



Global Logistics

G-Service

Web service description

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Geis CZ s.r.o.
Zemská 211/I
337 01 Ejpovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

E-mail: info@geis.cz
Internet: www.geis.cz
IČO: 44567359
DIČ: CZ44567359

Bankovní spojení:
UniCredit Bank Czech Republic, a.s.

Č.ú.: 1545471501/2700 (CZK)
Č.ú.: 1545471560/2700 (EUR)
EUR IBAN:
CZ56 2700 0000 0015 45471560
CZK IBAN:
CZ97 2700 0000 0015 45471501
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Společnost zapsána v obchodním
rejstříku vedeném Krajským soudem
v Plzni, oddíl C, číslo vložky 14475.

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podmínek – aktuální stav.

About G-Service

G-Service is a web service designed for customers of Geis group, which allows customers to fully automatically process transport entry in both Geis group products (cargo and parcel transport). The web service allows entering shipments (expedition or orders in mode), status detection and other information about shipments, ordering pick-up and detection additional services available for the customer.

The use of the web service enables full integration in the production process, storage systems or web shop for the Geis group customers. Requirements for the web service and especially responses from the web service are structured in XML format and allow further processing on the part of customers' systems.

G-Service works on the principle of SOAP architecture (<https://en.wikipedia.org/wiki/SOAP>). The access is allowed via **secured HTTP protocol (HTTPS) only**.

To test the web service, for example, the open source program SoapUI (<http://www.soapui.org>) – may be used.

To access the web service it is necessary to have access data – customer code and password. These access data are communicated on request from the assigned business manager from the Geis group.

In order to ensure the availability of service for all customers, the number of calls by individual customers is monitored. Each web service method has a defined call limit for a certain time period. If this number is exceeded, access to that method will be temporarily restricted. In this case, the customer receives an error message when calling the method.

Before moving to full operation it is always necessary to go through the first integration tests in the test environment which are done by technical department of customer in cooperation with EDI department of Geis group.

The web service is available for customers from the Czech Republic and Slovakia at the following addresses:

- <https://gclient.geis.cz/GService/GService.svc> - access to the production environment
- <https://gclient.geis.cz/GServiceTest/GService.svc> –access to the test environment

The web service is available for customers from Poland at following addresses:

- <https://gclient.geis.pl/GService/GService.svc> - access to the production environment
- <https://gclient.geis.pl/GServiceTest/GService.svc> – access to the test environment
- <https://gclient.etlogistik.com/GService/GService.svc> - access to the production environment
- <https://gclient.etlogistik.com/GServiceTest/GService.svc> – access to the test environment

For the successful implementation of the web service in customer environment and understanding the broader context it is recommended to study the *Manual for system integration*, which is available on the technical support web site of the Geis group under link Technical support in the downloads section at:

- www.geis-group.cz or www.geis-group.sk (Czech,Slovak and English version)
- www.geis.pl (Polish and English version)



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ChangeLog

Version	Date	Change
1.0	2015-05-29	Service creation. Basic methods: <ul style="list-style-type: none"> - ServiceList - AddServiceList - StatusList - WrapList - DeliveryRouting - ShipmentDetail - RouteTable - CreatePickUp - InsertExport - InsertOrder - AssignRange
1.1		Added list of possible currencies Currency
1.2	2015-08-03	Changes in input: <ul style="list-style-type: none"> - To ExportService added Parameter_5 - InsertOrder corrected parameter MergedOrder - Edited mandatory parameters in InsertExport - Language CS changed to CZ - Password for logging extended to 20 characters Changes in output: <ul style="list-style-type: none"> - method ShipmentDetail – PackageRow added customer references (Reference) - method InsertExport added list of numbers merged shipments (MergedPackNumbers) - method InsertOrder added list of numbers merged orders (MergedPackNumbers)
1.3	2015-08-24	Changes in input: <ul style="list-style-type: none"> - InsertOrder: added parameter for entering merged orders (MergedOrders) - InsertOrder: removed parameter CountItems - InsertExport: added parameter for entering merged shipments (MergedPackages) - Corrected control of class Contact, now it is checking the format of Email and Telephone number.
1.4	2015-08-27	Changes in input: <ul style="list-style-type: none"> - DeliveryRouting parameter CountryIn changed to optional for Parcel
1.5	2015-09-09	Updating the obligations parameters. Correction.
1.6	2015-09-21	Supplementing dimensions parameters for order.
1.7	2015-11-13	Changed description of parameters for method DeliveryRouting
1.8	2015-12-02	Added web service description, implementation scenario
1.9	2016-01-06	Error code list update
2.0	2016-02-10	New method GetLabel . Update of method IsHealthy. Update of response of method ShipmentDetail.





