient is a cash payer and cash has been chosen as the payment form.

## Payer contact details data

The following section describes details of the elements within the payer contact details section of the dodajZlecenieV2.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
contactDetails/name	No	Sender first name	Y	N	A	Length = 50	Optional.
contactDetails/surname	No	Sender last name	Y	N	A	Length = 60	Optional.
contactDetails/phone	No	Sender telephone number	Y	N	N	Length = 20 Formatting characters like +, /, - or space are supported.	Optional. Telephone number of the person who is the contact for the FedEx courier and this pick-up.
contactDetails/email	No	Pick-up email address	Y	N	A	Length = 80	Email address of the person who is the contact for the FedEx courier and this pick-up.

## Supplementary services

The following section describes details of all the other elements within the service section of the `dodajZlecenieV2`.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
<code>additionalServices/service/serviceId</code>	Yes	Supplementary services	Y	Y	Y	Refer to Supplementary services table for available formats.	A code of a special service needs to be provided to indicate a service. Refer to the Supplementary services table for available services.
<code>additionalServices/service/serviceArguments/serviceArgument/code</code>	Yes	Arguments for a chosen supplementary service	Y	Y	Y	Refer to Supplementary services table for available formats.	A code of a service argument. Refer to the Supplementary services table for available services.
<code>additionalServices/service/serviceArguments/serviceArgument/argValue</code>	Yes	Value for an argument of a supplementary service	Y	Y	Y	Refer to Supplementary services table for available formats.	A value for a code of a service argument. Refer to the Supplementary services table for available services.

## Pickup request cancellation - `anulujZlecenie`

The method `anulujZlecenie` allows to cancel a pickup request in case of wrong data entered into original pickup request or accidental placing a pickup request or in case the shipments are not ready for pickup.

Please note the pickup request can be cancelled not later than it has been dispatched to the courier and accepted.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
<code>accessCode</code>	...	..					
<code>pickupNumber</code>	No	Pickup number	Y	N	N		
<code>pickupDate</code>	No	Pickup date	Y	N	A	Length=10	Format YYYY-MM-DD
<code>anulujZlecenieResponse</code>	No	Confirmation of cancellation	N	Y	N	1 if result is OK	



# Database management service

The database management service enables to add, edit and find recipient addresses within the FedEx back- end system. It enables less recipient details to be sent when shipping and also enables users of the online FedEx Domestic Shipping Solution (FDS) access to those recipients.

There are three request types within this section:

- Create recipient or cash sender
- Edit recipient or cash sender
- Find recipient or cash sender

Full details for all three methods can be found in the following tables.

## Create recipient or cash sender

The `dodajKlienta` method will enable to create a recipient or a cash sender.

Before commencing coding the create recipient service, note the following:

- When adding the cash sender, the user must have the rights assigned to them to use this method.  
Please contact your Customer Technology Representative.
- After processing the request, the system returns the client data with a supplemented client number.
- In case of individuals, the name and surname fields are replaced with a full client name, the name field is filled in the return message and the first name/last name fields are empty.

