



Documentation change history

Version	Date	Description of the change
1.13	06-11-2024	Adding clearer descriptions of structures
1.12	20-06-2024	Currency handling for collection and insurance for foreign markets
1.11	10-06-2024	Updating query structures
1.10	27-12-2023	Addition of new abolition service
1.09	21-06-2022	Addition of a new method GetStrictLabel
1.08	08-06-2022	Addition of additional services in the API
1.07	23-01-2022	System integration and information on the label - API
1.06	18-08-2021	Mandatory PackageNo field when ordering a vehicle
1.05	29-01-2021	Addition of a new field "DescriptionDE" in the GetTracking method
1.04	27-11-2020	Addition of new packaging "Furniture"
1.03	23-06-2020	Addition of new packaging "Size20"
1.02	13-03-2020	Addition of label methods and structures
1.01	14-12-2018	Addition of new methods
1.00	23-11-2018	Creation of documentation

Access to API - URL to Web Services (SOAP/WSDL)

Test environment

The SOAP Test Web Service is available at:

- <http://dev.api.ambro.opennet.pl/api.asmx>

WSDL is available at:

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<http://dev.api.ambro.opennet.pl/api.asmx?WSDL>

Username: demo

Password: demo

Production environment

The production SOAP Web Service is available at:

- <http://api.ambro.opennet.pl/api.asmx>

WSDL is available at:

- <http://api.ambro.opennet.pl/api.asmx?WSDL>

Available methods

GetAvailableServices method

The method is used to download the list of available services

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
getAvailableServicesRequest	tns: GetAvailableServicesRequest	Object containing consignment data

Result:

type	description
tns: GetAvailableServicesResponse	Object with information on available services

CreateShipment method

The method is used to create a new consignment

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
ShipmentRequest	tns: ShipmentRequest	Object containing consignment data

Result:

type	description
tns: CreateShipmentResponse	Array of CreateShipmentResponse objects

CancelShipment method

The method is used to cancel an order

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
cancelShipmentRequest	tns: cancelShipmentRequest	Object containing tables of consignment numbers

Result:

type	description
tns: CancelShipmentResponse	Array of CancelShipmentResponse objects

GetManifest method

The method is used to download the shipment manifest

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
request	tns: GetManifestRequest	An object containing an array of consignment numbers for which a manifest is to be generated

Result:

type	description
tns: GetManifestResponse	GetManifestResponse object array

CallPickup method

The method is used to order the courier's pick-up

parameter	parameter type	description
AuthToken	tns: AuthToken	Object containing access data
callPickupRequest	tns: callPickupRequest	Object with data on the ordered courier pick-up

Result:

type	description
tns: CallPickupResponse	CallPickupResponse object array - description of object structure in Chapter 8

GetTracking method

The method is used to retrieve the shipment status

parameter	parameter type	description
AuthToken	tns: AuthToken	Object containing access data
packageNo	s:string	Parcel number

Result:

type	description
tns: GetTrackingResponse	Tracking object array

GetServices method

This method serves to list the services supported by the API

parameter	parameter type	description
token	tns: AuthToken	Object containing access data

Result:

type	description
tns: GetServicesResponse	Object containing data on services supported by the API

GetServicesInfo method

This method serves to list the services supported by the API along with additional services

parameter	parameter type	description
token	tns: AuthToken	Object containing access data

Result:

type	description
tns: GetServicesInfoResponse	Object containing data on services supported by the API

GetWaybill method

The method is used to download the consignment note

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
request	tns: GetLabelRequest	Object containing tables of consignment numbers

Result:

type	description
tns: GetWaybillResponse	GetWaybillResponse object array

CancelPickup method

The method is used to cancel a driveway order

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
cancelPickupRequest	tns: CancelPickupRequest	Object containing tables of order numbers

Result:

type	description
tns: CancelPickupResponse	Array of CancelPickupResponse objects

GetAvailablePickups method

The method is used to retrieve a list of the 3 nearest available driveways

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
getAvailablePickupsRequest	tns: GetAvailablePickupsRequest	Object containing consignment data

Result:

Type	description
tns: GetAvailablePickupsResponse	Object including information on available driveways.