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2.1	2016-05-09	New methods ListOfShipments , ShipmentStatus , GetPickupList , DeleteShipment . Added new parameter BurstId in methods Insertorder and InsertExport.
2.2	2016-06-06	GDO service added to list of services (in part of method InsertExport)
2.3	2016-07-13	Modification of methods ListOfShipments, ShipmentDetail
2.4	2016-08-23	Correction of parameter Range for AssignRange method (parameter is mandatory)
2.5	2016-10-06	New web service addresses for K-EX customers
2.6	2016-12-05	Changed description of parameters for method AddServiceList
2.7	2017-01-12	Complementing services for method InsertExport
2.8	2017-01-14	Changed description of parameters for method InsertExport
2.9	2017-02-07	The total revision of the document
3.0	2017-05-02	Changed description for method DeleteShipment , editing references to documentation
3.1	2017-08-11	Changed description for method AssignRange
3.2	2017-09-19	Changed description for method InsertExport
3.3	2017-11-02	Updated table of services parameters for method InsertExport
3.4	2017-11-03	Added new limit information in ShipmentStatus , DeleteShipment , GetLabel and InsertExport methods
3.5	2018-01-25	Updated minimum test scenario and added a recommended set of service for GService implementation
3.6	2018-03-15	New method RangeDetail
3.7	2018-05-23	Updated table of Error codes
3.8	2018-07-09	Updated table of additional services
3.9	2018-08-24	Updated table of additional service (format of Dispensing point code)



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Implementation steps on customer side

For web service implementation, following steps are required on customer side:

- Check the option of API requests and reply processing via HTTPS protocol in customer logistic software
- Understanding basic concepts in document *Manual for system integration* (product types, shipment routing, additional shipment services, labels print and hand-over protocol) and this documentation
- Require access to API interface of test web service from Geis sales manager
- Test basic methods and classes, response processing, return codes management
- Create labels and hand-over protocol and send for validation to Geis sales manager
- Agreement of schedule and go-live

Recommended set of services for GService implementation:

1. [IsHealthy](#)
 - *verify that the web service is communicating*

Creation of shipments

1. [AssignRange](#)
 - *if package numbering within **the customer's number series** is required, implementation of the method is necessary*
 - *when using GEIS automatic numbering, there is no need to implement this method*
2. [ServiceList](#)
 - *verify of allowed types of transport – necessary for AddServiceList method*
3. [AddServiceList](#)
 - *verify of available services for a particular customer*
4. [CreatePickUp](#)
 - *when using GEIS automatic pickup (for big customers only) this method is used for verify of automatically generated pickup*
 - *in the event of an error when generating automatic pickup, this method is used for order of pickup*
 - *if the GEIS automatic pickup not used, this method must be implemented to order them*
5. [InsertExport](#)
6. [InsertOrder](#)¹
 - *placing an order*

¹ if is not used, implementation or testing is not required



Printing of label, pickup list and delete of shipment

1. [GetLabel¹](#)
 - *printing of label with way that will be used in particular implementation*
 - *if this method is not implemented, it is necessary to maintain the current route tables and follow the format of parcel and cargo labels (more in Manual for System Integration)*
2. [GetPickupList¹](#)
 - *printing of pickup list for a given shipment day or for specific shipments*
3. [DeleteShipment](#)
 - *delete of created shipments*

Checking of shipment status

1. [ShipmentStatus](#)
 - *returns the last state of the shipment*
2. [ShipmentDetail](#)
 - *returns a complete list of shipment states (information from Track & Trace)*

Minimal test scenario

1. testing the implemented methods
 - a. get state of GService – is communicating or not
 - b. verify of allowed types of transport and services
 - c. get a number of range with appropriate method¹
 - d. create pickup or finding out if the pickup was automatically generated
 - e. create a test set of shipments
 1. shipment without services
 2. shipment with B2C&COD services
 3. shipment for dispensing point (VM) ¹
 4. merged shipment
2. print a label and pickup list for created shipments and send it for inspection to GEIS IT (edi@geis.cz or specific person of IT department)
3. get states of specific shipment(s)
4. delete of created shipments

¹ if is not used, implementation or testing is not required



Web service base classes

The base classes are mentioned below. They are used in almost all methods of service.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	Generic	Input object (specific for call method)	Y

RequestHeader

Name	Type	Description	Mandatory
CustomerCode	String	Customer code	Y*
Password	String	Password for login	Y*
Language	Language	Language for communication	Y

*it does not have to be mandatory for all calls methods.

Language

List of possible languages:

Value	Name/Description
CZ	Czech
SK	Slovak
EN	English
DE	German
PL	Polish

Currency

List of possible currencies:

Value	Name/Description
UND	Undefined value currency
CZK	Czech crown
EUR	Euro
CHF	Swiss franc
USD	American dollar
PLN	Polish Zloty
HUF	Hungarian forint

Response

Name	Type	Description
Request	Request	Input for the called method (it is set only in the case when it ends with an error).
ResponseObject	Generic	Output object (specified for call method)
ErrorMessage	String	Error message.
ErrorCode	String	Error code (List of error codes is here)
Status	ResponseStatus	Status of method processing

ResponseStatus

Value	Name/Description
Inserted	Insert was successful.
Deleted	Delete was successful.
Updated	Update was successful.





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ErrorOccurred	Error occurred during the processing.
AccesDenied	Access denied (invalid combination of customer code and password)
Processed	Listing/Process in passed right.
NoDataFound	No data found.