## Create recipient or cash sender coding

The following section describes details of the elements within the create recipient or cash sender service (`dodajKlienta`).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
<code>kodDostepu</code>	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
<code>klient/numer</code>	No	Client customer number	N	Y	N	Length = 13	Not required in the request a number will be assigned by FedEx in the reply.
<code>klient/nrExt</code>	No	Client ID	Y	Y	A	Length = 30	Your own identification for the recipient.
<code>klient/nazwa</code>	No	Client company name	Y	Y	A	Length = 150	<b>Required</b> If customer is a company ( <code>czyFirma=1</code> )
<code>klient/czyFirma</code>	No	Company identification flag	Y	Y	N	Length = 1 allowed values •0 = no •1 = yes	Optional if not 1 nor 0, automatically set to 0
<code>klient/nip</code>	No	Client tax ID (NIP)	Y	N	N	Length = 10	
<code>klient/imie</code>	No	Client first name	Y	Y	A	Length = 50	
<code>klient/nazwisko</code>	No	Client last name	Y	Y	A	Length = 95	<b>Required</b> if customer is individual person ( <code>isCompany = 0</code> )
<code>klient/miasto</code>	No	Client city	Y	Y	A	Length = 70	<b>Required</b>
<code>klient/kod</code>	No	Client postcode	Y	Y	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	<b>Required</b>
<code>klient/kodKraju</code>	No	Client country	Y	Y	A	Length = 2 two letter ISO country code	Default to PL for Poland.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
klient/ ulica	No	Client street name	Y	Y	A	Length = 70	<b>Required</b>
klient/ nrDom	No	Client building number	Y	Y	A	Length = 20	<b>Required</b>
klient/ nrLokal	No	Client suite number	Y	Y	A	Length = 10	
klient/ telKontakt	No	Client telephone number	Y	Y	A	Length = 20 Formatting characters like +, /, - or space are supported.	
klient/ emailKontakt	No	Client email address	Y	Y	N	Length = 40	
klient/ czyNadawca	No	Recipient or cash sender	Y	N	N	Length = 1 allowed values •0 – Recipient •1 – Cash sender	<b>Required</b> A user must have assigned the rights to save cash senders. Please contact your FedEx Customer Technology Representative to get these rights assigned. If not 1 nor 0, automatically set to 0
klient/ fax	No	Client fax number	Y	Y	N	Length = 20 Formatting characters like +, /, - or space are supported.	
klient/ telefonKom	No	Client mobile number	Y	Y	N	Length = 20	

## Edit recipient or cash sender

The edytujKlienta method will enable to edit a recipient or cash sender who is already stored in the FedEx back-end system.

Before commencing coding the edit recipient service, note the following:

- This method is designed to edit cash payment senders and recipients only.
- The user has to have the rights assigned to them to use this method. Please contact your Customer Technology Representative.
- If client data has already been saved in the FedEx system, the client will have a new number assigned and its previous version will be marked as deleted.
- Older shipment records (older than the date of change) will still contain the original recipient or cash sender number. The new number will only apply to shipments which are processed after the change date.

## Edit recipient or cash sender coding

The following section describes details of the elements within the edit recipient or cash sender service (edytujKlienta).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
klient/ numer	No	Client customer number	Y	Y	N	Length = 13	<b>Required</b> A new number will be assigned and replied if recipient details were edited.
klient/ nrExt	No	Client ID	Y	Y	A	Length = 30	Your own identification for the recipient.
klient/ nazwa	No	Client company name	Y	Y	A	Length = 150	
klient/ czyFirma	No	Company identification flag	Y	Y	N	Length = 1 allowed values •0 = no •1 = yes	Identifies if the recipient is a company or not.
klient/ nip	No	Client tax ID (NIP)	Y	Y	N	Length = 10	
klient/ imie	No	Client first name	Y	Y	A	Length = 50	
klient/ nazwisko	No	Client last name	Y	Y	A	Length = 95	
klient/ miasto	No	Client city	Y	Y	A	Length = 70	
klient/ kod	No	Client postcode	Y	Y	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	
klient/ kodKraju	No	Client country	Y	Y	A	Length = 2 two letter ISO country code	Automatically set to PL for Poland.
klient/ ulica	No	Client street	Y	Y	A	Length = 70	
klient/ nrDom	No	Client building number	Y	Y	A	Length = 20	
klient/ nrLokal	No	Client suite number	Y	Y	A	Length = 10	



Element	Multiple occurrence	Description	Input	Output	Alpha/ Numeric	Formatting	Requirements and dependencies
klient/ telKontakt	No	Client telephone number	Y	Y	A	Length = 20 Formatting characters like +, /, - or space are supported.	
klient/ emailKontakt	No	Client email address	Y	Y	N	Length = 40	
klient/ czyNadawca	No	Recipient or cash sender	Y	Y	N	Length = 1 allowed values •0 – Recipient •1 – Cash sender	A user must have assigned the rights to edit cash senders. Please contact your FedEx Customer Technology Representative to get these rights assigned.
klient/ fax	No	Client fax number	Y	Y	N	Length = 20 Formatting characters like +, /, - or space are supported.	
klient/ telefonKom	No	Client mobile number	Y	Y	N	Length = 20	

## Find recipient or cash sender

The szukajKlienta method enables a search for a previously created recipient or cash sender in the FedEx back-end system.