GetLabel method

The method is used to download a previously generated label

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
request	tns: GetLabelRequest	Object containing tables of consignment numbers

Result:

type	description
tns: GetLabelResponse	An object containing arrays of generated labels

GetStrictLabel method

The method is used to retrieve a previously generated single label

parameter	parameter type	description
token	tns: AuthToken	Object containing access data
request	tns: GetLabelRequest	Object containing tables of consignment numbers

Result:

type	description
tns: GetLabelResponse	An object containing an array of generated labels

Description of the structures used in the API

Structure: tns: AuthToken

field	type	description	Is a mandatory field
UserName	xsd:string	Partner login	YES
Password	xsd:string	Partner password	YES

Structure: tns: ShipmentRequest

field	type	description	Is a mandatory field
ServiceId	xsd:string	ID of the selected service	YES
ShipFrom	tns: Location	Location object containing sender data	YES
ShipTo	tns: Location	Location object containing recipient data	YES
Parcels	tns: Parcel []	Parcel object board	YES
COD	tns: COD	COD object containing download information	YES
InsuranceAmount	xsd:decimal	Insurance value	YES
Currency	tns: Currency	Structure containing currency information	YES
Additional Services	tns: AdditionalService []	Array of AdditionalService objects	NO
LabelFormat	tns: LabelImageFormat	Label format	YES
ContentDescription	xsd:string	Content description	YES
MPK	xsd:string	MPK	NO
ReferenceNumber	xsd:string	Reference number	NO

Structure: tns: CreateShipmentResponse

field	type	description
PackageNo	xsd:string	Main consignment number
ParcelData	tns: Label []	Label object array

Structure: tns: GetAvailableServicesRequest

field	type	description	Is a mandatory field
ReadyDate	xsd:dateTime	Date when the courier is ready to take delivery	YES

field	type	description	Is a mandatory field
ShipFrom	tns: Location	Location object containing sender data	YES
ShipTo	tns: Location	Location object containing recipient data	YES
Parcels	tns: Parcel []	Parcel object board	YES
COD	tns: COD	COD object containing download information	YES
InsuranceAmount	xsd:decimal	Insurance value	YES
Currency	tns: Currency	Structure containing currency information	YES
AdditionalServices	tns: AdditionalService []	Array of AdditionalService objects	NO

Structure: tns: GetAvailableServicesResponse

field	type	description
AvailableServices	tns: Service	Services

Structure: tns: Service

field	type	description
ID	xsd:int	Service ID
Name	xsd:string	Service name

Structure: tns: Location

field	type	description	Is a mandatory field
PointId	xsd:string	Pickup point ID	NO
Name	xsd:string	Name	YES
Address	xsd:string	Address	YES

field	type	description	Is a mandatory field
City	xsd:string	City	YES
PostCode	xsd:string	Postcode	YES
CountryCode	xsd:string	Country code, according to ISO 3166-1 alpha 2 link	YES
Person	xsd:string	Name	YES
Contact	xsd:string	Phone	YES
Email	xsd:string	Email address	YES
IsPrivatePerson	xsd:boolean	Private address	YES

Structure: tns: Parcel

field	type	description	Is a mandatory field
Type	tns:ParcelType	Type of packaging. Possible values: Package, Palette, LongPackage, Size 20, Furniture.	YES
Weight	xsd:decimal	Shipping weight [kg]	YES
D	xsd:decimal	Consignment length [cm]	NO
W	xsd:decimal	Shipping height [cm]	NO
S	xsd:decimal	Consignment width [cm]	NO
ContentDescription	xsd:string	Contents of the package	NO
Reference	xsd:string	Additional parcel reference, e.g. order number from an external system.	NO

Structure: tns: COD

field	type	description	Is a mandatory field
Amount	xsd:decimal	Amount collected	YES
RetAccountNo	xsd:string	Account number for the transfer of the collection amount	YES

Structure: tns: Currency

field	type	description	Is a mandatory field
Code	xsd:string	Three-letter currency code	NO

Structure: tns: AdditionalService

field	type	description	Is a mandatory field
Code	xsd:string	Additional service ID	YES

Structure: tns: Service

field	type	description
ID	xsd:int	Accessible service ID
Name	xsd:string	Name of service available

Structure: tns: ServiceInfo

field	type	description
ID	xsd:int	Accessible service ID
Name	xsd:string	Name of service available
AdditionalServicesInfo	xsd: AdditionalServiceInfo []	List of AdditionalServicesInfo objects

Structure: tns: AdditionalServiceInfo

field	type	description
Code	xsd:string	Additional service code
Description	xsd:string	Name of additional service

Structure: tns: Label

field	type	description
ParcelID	xsd:string	Parcel number
MimeFormat	tns: LabelImageFormat	Label format
MimeData	xsd:base64Binary	Label