ZipCodes

Name	Type	Length	Description
ZipCodeFrom	String	10	Zip code from
ZipCodeTo	String	10	Zip code to

Address

Name	Type	Length	Description
Name	String	50	Name
Name2	String	50	Name supplement
Street	String	50	Street
City	String	50	City
ZipCode	String	10	ZipCode
Country	String	2	Country in ISO 3166-1 alpha-2 format

Contact

Contact information

Name	Type	Length	Description
Email	String	50	E-mail
FullName	String	50	Full name
Phone	String	20	Phone number in an international format (e.g. +420 111 222 333)

Error codes

Code	Description
1000	Access denied. Please check login.
1001	Unauthorized access! Please fill login.
2000	[#Name of parameter#] is required parameter!
2001	Required values for distribution channel are 1 (parcel) or 2 (cargo)!
2002	Value [#Value from list of values#] was not found!
2003	No data was found.
2004	Routing table for this day does not exist!
2005	Address has not allowed this kind of transport.
2006	Range of dates is wrong! Please fill right date.
2007	Customer has not allowed this type of manipulation unit [#Typeunit#].
2008	Type of transport [#distribution channel identifier#] is allowed.
2009	Type of transport must have the values 1 - national / 2 - international.
2010	Parcel number has already been used!
2011	Parcel number does not belong to the numerical series assigned to the customer!
2012	This kind of transport service is not allowed for this customer: [#name of the transport service#]!
2013	Total weight and the weight of individual items do not match.
2015	Pickup for actual day could be created only until [#TEXT#] hours.
2016	You filled unspecified service [#TEXT#].



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2017	[#TEXT#] must be in international format (eg.: +420111222333). Allowed prefixes are [#TEXT#].
2018	[#TEXT#] must be in correct format (eg.: correct.mail@email.cz)!
2019	[#TEXT#] is not a valid e-mail or phone! [#TEXT-1#] [#TEXT-2#]*
2020	Order cannot be placed for this day.
2021	[#TEXT#] must be equal to or greater than [#TEXT-1#]!
2022	Entered code for pickup point is not valid!
2023	Entered pickup point code [#TEXT#] was not found.
2024	Contact person is required for shipments delivered to pickup point.
2025	Contact phone is required for shipments delivered to pickup point.
2026	Assigning numerical range is available only for product of Parcel.
2027	You cannot use Distribution point service. Service is not active.
2028	Array country must be specified for cover address!
2029	For address [#TEXT#] service COD to individual account is not allowed.
2030	For export item the dimensions must be specified.
2064	Number of requests for method is exceeded. – Limit will restore in one hour.
2075	Numerical range is not assigned. Call the AssignRange method first with the limit [#TEXT#].
3000	Error service GClientWS! [#Error message from the service GClientWS #]
9999	Unexpected Error!

*it contains a description of errors 2017 and 2018

Web service methods

If the inbound request for a web services exceeds the limit specified for each method, the server rejects the request and show response with an error state in the http header: **HTTP Error 413 Request entity too large**

ServiceList

It returns list of transportation services that are set in the primary system. It can return these values:

Value	Name/Description
10	Parcel expedition
11	Parcel orders
20	Cargo expedition
21	Cargo orders



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Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	ServiceRequest	Empty class	

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in the case when it ends with an error).
ResponseObject	List< Service >	List of transport services
ErrorMessage	String	Error message.
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status of method processing

Service

Detail of transport service.

Name	Type	Length	Description
Code	String	3	Transport service code
Name	String	30	Transport service name

An example of ServiceList method

Request:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <ServiceList xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager" />
      </Request>
    </ServiceList>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <ServiceListResponse xmlns="http://tempuri.org/">
      <ServiceListResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage />
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:Service>
            <a:Code>10</a:Code>
            <a:Name>parcel dispatch</a:Name>
          </a:Service>
          <a:Service>
            <a:Code>11</a:Code>
            <a:Name>parcel orders</a:Name>
          </a:Service>
        </a:ResponseObject>
      </ServiceListResult>
    </ServiceListResponse>
  </s:Body>
</s:Envelope>
```



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```
</a:Service>
<a:Service>
  <a:Code>20</a:Code>
  <a:Name>cargo dispatch</a:Name>
</a:Service>
<a:Service>
  <a:Code>21</a:Code>
  <a:Name>cargo orders</a:Name>
</a:Service>
</a:ResponseObject>
<a:Status>Processed</a:Status>
</ServiceListResult>
</ServiceListResponse>
</s:Body>
</s:Envelope>
```

AddServiceList

It returns the list of additional services that the customer has set up in the primary system. In these service may be included for example COD –Cash on delivery, POJ – insurance etc.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	AddServiceRequest	Instance of the class AddServiceRequest	Y

AddServiceRequest

Name	Type	Length	Description	Mandatory
Service	String	2	Type of transport service (according to the output ServiceList)	Y
DeliveryCountry	String	2	Country of recipient in ISO 3166-1 alpha-2 form	Y

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in the case when it ends with an error)
ResponseObject	List< AddService >	List of services which customer can use.
ErrorMessage	String	Error message.
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status of method processing.