Before commencing coding the find recipient or cash sender service, note the following:

- This method is designed to search for cash payment senders and recipients only.
- The search procedure is carried out based on the following fields:
  - Client customer number
  - Client ID
  - Client company name, minimum of three characters
  - Client city, minimum of three characters
  - Client address, minimum of three characters
  - Client tax ID, minimum of three characters
  - Client or cash sender value
- If any of the following values are supplied then the search procedure will be carried out based on one of these parameters:
  - Client customer number
  - Client ID
  - Client tax ID
  - Client company name
- If no client customer number or client ID is specified, the search procedure based on the street or city fields requires the simultaneous specification of at least three parameters, e.g. street, city, beginning of the name.

## Find recipient or cash sender coding

The following section describes details of the elements within the find recipient or cash sender (szukajKlienta) service. The reply will send back a list of possible records which meet the search criteria. These records are enclosed within the klient element.

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
klient/ numer	No	Client customer number	Y	N	N	Length = 13	Number assigned by FedEx for this recipient.
klient/ nrExt	No	Client ID	Y	Y	A	Length = 30	Your own Identification for the recipient.
klient/ nazwa	No	Client company name	Y	Y	A	Length = 150	
klient/ czyFirma	No	Company identification flag	Y	Y	N	Length = 1 allowed values •0 = no •1 = yes	Identifies if the recipient is a company or not.
klient/ nip	No	Client tax ID (NIP)	Y	Y	N	Length = 10	
klient/ imie	No	Client first name	Y	Y	A	Length = 50	
klient/ nazwisko	No	Client last name	Y	Y	A	Length = 95	
klient/ miasto	No	Client city	Y	Y	A	Length = 70	
klient/ kod	No	Client postcode	Y	Y	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	
klient/ kodKraju	No	Client country	Y	Y	A	Length = 2 two letter ISO country code	Automatically set to PL for Poland.
klient/ ulica	No	Client street	Y	Y	A	Length = 70	
klient/ nrDom	No	Client building number	Y	Y	A	Length = 20	
klient/ nrLokal	No	Client suite number	Y	Y	A	Length = 10	
klient/ telKontakt	No	Client telephone number	Y	Y	N	Length = 20 Formatting characters like +, /, - or space are supported.	

Element	Multiple occurrence	Description	Input	Output	Alpha/ Numeric	Formatting	Requirements and dependencies
klient/ emailKontakt	No	Client email address	Y	Y	N	Length = 40	
klient/ czyNadawca	No	Recipient or cash sender	Y	Y	N	Length = 1 allowed values • 0 – Recipient • 1 – Cash Sender	
klient/ fax	No	Client fax number	Y	Y	N	Length = 20 Formatting characters like +, /, - or space are supported.	
klient/ telefonKom	No	Client mobile telephone number	Y	Y	N	Length = 20	
Tryb	No	Search type	Y	N		Length = 1 allowed values • 1 • 2	Denotes the type of search being requested. • 1 – Return recipients where values contain the search criteria. • 2 – Return recipients where values start with the search criteria.
klient/ numer	Yes	Client customer number	N	Y	N	Length = 13	Number assigned by FedEx for this recipient.
klient/ nazwa	Yes	Client ID	N	Y	A	Length = 30	Your own Identification to the recipient.
klient/ czyFirma	Yes	Company identification flag	N	Y	N	Length = 1 allowed values • 0 = no • 1 = yes	Identifies if the recipient is a company or not.
klient/ miasto	Yes	Client city	N	Y	A	Length = 70	
klient/ kod	Yes	Client postcode	N	Y	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	
klient/ ulica	Yes	Client street	N	Y	A	Length = 70	
klient/ nrDom	Yes	Client building number	N	Y	A	Length = 20	
klient/ nrLokal	Yes	Client suite number	N	Y	A	Length = 10	
klient/ czyNadawca	Yes	Recipient or cash sender	N	Y	N	Length = 1 values • 0 – Recipient • 1 – Cash Sender	



# Release version service

The release version service enables to query the current FedEx Poland Domestic Web Services version.

## Release version service

The pobierzWersje method enables to query the current Web services version.