Structure: tns: Waybill

field	type	description
ParcelID	xsd:string	Parcel number
MimeFormat	tns: LabelImageFormat	Label format
MimeData	xsd: base64Binary	Label

Structure: tns: cancelShipmentRequest

field	type	description	Is a mandatory field
PackageNo	xsd:string[]	Table of consignment numbers	YES

Structure: tns: CancelShipmentResponse

field	type	description
No	no	no

Structure: tns: GetWaybillRequest

field	type	description	Is a mandatory field
PackageNo	xsd:string[]	Table of consignment numbers	YES

Structure: tns: GetWaybillResponse

field	type	description
WaybillData	tns: Waybill	Waybill structure

Structure: tns: GetManifestRequest

field	type	description	Is a mandatory field
PackageNo	xsd:string[]	Table of consignment numbers	YES

Structure: tns: GetManifestResponse

field	type	description
ManifestNo	xsd:string	Consignment number
MimeFormat	xsd:string	Manifesto format
MimeData	xsd: base64Binary	Manifesto

Structure: tns: callPickupRequest

Requires an array of consignment numbers or an array of Parcel object

field	type	description	Is a mandatory field
PickupLocation	tns: Location	Address of collection point	YES
ReadyDate	xsd:dateTime	Date and time of beginning of readiness of the parcel for the concept	YES
MaxPickupDate	xsd:dateTime	Date and time of end of readiness of the package for the concept	YES
PackageNo	xsd:string[]	Table of consignment numbers	YES
Parcels	tns: Parcel	Parcel object board	NO
TotalWeight	xsd:decimal	Total weight of all shipments [kg]	NO
TotalQuantity	xsd:decimal	Total number of all consignments	NO

Structure: tns: CallPickupResponse

field	type	description
PickupNo	xsd:string	Driveway number

Structure: tns: OrderStatus

field	type	Description
PackageNo	xsd:String	Parcel number
Code	xsd:string	Status code
Description	xsd:string	Status description
DescriptionEN	xsd:string	Status description in English
DescriptionDE	xsd:string	Status description in German
DescriptionCZ	xsd:string	Status description in Czech
DescriptionSK	xsd:string	Status description in Slovak
DescriptionHU	xsd:string	Status description in Hungarian
DescriptionRO	xsd:string	Status description in Romanian

EventTimestamp	xsd:dateTime	Status date
field	type	Description
EventParam	tns:string	Status parameter (e.g. city where the status occurred)

Structure: tns: GetServicesResponse

field	type	Description
Services	tns: Service []	List of objects of type tns:Service

Structure: tns: GetServicesInfoResponse

field	type	Description
Services	tns: ServiceInfo	List of objects of the type tns:ServiceInfo

Structure: tns: CancelPickupRequest

field	type	description	Is a mandatory field
PickupNo	xsd:string[]	Table of order numbers	YES

Structure: tns: CancelPickupResponse

field	type	description
No	no	no

Structure: tns: GetTrackingResponse

field	type	description
Status	tns: OrderStatus []	Status
DatePicked	xsd:DateTime	Date of receipt of the consignment from the sender
DateDelivered	xsd:DateTime	Date of collection at the station
CurrentStatus	tns: OrderStatus	Current shipment status

Structure: tns: GetAvailablePickupsRequest

field	type	description	Is a mandatory field
ShipFrom	tns: Location	Location object containing sender data	YES

PackageNo	xsd:string	Consignment numbers	NO
field	type	description	Is a mandatory field
Parcels	tns: Parcel []	Parcel object board	YES

Structure: tns: GetAvailablePickupsResponse

field	type	description
AvailablePickupDays	tns: AvailablePickupDay []	Object of type AvailablePickupDay

Structure: tns: AvailablePickupDay

field	type	description
AvailablePickupDays	xsd:DateTime	Date
MinReadyDate	xsd:DateTime	Minimum driveway time
MaxPickupDate	xsd:DateTime	Maximum driveway time
MinimumInterval	xsd:int	Minimum interval in minutes between minimum and maximum climbing time

Structure: tns: GetLabelRequest

field	type	description	Is a mandatory field
PackageNo	xsd:string[]	Table of consignment numbers	YES

Structure: tns: GetLabelResponse

field	type	description
LabelData	tns: Label []	Array of returned labels

Available statuses

OrderStatus.Code	OrderStatus.Description
ANU	Cancelled
ANZ	Refund cancelled
AOP	The consignee refused to accept
AWI	Advocacy
AWI II	Advise II