AddService

Detail of service.

Name	Type	Length	Description
Code	Int	2	Service Id
Abbreviation	String	3	Service abbreviation
Description	String	30	Service description.
ZipCodeFrom	String	10	Zip code from (if set)
ZipCodeTo	String	10	Zip code to (if set)



*An example of AddServiceList call method*

Here is an example below in which we run method which returns what services are authorized for customer for Parcel product. Moreover we are interested only in expedition.

Request:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <AddServiceList xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <DeliveryCountry>CZ</DeliveryCountry>
          <Service>10</Service>
        </RequestObject>
      </Request>
    </AddServiceList>
  </soap:Body>
</soap:Envelope>
```

Response:

We can see in the answer that customer has assigned services COD, POJ and D12. For service D12 we can notice that another element ZipCodeList is given. This list identifies for which recipient's Zip code it is possible to use D12 service. In case that D12 service is used in InsertExport method and recipient Zip code is not in the interval Zip code, the expedition won't be processed and service will display an error message.

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/"
  <s:Body>
    <AddServiceListResponse xmlns="http://tempuri.org/">
      <AddServiceListResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage />
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:AddService>
            <a:Abbreviation>COD</a:Abbreviation>
            <a:Code>2</a:Code>
            <a:Description>Cash on delivery</a:Description>
            <a:Service>10</a:Service>
            <a:ZipCodesList i:nil="true" />
          </a:AddService>
          <a:AddService>
            <a:Abbreviation>POJ</a:Abbreviation>
            <a:Code>3</a:Code>
            <a:Description>Add. insurance</a:Description>
            <a:Service>10</a:Service>
            <a:ZipCodesList i:nil="true" />
          </a:AddService>
          <a:AddService>
            <a:Abbreviation>D12</a:Abbreviation>
            <a:Code>6</a:Code>
            <a:Description>Delivery within 12hrs</a:Description>
            <a:Service>10</a:Service>
            <a:ZipCodesList>
```



```
<a:ZipCodes>
  <a:ZipCodeFrom>10000</a:ZipCodeFrom>
  <a:ZipCodeTo>19900</a:ZipCodeTo>
</a:ZipCodes>
<a:ZipCodes>
  <a:ZipCodeFrom>30100</a:ZipCodeFrom>
  <a:ZipCodeTo>31700</a:ZipCodeTo>
</a:ZipCodes>
</a:ZipCodesList>
</a:AddService>
</a:ResponseObject>
<a:Status>Processed</a:Status>
</AddServiceListResult>
</AddServiceListResponse>
</s:Body>
</s:Envelope>
```

StatusList

It returns a list of the shipments statuses which are visible in Track & Trace.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	StatusRequest	StatusRequest instance class	Y

StatusRequest

Name	Type	Description	Mandatory
DistributionChannel	Int	Type of transport service (1 – Parcel, 2 – Cargo)	Y

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case when it ends with an error)
ResponseObject	List< Status >	List of statuses according to the transport service
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status process method.

Status

Detail of status of the shipment.

Name	Type	Length	Description
Code	String	3	Status code
Description	String	20	Service description
DistributionChannel	Int	1	Type of transport service (1 – Parcel, 2 – Cargo)

*An example of StatusList call method***Request:**

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <StatusList xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <DistributionChannel>1</DistributionChannel>
        </RequestObject>
      </Request>
    </StatusList>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <StatusListResponse xmlns="http://tempuri.org/">
      <StatusListResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage />
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:Status>
            <a:Code>10</a:Code>
            <a:Description>Pick up of parcel</a:Description>
            <a:DistributionChannel>1</a:DistributionChannel>
          </a:Status>
          <a:Status>
            <a:Code>11</a:Code>
            <a:Description>Cancelled</a:Description>
            <a:DistributionChannel>1</a:DistributionChannel>
          </a:Status>
          <a:Status>
            <a:Code>12</a:Code>
            <a:Description>Pick up depot</a:Description>
            <a:DistributionChannel>1</a:DistributionChannel>
          </a:Status>
          <a:Status>
            <a:Code>20</a:Code>
            <a:Description>received at depot</a:Description>
            <a:DistributionChannel>1</a:DistributionChannel>
          </a:Status>
        </a:ResponseObject>
        <a:Status>Processed</a:Status>
      </StatusListResult>
    </StatusListResponse>
  </s:Body>
</s:Envelope>
```





Global Logistics

G-Service web service – documentation

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WrapList

This returns a list of manipulation units allowed for the customer in the primary system.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	WrapRequest	Instance of the WrapRequest class (empty class)	Y

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	List< Wrap >	List of manipulation units which are allowed for the customer.
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status process method.

Wrap

Detail of the manipulation unit.

Name	Type	Length	Description
Code	String	3	Manipulation unit code
Description	String	50	Manipulation unit description
Returnable	Bool		Returnable package

An example of WrapList call method

Request:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <WrapList xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager" />
      </Request>
    </WrapList>
  </soap:Body>
</soap:Envelope>
```



Geis CZ s.r.o.
Zemská 211/I
337 01 Elpovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

E-mail: info@geis.cz
Internet: www.geis.cz
IČO: 44567359
DIČ: CZ44567359

Bankovní spojení:
UniCredit Bank Czech Republic, a.s.