## Release version coding

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
kodDostepu	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent.
wersja	No	Current version	N	Y	N	Length = 12	



# Check available services service

## Check Available Services Service coding details

The following section describes details of the elements within the check available services request (pobierzDostepneUslugi).

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
accessCode	No	Access key	Y	N	A	Length = 32	<b>Required for all requests</b> Supplied by FedEx and is required for each transaction sent to FedEx.
postalCode	No	Postal code	Y	N	N	Length = 6 accepted format XX-XXX (where X is a numerical digit from 0 to 9)	<b>Required</b>
availableServices/ availableService	No	Available service within provided postal code	N	Y	A	Length = 7	Refer to the Supplementary services table for available services.



# Errors

The FedEx Domestic Shipping Web Services will reply an error message if the request does not meet the requirements.

## Error elements

Element	Multiple occurrence	Description	Input	Output	Alpha/Numeric	Formatting	Requirements and dependencies
faultcode	N	Fault code	N	Y	A	Length = 32	
faultstring	N	Error code and fault string in one element	N	Y	A		
detail/ bledy/ blad/ kod	N	Error code	N	Y	N	Length = 4	See table for details.
opis	N	Error description	N	Y	A		



## Error codes

The following section is a list of error codes.

Error code	Definition
0	The client account cannot use bank transfer for payment.
0	The client account does not exist.
0	The pick-up date cannot be later than 10 days into future.
0001	Please, check the filled form. <!-- %s //-->
0002	The value in field %s is too long.
0003	The value in field "%s" is too long. (>%s).
0004	Bad format in field "%s".
0005	Field "%s" is required.
1002	Wrong shipper data – wrong shipping station.
1003	Wrong recipient data – wrong receiving station.
1004	Shipper not selected.
1005	Recipient not selected.
1006	Payer not selected.
1007	Shipper's contact person not selected.
1008	Recipient's contact person not selected.
1009	Payer's contact person not selected.
1010	Recipient's full name not entered.
1011	Recipient's street not entered.
1012	Recipient's building number not entered.
1013	Recipient's postal code wrong or missing.
1014	Recipient's city missing.
1015	Wrong recipient's NIP number.
1016	Total quantity of packages and pallets for import cannot exceed %s.
1017	Specific quantity of packages or pallets missing.
1018	Total quantity of packages and pallets cannot exceed %s.
1019	COD and forms of collection require a bank account number.
1020	Bank account number too short. Bank account number should be 26 digits.
1021	Bank account number incorrect or not matching the NRB standards.
1022	CODs must be insured.
1023	An amount has to be entered for COD.
1025	COD amount has to be specified in 99,99 format.
1026	Insurance requires a declared value of package.

Error code	Definition
1027	Insurance amount has to be in 99,99 format.
1029	Insurance amount cannot be lower than COD amount.
1030	Insurance requires a value of package.
1031	Shipping date has to be specified in the following format: YYYY-MM-DD HH:MM.
1032	Shipping date missing.
1033	Shipping hour has to be different than 00:00.
1034	Outdated shipping date.
1035	Shipping date cannot be predated by more than 14 days.
1036	Shipper's signature missing.
1037	Shipper's signature has to include at least two characters.
1038	Total package weight missing.
1039	Excessive total package weight.
1040	Total weight for packages over 30 kg missing.
1041	Total weight for packages over 30 kg to low.
1042	Total pallet weight missing.
1043	Excessive total pallet weight.
1044	Delivery reservation hour has to be within the 00-23 range.
1045	An incorrect value in package weight and quantity table.
1047	Recipient's phone number missing.
1048	Shipper's phone number missing.
1049	Correct mobile number has to be specified after checking the "SMS delivery confirmation" option (9 digits without area code).
1050	Shipper's e-mail missing.
1051	Shipper's e-mail incorrect.
1052	Recipient's e-mail missing.
1053	Shipper's e-mail incorrect.
1054	Distance missing.
1060	Shipper is allowed to make bank transfer payments only.
1061	Recipient is allowed to make cash payments only.
1062	Third payer is allowed to make bank transfer payments only.
1064	An envelope/pallet is entered The "shape" option is available for packages only. Change sub-package type!