AZPO	Return of documents
OrderStatus.Code	OrderStatus.Description
BDA	Incorrect address details
BP	No shipment
BRC	Lack of time
BRD	Wrong delivery area
BRG	No cash
BSO	Wrong sort
DOR	Delivered to
DORPW	Internal parcel delivered
DOW	For clarification
DWP	Printed DWP
EPT	Label Expired
IDWO	IDWO
INN	Other status
INT	Intervention
ISM	Stock-taking
LIK	Consignment disposal
MKK	Misdirection
MRKTN	Unsuccessful telephone contact
NADPOK	Posted in POK
OW	Own collection
OZP	Collected from POK
PAD	Redirecting
PDD	Transmitted for service
PDO	Back to the branch
PKL	Accepted from the customer by the courier
PKM	Accepted from courier via warehouse
PNA	Redirection to
PNP	Redirection to PM/POK

POS	Sorted
PPN	Prepared by the sender
OrderStatus.Code	OrderStatus.Description
PWO	Adopted in the ward
PWP	Adopted in POK
PWS	Accepted at the sorting plant
CVT	Damaged consignment
UTD	Date of service agreed
UTD2	Date of service agreed
CSF	Verification of shipment weight
WZO	Sent from the branch
WZS	Sent from the sorting office
ZAG	Lost
ZAK	Order pending execution
ZDM	Return to non-delivery warehouse
ZDN	Return to sender
ZDN1	Return to sender
ZOK	Order rejected by courier
ZPBT	Wrong route
ZPK	Order Accepted from Customer
ZPOW	Duplicated order
ZPPN	Unprepared shipment
ZPRZEN	Assignment transferred
ZWK	Issuing a courier order
ZWR	Return
ZZP	Return from the POK
ZZZ	Order Completed
ANU	Cancelled
ANZ	Refund cancelled
AOP	The consignee refused to accept
AWI	Advocacy

AWI II	Advise II
AZPO	Return of documents
OrderStatus.Code	OrderStatus.Description
BDA	Incorrect address details
BP	No shipment
BRC	Lack of time

Available services

ServiceID=	ServiceName=
38	Standard
200	MEBEL

CountryCodes

Available country codes and postcode formats

CountryCode	CountryName
EN	Poland
DE	Germany
AT	Austria
BE	Belgium
NL	Netherlands
LU	Luxembourg
GB	United Kingdom
CZ	Czech Republic
SK	Slovakia
HU	Hungary
RO	Romania

Additional services

ServiceID=	AdditionalService=
38	SMS, EMAIL, ROD, W, M, R, Z, ZNI
200	SMS, EMAIL, ROD, W, M, R, Z, ZNI

Description of additional services

AdditionalService	Description
SMS	SMS service
EMAIL	Email service
ROD	Return of documents
W	Contributions
M	Assembly
R	Unpacking
Z	Taking
ZNI	Abolition of

LabelImageFormat

Available formats

Format
PDF
PDFA4

ParcelType

Packaging available

Format
Package
Palette
LongPackage
Size20
Furniture

Error codes

Error code	Description of the error
0	Success
1	Request cannot be null

Error code	Description of the error
2	Token cannot be null
3	Token username/password cannot be empty
401	Authentication failed
500	Internal error
1000	Package (s) not found
1001	Invalid Insurance amount, must be greater or equal to COD amount
1002	Invalid Insurance amount, cannot be greater than X
1003	Invalid COD amount, cannot be greater than X
1004	Point with specified PointId was not found
1005	The selected ServiceId is unknown/unsupported
1006	Invalid ReadyDate date, should be at least equal to Today
1007	Field ShipTo->Name is required
1008	Field ShipTo->Address is required
1009	Field ShipTo->City is required
1010	Field ShipTo->PostCode is required
1011	Field ShipTo->CountryCode is required
1012	Field ShipTo->Email is required
1013	Field ShipTo->Contact is required
1014	Field ShipTo->Person is required
1015	ShipTo section is required
1016	ShipTo CountryCode is invalid
1017	Field ShipFrom->Name is required
1018	Field ShipFrom->Address is required
1019	Field ShipFrom->City is required
1020	Field ShipFrom->PostCode is required
1021	Field ShipFrom->CountryCode is required
1022	Field ShipFrom->Email is required
1023	Field ShipFrom->Contact is required
1024	Field ShipFrom->Person is required