Č.ú.: 1545471501/2700 (CZK)
Č.ú.: 1545471560/2700 (EUR)
EUR IBAN:
CZ56 2700 0000 0015 45471560
CZK IBAN:
CZ97 2700 0000 0015 45471501
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**Response:**

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <WrapListResponse xmlns="http://tempuri.org/">
      <WrapListResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage />
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:Wrap>
            <a:Code>FP</a:Code>
            <a:Description>Europallet</a:Description>
            <a:Returnable>true</a:Returnable>
          </a:Wrap>
          <a:Wrap>
            <a:Code>KH</a:Code>
            <a:Description>Half pallet</a:Description>
            <a:Returnable>true</a:Returnable>
          </a:Wrap>
        </a:ResponseObject>
        <a>Status>Processed</a>Status>
      </WrapListResult>
    </WrapListResponse>
  </s:Body>
</s:Envelope>

```

DeliveryRouting

It returns country of the recipient, depot and direction. This information is important for compilation of the label - see [System integration manual for customers](#) section 2.4. Specification for printing labels on the page 22.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	DeliveryRoutingRequest	Instance of class DeliveryRoutingRequest	Y

DeliveryRoutingRequest

Name	Type	Length	Description	Mandatory
DistributionChannel	Int		Type of transport service (1 – Parcel, 2 – Cargo)	Y
CountryIn	String	2	Sender's country	Y*
ZipCodeIn	String	10	Sender's Zip code	Y
CountryOut	String	2	Recipient's country	Y
ZipCodeOut	String	10	Recipient's Zip code	Y
TemperatureMode	String		Temperature mode (not used)	

*Parameter is mandatory for Cargo



*Response*

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	DeliveryRouting	Information about routing.
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status of method processing

DeliveryRouting

Name	Type	Length	Description
DeliveryRoute	String	4	Delivery routes code
DepCode	String	3	Depot code

*An example of DeliveryRouting call method***Request:**

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <DeliveryRouting xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CountryIn />
          <CountryOut>CZ</CountryOut>
          <DistributionChannel>1</DistributionChannel>
          <TemperatureMode />
          <ZipCodeIn>33843</ZipCodeIn>
          <ZipCodeOut>60200</ZipCodeOut>
        </RequestObject>
      </Request>
    </DeliveryRouting>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <DeliveryRoutingResponse xmlns="http://tempuri.org/">
      <DeliveryRoutingResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage />
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:DeliveryRoute>6010</a:DeliveryRoute>
          <a:DepCode>60</a:DepCode>
        </a:ResponseObject>
        <a:Status>Processed</a:Status>
      </DeliveryRoutingResult>
    </DeliveryRoutingResponse>
  </s:Body>
</s:Envelope>
```





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G-Service web service – documentation

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ShipmentDetail

It returns information about shipment. If the information about customer is sent and shipment is created, this method returns information about T&T data, shipment services, recipient's address and sender's address. If customer/payer does not create shipment, it will only display the statuses of the shipment.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	ShipmentRequest	Instance of the class ShipmentRequest	Y

ShipmentRequest

Name	Type	Length	Description	Mandatory
DistributionChannel	Int		Type of transport service (1 – Parcel, 2 – Cargo)	Y
ShipmentNumber	String	11 / 13	Number of the shipment parcel / cargo	Y

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	Shipment	Details about shipment
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status of method processing.

Shipment

Detail of the shipment. Channel: P = valid for parcel, C = valid for cargo

Name	Type	Length	Description	Channel
ShipmentNumber	String	11 / 13	Number of the shipment parcel / cargo	PC
ShipmentNumberCust	String	50	Customer's reference	PC
DelivPerson	String	50	Name of the shipment recipient	PC
Weight	Decimal	(5,2)	Weight of the shipment	PC
CodVarCode	String	10	Payment identification code for cash on delivery	PC
CodValue	Decimal	(12,2)	Cash on delivery value	PC
DelivDate	DateTime		Date of delivery	PC
BorderDate	DateTime		Sending date (date of loading to main run)	C
BorderDate	DateTime		Shipment creation date	P
Volume	Decimal	(9,3)	Volume	C
RecAddress	Address		Address of the recipient	PC
SendAddress	Address		Address of the sender	PC
History	List< PackageHistory >		List of shipment statuses	PC
ColliHistory	List< ColliHistory >		List of statuses for individual pieces of shipment	C
Services	List< PackageService >		List of shipment services	PC
Rows	List< PackageRow >		List of shipment rows	C



Geis CZ s.r.o.
Zemská 211/I
337 01 Ejovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

E-mail: info@geis.cz
Internet: www.geis.cz
IČO: 44567359
DIČ: CZ44567359

Bankovní spojení:
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Global Logistics

G-Service web service – documentation

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PackageHistory

Detail of shipment status.