Error code	Definition
1065	For package quantities larger than 1, enter shape/dimension data into the sub-package field.
1066	Incorrect courier number format.
1067	Courier number is required.
1068	Selecting the following services: "doreczeniaSiecHandlowa" and "doreczeniaAdresPrywatny" not allowed.
1069	Sending a foreign package not allowed. Service unavailable.
2001	Surname missing.
2002	Name missing.
2003	Customer name missing.
2004	NIP number missing.
2005	Incorrect NIP number.
2006	Postal code missing.
2007	Incorrect postal code.
2008	City missing.
2009	Street missing.
2010	Building number missing.
2011	Telephone number missing.
2012	Incorrect e-mail.

Error code	Definition
105	No permission for this operation
106	Incorrect shipper account number
201	Key is not valid.
203	Key has expired.
1001	No information about the shipment - there is not valid information about the shipment in the XML structure
1070	Payer is not allowed to make bank transfer payments.
1072	Recipient's telephone number for 'SMS notification' is incorrect (9 digits without area code).
1073	Invalid value for the Shipper's delivery email alert field.
1074	Invalid value for the Retail delivery field.
1075	Invalid value for the Residential delivery field.
1076	Invalid value for the Recipient email alert field.
1077	Invalid value for the Package shape field of the package number {0}.
1078	Invalid value for the Package type field of the package number {0}.
1079	Invalid value for the Payment form field.
1080	Invalid value for the Shipment type field.
1081	Invalid value for the Payment type field.
1082	Invalid value for the Company identification field.
1083	Invalid value for the Special day delivery field.
1084	Invalid value for the Timed delivery field.
1085	Invalid value for the Timed delivery window field.
1086	Invalid value for the Delivery confirmation service field.
1087	Invalid value for the Document return service field.
1092	Invalid shipment number.

Error code	Definition
2013	Contact person's e-mail incorrect.
2014	Contact person's surname required.
2015	Contact person's telephone number incorrect (9 digits without area code).
2016	Telephone number incorrect (9 digits without area code).
3001	Contact person's e-mail incorrect.
3002	Contact person's surname required.
3003	Contact person's mobile number incorrect (9 digits without area code).
4001	No package has been selected.
4002	Wrong weight of sub-package number %s.
4003	Wrong length of sub-package number %s.
4004	Wrong width of sub-package number %s.
4005	Wrong height of sub-package number %s.
4006	Weight of package number %s missing.
4007	Length of package number %s missing.
4008	Width of package number %s missing.
4009	Height of package number %s missing.
4013	Shape is attributable to packages only (sub-package number %s).

Error code	Definition
1093	Shipment was not found.
1094	Shipment number was already printed.
1095	Please provide at least one parameter for edition.
1096	Editing is possible up to 7 days from the date of the letter creation.
2017	Insufficient criteria for customer search
7001	Date of courier pickup missing.
7002	Date of courier pickup must later than today.
7003	Date of courier pickup must be not later than 10 days from today
7004	Date of courier pickup must be a working day.
7005	Date of courier pickup is not valid.
7006	Hour of courier pickup should be in 00:00 format.
7007	Payment form missing.
7008	Invalid payment form.
7009	Payer missing.
7010	Invalid payer
7011	Third payer is allowed to make bank transfer payments only.
7012	Lack of third person payer Id.
7013	Shipment type is missing.
7014	Invalid shipment type.
7017	Telephone number missing.
7018	Incorrect of amount of packages.
7019	Incorrect package weight.
7020	Maximum number of characters for Uwagi field is 125.

# Appendix A

## Example Transactions

The following are example transactions and should not be copied directly and used for testing, they are just for reference.