Error code	Description of the error
1025	ShipFrom section is required
1026	ShipFrom CountryCode is invalid
1027	Missing parcels data
1028	Sum of Parcels weight must be greater than 0
1029	Maximum weight of single Parcel (Type=Package) is 50kg
1030	Maximum weight of single Parcel (Type=LongPackage) is 50kg
1031	Maximum weight of single Parcel (Type=Pallette) is 200kg
1032	Requested label image format is not supported
1033	Maximum weight of single Parcel (Type=Size20) is 20kg
1034	Permission denied
1035	Carrier denied to cancel package(s)
1036	ShipTo combination of city, postal code and country is invalid
1037	ShipFrom combination of city, postal code and country is invalid
1038	Field PickupLocation->Name is required
1039	Field PickupLocation->Address is required
1040	Field PickupLocation->City is required
1041	Field PickupLocation->PostCode is required
1042	Field PickupLocation->CountryCode is required
1043	Field PickupLocation->Email is required
1044	Field PickupLocation->Contact is required
1045	Field PickupLocation->Person is required
1046	PickupLocation section is required
1047	PickupLocation CountryCode is invalid
1048	PickupLocation combination of city, postal code and country is invalid
1049	Pickup time is invalid for this location
1050	Package status for pickup is invalid:
1051	Payer is locked (debt collection)
1052	Field PickupLocation->MaxPickupDate is required
1053	Field PickupLocation->ReadyDate is required

Error code	Description of the error
1054	Field PickupLocation->MaxPickupDate cannot be set to Sunday
1055	Field PickupLocation->MaxPickupDate HOUR cannot be smaller than ReadyDate HOUR
1056	MaxPickupDate is out of scope for given location
1057	Cannot perform pickup for given ReadyDate
1058	ShipTo CountryCode is not allowed
1059	ShipFrom CountryCode is not allowed
1060	PickupLocation CountryCode is not allowed
1061	Invalid COD amount, cannot be less than 0
1062	Invalid Insurance amount, cannot be less than 0
1063	Pickup order already exists
1064	PickupNo cannot be empty
1065	PickupNo not found
1066	Carrier denied to cancel pickup
1067	Interval is too small for MaxPickupDate-ReadyDate, minimal allowed=[X] minutes
1068	Field ShipTo->Contact format is invalid
1100	Cannot generate new package number
1101	Parcel format is not supported
1102	Palette and non-palette parcels cannot be mixed
1103	The selected ServiceId is unavailable
1104	Additional service is not properly defined:
1105	Additional service cannot be specified more than once
1106	Additional service code format cannot be empty
1107	ServiceId format is invalid
1108	No package specified in request
1109	Cannot fulfill request, package status is invalid:
1110	Package number cannot be null/empty
1111	Tracking data is not available for given package number
1112	Cant find any package with given number

Error code	Description of the error
1113	Internal error occurred during updating package status: invalid count check
1114	Cannot get company details assigned to current user
1115	Company details for current user are not valid:
1116	Package type is not valid with current service:
1117	Package weight is not valid with current service:
1118	Package size (length+perimeter) is not valid with current service:
1119	Package size is not valid with current service:
1120	ShipTo->Email is required for AdditionalService='EMAIL'.
1121	Additional service cannot be empty
1122	Field ShipTo->Name is invalid (PACZKOMAT)
1123	Additional service 'SOB' not available for postalCode
1124	Additional service not supported
1125	Invalid report dates
1126	Cannot mix domestic and local packages in pickup
1127	Create return label: package is older than 30days
1128	Create return label: package already has other relation
1129	Create return label: sender/receiver name is invalid (PACZKOMAT)
1130	Service doesn't support parcels in one shipment
1131	Service doesn't support COD
1132	Invalid Insurance amount for this service (valid: 0, 500, 1000)
1133	One shipment is required for local pickups
1134	Only one shipment is allowed for this service
1135	ShipFrom->Country is not supported by this service
1136	ShipTo->Country is not supported by this service
1137	ShipTo->PostCode is invalid for this country
1138	Invalid report dates - period is too big
1139	DE country doesn't support COD
1140	PackageNo cannot be empty
1141	More than one package was found with given number

Error code	Description of the error
1142	No permission for Cross Border Cod
1143	Incorrect currency for the recipient's country
1148	PickupLocation postal code has wrong format
1149	One of the shipping countries must be Poland
1150	Field ShipFrom->Contact format is invalid
1151	Country unavailable to the user. {X}
1152	ShipTo->PostCode does not exist
1153	ShipFrom->PostCode does not exist
1154	Can not mix parcels with additional service ZNI and without ZNI. Please use two different requests
5001	Input string cannot be empty
5002	Input string has invalid format

Additional information and contact

Answers to any questions and additional information can be obtained by us:

Technical support: helpdesk@opennet.pl