Name	Type	Length	Description
StatusDate	DateTime		Date of status
StatusName	String	50	Name of status
StatusCode	String	10	Code of status
DepName	String	50	Depot of status
Description	String	50	Note

ColliHistory

Item of the status piece of shipment

Name	Type	Length	Description
StatusDate	DateTime		Date of status
StatusName	String	50	Name of status
StatusCode	String	10	Code of status
DepName	String	50	Depot of status
Description	String	50	Note
ColliNumber	String	25	Number of the piece

PackageService

Item of shipment service

Name	Type	Length	Description
Name	String	30	Name of service
Price	Decimal	(12,2)	Service price
Currency	Currency		Currency

PackageRow

Item of the shipment row

Name	Type	Length	Description
CountItems	Int		Number of pieces
PackingType	String	30	Package
Description	String	30	Description
Weight	Decimal	(9,2)	Weight
Reference	String	50	Customer's reference
Volume	Decimal	(9,3)	Volume
Dimension	String		Dimension (return empty value)

Error codes

Code	Shipment status	Description
0	OK	Non-delivery, it has status
1	OK	Delivery, it has status
2	OK	Does not have status yet
3	STORNO	Shipment was cancelled.
4	Není	Shipment does not exist.



Geis CZ s.r.o.
Zemská 211/1
337 01 Ejovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

E-mail: info@geis.cz
Internet: www.geis.cz
IČO: 44567359
DIČ: CZ44567359

Bankovní spojení:
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Č.ú.: 1545471501/2700 (CZK)
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CZK IBAN:
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všeobecných obchodních
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*An example of ShipmentDetail call method***Request:**

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <ShipmentDetail xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <DistributionChannel>1</DistributionChannel>
          <ShipmentNumber>02093000033</ShipmentNumber>
        </RequestObject>
      </Request>
    </ShipmentDetail>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <ShipmentDetailResponse xmlns="http://tempuri.org/">
      <ShipmentDetailResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0</a:ErrorCode>
        <a:ErrorMessage>Shipment OK - undelivered, has statuses.</a:ErrorMessage>
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:BorderDate>0001-01-01T00:00:00</a:BorderDate>
          <a:CodValue>1,00</a:CodValue>
          <a:CodVarCode>123</a:CodVarCode>
          <a:ColliHistory i:nil="true" />
          <a:DelivDate>0001-01-01T00:00:00</a:DelivDate>
          <a:DelivPerson i:nil="true" />
          <a:History>
            <a:PackageHistory>
              <a:DepName />
              <a:Description>Reference to shipment</a:Description>
              <a:StatusCode>121</a:StatusCode>
              <a:StatusDate>2015-09-07T08:23:03.763</a:StatusDate>
              <a:StatusName>Customer reference</a:StatusName>
            </a:PackageHistory>
            <a:PackageHistory>
              <a:DepName />
              <a:Description />
              <a:StatusCode>174</a:StatusCode>
              <a:StatusDate>2015-09-07T08:23:03.83</a:StatusDate>
              <a:StatusName>Recipient's phone</a:StatusName>
            </a:PackageHistory>
          </a:History>
          <a:RecAddress>
            <a:City>Mirošov</a:City>
            <a:Country>Česká republika</a:Country>
            <a:Name>Test GService - test GService</a:Name>
            <a:Name2 />
            <a:Street>Prokopova XXX</a:Street>
            <a:ZipCode>33843</a:ZipCode>
          </a:RecAddress>
        </a:ResponseObject>
      </ShipmentDetailResult>
    </ShipmentDetailResponse>
  </s:Body>
</s:Envelope>
```