### Example Poland Domestic Shipping request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <ws:zapiszListV2>
      <accessCode>*****</accessCode>
      <shipmentV2>
        <nrExt></nrExt>
        <paymentForm>G</paymentForm>
        <shipmentType>K</shipmentType>
        <payerType>1</payerType>
        <sender>
          <senderId>123123123</senderId>
          <contactDetails>
            <name></name>
            <surname></surname>
            <phoneNo></phoneNo>
            <email></email>
          </contactDetails>
        </sender>
        <receiver>
          <receiverId>530127364</receiverId>
          <addressDetails>
            <isCompany>1</isCompany>
            <companyName>Dostawca SA</companyName>
            <vatNo></vatNo>
            <name></name>
            <surname>armatkoviska</surname>
            <nrExt></nrExt>
            <city>Warszawa</city>
            <postalCode>00-002</postalCode>
            <countryCode></countryCode>
            <street>waziutka</street>
            <homeNo>1</homeNo>
            <localNo></localNo>
          </addressDetails>
          <contactDetails>
            <name>phu joanna </name>
            <surname></surname>
            <phoneNo></phoneNo>
            <email></email>
          </contactDetails>
        </receiver>
        <payer>
          <payerId></payerId>
          <contactDetails>
            <name></name>
```

```

        <surname></surname>
        <phoneNo></phoneNo>
        <email></email>
    </contactDetails>
</payer>
<proofOfDispatch>
    <senderSignature>(-)nadawca</senderSignature>
    <courierId>000000</courierId>
    <sendDate>2017-12-01 10:11</sendDate>
</proofOfDispatch>
<cod>
    <codType></codType>
    <codValue></codValue>
    <bankAccountNumber></bankAccountNumber>
</cod>
<insurance>
    <insuranceValue></insuranceValue>
    <contentDescription>dla zalando</contentDescription>
</insurance>
<additionalServices>
    <!--Zero or more repetitions:-->
    <service>
        <serviceId></serviceId>
        <!--Zero or more repetitions:-->
        <serviceArguments>
            <!--Zero or more repetitions:-->
            <serviceArgument>
                <code></code>
                <argValue></argValue>
            </serviceArgument>
        </serviceArguments>
    </service>
</additionalServices>
<parcels>
    <!--Zero or more repetitions:-->
    <parcel>
        <waybill></waybill>
        <type>PC</type>
        <weight>1</weight>
        <dim1>10</dim1>
        <dim2>20</dim2>
        <dim3>30</dim3>
        <shape>0</shape>
        <dimWeight>?</dimWeight>
        <nrExtPp></nrExtPp>
    </parcel>
</parcels>
    <remarks>jakies uwagi max 300 znakow</remarks>
    <mpk></mpk>
</shipmentV2>
</ws:zapiszListV2>
</soapenv:Body>
</soapenv:Envelope>

```

## Example Supplementary Services for a Shipment

If a supplementary service does not require additional argument codes, the example request will look as follows:

```
<additionalServices>
...
<!--Next Day 10-->
<service>
  <serviceId>ND10</serviceId>
</service>
...
</additionalServices>
```

If supplementary service requires additional argument codes and argument values, the example request will look as follows:

```
<additionalServices>
...
<!--Tender before 11:30-->
<service>
  <serviceId>PRZ</serviceId>
  <serviceArguments>
    <serviceArgument>
      <code>GODZ_OD</code>
      <argValue>11:30</argValue>
    </serviceArgument>
  </serviceArguments>
</service>
...
</additionalServices>
```

If DTR supplementary service needs to be used then two arguments need to be included into the request and <serviceArgument> section needs to be used twice, the example request will look as follows:

```
<additionalServices>
...
  <service>
    <serviceId>DTR</serviceId>
    <serviceArguments>
      <serviceArgument>
        <code>PARTNER</code>
        <argValue>[retail partner name]</argValue>
      </serviceArgument>
      <serviceArgument>
        <code>POINT_CODE</code>
        <argValue>009900</argValue>
      </serviceArgument>
    </serviceArguments>
  </service>
...
</additionalServices>
```

## Example Poland Domestic Return Shipment Service - zapiszListZwrotnyV2

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <ws:zapiszListZwrotnyV2>
      <accessCode>*****</accessCode>
      <originSipmentNumber>*****</originSipmentNumber>
      <returnType>PZW</returnType>
      <numbersOfDaysValidity>10</numbersOfDaysValidity>
      <services>
        <!--Zero or more repetitions:-->
        <service>
          <serviceId>ROZ</serviceId>
          <!--Zero or more repetitions:-->
          <serviceArguments>
            <!--Zero or more repetitions:-->
            <serviceArgument>
              <code></code>
              <argValue></argValue>
            </serviceArgument>
          </serviceArguments>
        </service>
      </services>
    </ws:zapiszListZwrotnyV2>
  </soapenv:Body>
</soapenv:Envelope>
```

## Example Thermal Label Print All - wydrukujEtykiete

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <ws:wydrukujEtykiete>
      <kodDostepu>*****</kodDostepu>
      <numerPrzesylki>*****</numerPrzesylki>
      <format>epl</format>
    </ws:wydrukujEtykiete>
  </soapenv:Body>
</soapenv:Envelope>
```

## Example Thermal Label Print Single - wydrukujEtykietePaczki

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <ws:wydrukujEtykietePaczki>
      <kodDostepu>*****</kodDostepu>
      <numerPaczki>*****</numerPaczki>
      <format>epl</format>
    </ws:wydrukujEtykietePaczki>
  </soapenv:Body>
</soapenv:Envelope>
```

### Example A4 PDF Label Print - wydrukjList

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:wydrukjList>
<kodDostepu>*****</kodDostepu>
<numerPrzesylki>*****</numerPrzesylki>
</ws:wydrukjList>
</soapenv:Body>
</soapenv:Envelope>
```

### Example Release Document - zapiszDokumentWydania

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:zapiszDokumentWydania>
<kodDostepu>*****</kodDostepu>
<numeryPrzesylki>***** , *****</numeryPrzesylki>
<separator></separator>
<kurierNumer>0</kurierNumer>
</ws:zapiszDokumentWydania>
</soapenv:Body>
</soapenv:Envelope>
```

### Example Tracking Request - pobierzStatusyPrzesylki

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:pobierzStatusyPrzesylki>
<kodDostepu>*****</kodDostepu>
<numerPrzesylki>*****</numerPrzesylki>
<czyOstatni>0</czyOstatni>
</ws:pobierzStatusyPrzesylki>
</soapenv:Body>
</soapenv:Envelope>
```

### Example Pick-up Request - dodajZlecenie

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:dodajZlecenie>
<kodDostepu>*****</kodDostepu>
<zleceniePodjecia>
<dataOdbioru>2016-01-01</dataOdbioru>
<godzinaOdbioru/>
<formaPlatnosci>G</formaPlatnosci>
<placi>1</placi>
<rodzajPrzesylki>K</rodzajPrzesylki>
<platnikNrKlienta>123456789</platnikNrKlienta>
<platnikTelKontakt/>
<nazwaFirmy>Company Sp. z o.o.</nazwaFirmy>
<imie>Jan</imie>
<nazwisko>Kowalski</nazwisko>
<miasto>Łomianki</miasto>
```

```

<kod>05-092</kod>
<ulica>Kolejowa</ulica>
<nrDom>323</nrDom>
<nrLokal>1</nrLokal>
<telKontakt>555555555</telKontakt>
<emailKontakt>email@fedex.com</emailKontakt>
<iloscPaczek>1</iloscPaczek>
<wagaPaczekKg>1</wagaPaczekKg>
<uwagi>TEST</uwagi>
</zleceniePodjecia>
</ws:dodajZlecenie>
</soapenv:Body>
</soapenv:Envelope>

```

### Example Pick-up Request - version 2 - dodajZlecenieV2

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <ws:dodajZlecenieV2>
      <accessCode>*****</accessCode>
      <pickupOrder>
        <paymentForm>P</paymentForm>
        <shipmentType>K</shipmentType>
        <payerType>1</payerType>
        <pickupDate>2017-12-01</pickupDate>
        <pickupHour>11:00</pickupHour>
        <sender>
          <senderId>123123123</senderId>
          <addressDetails>
            <isCompany></isCompany>
            <companyName></companyName>
            <vatNo></vatNo>
            <name></name>
            <surname>jankowski</surname>
            <nrExt></nrExt>
            <city>warszawa</city>
            <postalCode>00-950</postalCode>
            <countryCode></countryCode>
            <street>szeroka</street>
            <homeNo>1</homeNo>
            <localNo></localNo>
          </addressDetails>
          <contactDetails>
            <name></name>
            <surname></surname>
            <phoneNo>122000000</phoneNo>
            <email>janko@1.com</email>
          </contactDetails>
        </sender>
        <payer>
          <payerId></payerId>
          <contactDetails>
            <name></name>
            <surname></surname>
            <phoneNo></phoneNo>
            <email></email>

```