```

<a:Rows i:nil="true" />
<a:SendAddress>
  <a:City>Ejpovice</a:City>
  <a:Country>Česká republika</a:Country>
  <a:Name>Test GService - svozová adresa</a:Name>
  <a:Name2 />
  <a:Street>Zemská 211/I</a:Street>
  <a:ZipCode>33701</a:ZipCode>
</a:SendAddress>
<a:Services>
  <a:PackageService>
    <a:Currency>UND</a:Currency>
    <a:Name>Mýto</a:Name>
    <a:Price>0.0000</a:Price>
  </a:PackageService>
  <a:PackageService>
    <a:Currency>UND</a:Currency>
    <a:Name>Diesel surcharge</a:Name>
    <a:Price>0.0000</a:Price>
  </a:PackageService>
  <a:PackageService>
    <a:Currency>UND</a:Currency>
    <a:Name>Transport costs</a:Name>
    <a:Price>0.0000</a:Price>
  </a:PackageService>
  <a:PackageService>
    <a:Currency>UND</a:Currency>
    <a:Name>Cash on delivery</a:Name>
    <a:Price>0.0000</a:Price>
  </a:PackageService>
  <a:PackageService>
    <a:Currency>UND</a:Currency>
    <a:Name>Private address</a:Name>
    <a:Price>0.0000</a:Price>
  </a:PackageService>
</a:Services>
<a:ShipmentNumber>02093000033</a:ShipmentNumber>
<a:ShipmentNumberCust>Reference of shipment</a:ShipmentNumberCust>
<a:Volume>0</a:Volume>
<a:Weight>4.00</a:Weight>
</a:ResponseObject>
<a>Status>Processed</a>Status>
</ShipmentDetailResult>
</ShipmentDetailResponse>
</s:Body>
</s:Envelope>

```

RouteTable

It returns route table. It is possible to return the table for 7 days in advance. This information is important for creation of label see [System integration manual for customers](#) section 2.4. Specification for printing labels on the page 22.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	RouteTableRequest	Instance of the class RouteTableRequest	Y



*RouteTableRequest*

Name	Type	Description	Mandatory
DistributionChannel	Int	Type of transport service (1 – Parcel, 2 – Cargo)	Y
ValidDate	DateTime	Validity date	Y

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	List< RouteTable >	List of items from routing table
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status of method processing

RouteTable

Name	Type	Length	Description
DistributionChannel	Int		Service
Country	String	2	Country
Depot	String	2	epot code
Route	String	4	Route
ZipCodes	ZipCodes		Zip code from/to
ValidDate	Datetime		Validity

*An example of RouteTable call method***Request:**

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <RouteTable xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <DistributionChannel>1</DistributionChannel>
          <ValidDate>2015-09-21T00:00:00</ValidDate>
        </RequestObject>
      </Request>
    </RouteTable>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <RouteTableResponse xmlns="http://tempuri.org/">
      <RouteTableResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage />
        <a:Request i:nil="true" />
        <a:ResponseObject>
```





```
<a:RouteTable>
  <a:Country>CZ</a:Country>
  <a:Depot>81</a:Depot>
  <a:DistributionChannel>1</a:DistributionChannel>
  <a:Route>8109</a:Route>
  <a:ValidDate>2015-09-21T00:00:00</a:ValidDate>
  <a:ZipCodes>
    <a:ZipCodeFrom>29444</a:ZipCodeFrom>
    <a:ZipCodeTo>29469</a:ZipCodeTo>
  </a:ZipCodes>
</a:RouteTable>
<a:RouteTable>
  <a:Country>CZ</a:Country>
  <a:Depot>81</a:Depot>
  <a:DistributionChannel>1</a:DistributionChannel>
  <a:Route>8111</a:Route>
  <a:ValidDate>2015-09-21T00:00:00</a:ValidDate>
  <a:ZipCodes>
    <a:ZipCodeFrom>29300</a:ZipCodeFrom>
    <a:ZipCodeTo>29301</a:ZipCodeTo>
  </a:ZipCodes>
</a:RouteTable>
</a:ResponseObject>
<a:Status>Processed</a:Status>
</RouteTableResult>
</RouteTableResponse>
</s:Body>
</s:Envelope>
```





CreatePickUp

It creates pick up that belongs to expedition. It is an advice that shipments have been picked up according to the requirement. The pickup may be ordered on the same day when you create requirement, but maximum until 10:00 o'clock. After that, the date of pick up must be set up according to the definition: **current day + 1, but it must be a working day.**

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	PickUpRequest	Instance of class PickUpRequest	Y

PickUpRequest

Name	Type	Length	Description	Mandatory
DistributionChannel	Int		Type of transport service(1 – Parcel, 2 – Cargo)	Y
DateFrom	DateTime		Date and time of pick up from	Y
DateTo	DateTime?		Date and time of pick up to (day and month must be same as DateFrom)	
CountItems	Int		Number of pieces	Y
TotalWeight	Decimal	(9,2)	Total weight (kg)	Y*
Contact	Contact		Contact information	Y
Note	String	50	Note	
PickUpItems	List< PickUpItem >		List of pick up items	
TemperatureMode	Int		Code of temperature mode **	

*mandatory for Cargo pick up

** Assumes values 1, 2 (only for PL)

PickUpItem

Detail of pick up item.

Name	Type	Length	Description	Mandatory
CountItems	Int		Number of items	
Weight	Decimal	(9,2)	Weight (kg)	
Type	String	3	Type of manipulating item	
Reference	String	50	Reference	

Response

Název	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	PickUp	Empty class
ErrorMessage	String	Error message
ErrorCode	String	Error code (List of error codes is here)
Status	ResponseStatus	Status of method processing