```

</contactDetails>
</payer>
<additionalServices>
<!--Zero or more repetitions:-->
<service>
<serviceId></serviceId>
<!--Zero or more repetitions:-->
<serviceArguments>
<!--Zero or more repetitions:-->
<serviceArgument>
<code></code>
<argValue></argValue>
</serviceArgument>
</serviceArguments>
</service>
</additionalServices>
<shipmentWeight>100</shipmentWeight>
<shipmentAmount>1</shipmentAmount>
<palletWeight>1000</palletWeight>
<palletAmount>1</palletAmount>
<remarks>uwagi</remarks>
</pickupOrder>
</ws:dodajZlecenieV2>
</soapenv:Body>
</soapenv:Envelope>

```

### Example Create Recipient - dodajKlienta

```

<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:dodajKlienta>
<kodDostepu>*****</kodDostepu>
<klient>
<numer/>
<nrExt/>
<nazwa>Firma</nazwa>
<czyFirma>1</czyFirma>
<nip/>
<imie>Jan</imie>
<nazwisko>Kowalski</nazwisko>
<miasto>Łomianki</miasto>
<kod>05-092</kod>
<kodKraju/>
<ulica>Kolejowa</ulica>
<nrDom>323</nrDom>
<nrLokal/>
<telKontakt/>
<emailKontakt/>
<czyNadawca>0</czyNadawca>
<fax/>
<telefonKom>555555555</telefonKom>
</klient>
</ws:dodajKlienta>
</soapenv:Body>
</soapenv:Envelope>

```

## Example Edit Recipient - edytujKlienta

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:edytujKlienta>
<kodDostepu>*****</kodDostepu>
<klient>
<numer>*****</numer>
<nrExt/>
<nazwa>Firma</nazwa>
<czyFirma>1</czyFirma>
<nip/>
<imie>Jan</imie>
<nazwisko>Kowalski</nazwisko>
<miasto>Łomianki</miasto>
<kod>05-092</kod>
<kodKraju/>
<ulica>Kolejowa</ulica>
<nrDom>323</nrDom>
<nrLokal/>
<telKontakt/>
<emailKontakt/>

<czyNadawca>0</czyNadawca>
<fax/>
<telefonKom>555555555</telefonKom>
</klient>
</ws:edytujKlienta>
</soapenv:Body>
</soapenv:Envelope>
```

## Example Find Recipient - szukajKlienta

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:szukajKlienta>
<kodDostepu>*****</kodDostepu>
<klient>
<nazwisko/>
<nazwa>Firma</nazwa>
<kod>05-902</kod>
<kodKraju></kodKraju>
<ulica/>
<nrDom/>
<nrLokal/>
<telKontakt/>
<emailKontakt></emailKontakt>
<czyNadawca></czyNadawca>
<fax></fax>
<telefonKom></telefonKom>
</klient>
<tryb></tryb>
</ws:szukajKlienta>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

### Example Release Version - pobierzWersje

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:pobierzWersje>
<kodDostepu>*****</kodDostepu>
</ws:pobierzWersje>
</soapenv:Body>
</soapenv:Envelope>
```

### Example check available services - pobierzDostepneUslugi

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:pobierzDostepneUslugi>
<accessCode>*****</accessCode>
<postalCode>05-092</postalCode>
</ws:pobierzDostepneUslugi>
</soapenv:Body>
</soapenv:Envelope>
```

### Example bulk tracking service - pobierzZbiorStatusow

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:pobierzZbiorStatusow>
<accessCode>*****</accessCode>
<limit>10</limit>
</ws:pobierzZbiorStatusow>
</soapenv:Body>
</soapenv:Envelope>
```

### Example confirmation of set of statuses - potwierdzZbiorStatusow

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.alfaprojekt.com/">
<soapenv:Header/>
<soapenv:Body>
<ws:potwierdzZbiorStatusow>
<accessCode>*****</accessCode>
<setId>519</setId>
</ws:potwierdzZbiorStatusow>
</soapenv:Body>
</soapenv:Envelope>
```