*An example of CreatePickUp call method***Request:**

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <CreatePickUp xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <Contact>
            <Email>test@geis.cz</Email>
            <FullName />
            <Phone>+42095127777</Phone>
          </Contact>
          <CountItems>5</CountItems>
          <DateFrom>2015-09-22T00:00:00</DateFrom>
          <DistributionChannel>1</DistributionChannel>
          <Note>Note to pick up.</Note>
          <PickUpItems>
            <PickUpItem>
              <Reference />
              <Type />
            </PickUpItem>
          </PickUpItems>
        </RequestObject>
      </Request>
    </CreatePickUp>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/"
  <s:Body>
    <CreatePickUpResponse xmlns="http://tempuri.org/">
      <CreatePickUpResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0</a:ErrorCode>
        <a:ErrorMessage>Pick up accepted and confirmed.</a:ErrorMessage>
        <a:Request i:nil="true" />
        <a:ResponseObject />
        <a:Status>Inserted</a:Status>
      </CreatePickUpResult>
    </CreatePickUpResponse>
  </s:Body>
</s:Envelope>
```





Global Logistics

G-Service web service – documentation

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InsertExport

It creates type of shipment expedition for the product (Parcel, Cargo). Expedition can be created for current day, but there must be pick up for this day, otherwise the method ends with an error. To complete the expedition you may need to know several data such as list of services – common for Parcel and Cargo (method AddServiceList), list of merged shipments – only for Parcel, list of transport items (manipulating items, WrapList method) – only for Cargo. Object InsertExport consists of several objects which can be entered as field of objects (e.g. List of services) see next table ExportRequest.

Note: It is necessary to preserve the order of individual elements in accordance with tables below. Otherwise, the submitted information may be skipped.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	ExportRequest	Instance of class ExportRequest	Y

ExportRequest

Name	Type	Length	Description	Mandatory
BurstId	String	50	ID batch (according to this parameter to choose the shipment by method ListOfShipments)	
CoverAddress	Address		Cover address	
DeliveryAddress	Address		Delivery address	Y
DeliveryContact	Contact		Contact for the recipient	
DistributionChannel	Int		Type of transport service (1 – Parcel, 2 – Cargo)	Y
ExportItems	List< ExportItem >		Transport items	Y**
ExportServices	List< ExportService >		List of shipment services	

MergedPackages	List< MergedItem >		List of merged shipments (mandatory when parameter MergedShipment is entered as „true“)	
MergedShipment	Bool		Merged shipment (only for parcel)	
Note	String	50	Note for recipient	
NoteDriver	String	50	Note for driver	
PartnerNumber	String	40	External number of shipment	
PickUpDate	DateTime		Date of pick up (pick up must be created for this date)	Y*
Reference	String	30	Shipment references	
ShipmentNumber	String	11 / 13	Number of shipment (when is empty, shipment number is assigned automatically. For Parcel, is possible fill in according to output method AssignRange)	
Weight	Decimal	(9,2)	Weight (in kg) (only for parcel)	Y*

*it is mandatory for pick up Parcel, **it is mandatory for Cargo



Geis CZ s.r.o.
Zemská 211/1
337 01 Ejovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

E-mail: info@geis.cz
Internet: www.geis.cz
IČO: 44567359
DIČ: CZ44567359

Bankovní spojení:
UniCredit Bank Czech Republic, a.s.

Č.ú.: 1545471501/2700 (CZK)
Č.ú.: 1545471560/2700 (EUR)
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CZK IBAN:
CZ97 2700 0000 0015 45471501
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Společnost zapsána v obchodním
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v Plzni, oddíl C, číslo vložky 14475.

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Global Logistics

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ExportService

Name	Type	Description	Mandatory
Code	String	Service code	Y
Parameter_1	String	Parameter 1	
Parameter_2	String	Parameter 2	
Parameter_3	String	Parameter 3	
Parameter_4	String	Parameter 4	
Parameter_5	String	Parameter 5	
Parameter_6	String	Parameter 6	
Parameter_7	String	Parameter 7	
Parameter_8	String	Parameter 8	
RODParameters	List< RODParameter>		Y*

* Only for service ROD

RODParameter

Name	Type	Description	Mandatory
Name	String	Free document description	Y
Type**	String	Abbreviation	Y

** allowed values (RUA, RWZ, RIM, RAN, RDW, ROD, RIN, RUM)

Services parameter

List of services with specific parameters (mandatory in bold).

Code	Service	Parameter_1	Parameter_2	Parameter_3	Parameter_4	Parameter_5	Availability	Can not be used with service:	Product
ADL	POD scan	E-mail					CZ/SK/ PL	VM	GP
ADZ	Delivered parcel advice	Phone or e-mail					CZ/SK/ PL	-	GP
AOZ	Damaged parcel advice	Phone or e-mail					CZ/SK/ PL	-	
APZ	Problem parcel advice	Phone or e-mail					CZ/SK/ PL	-	GP
B2C	Private Address	Phone					CZ/SK/ PL	SMS, AVI, D12,GAR, VM	GP/GC
COD	Cash on delivery	Value of the COD	Currency of the COD	Variable symbol**	IBAN		CZ/SK/ PL	-	GP/GC
ROD	Guaranteed delivery documents	Address code for documents return					PL	-	GP
POJ	Additional insurance	Value of the insurance	Currency				CZ/SK/ PL	VM	GP
AVI	Telephone advice	Phone with country prefix					CZ/SK/ PL	B2C, VM	GP/GC
SMS	SMS advice	Phone with country prefix***					CZ/SK/ PL	B2C&VM - parcel	GP/GC



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337 01 Ejovice
Czech Republic

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Společnost zapsána v obchodním
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VM	Dispensing point *	Code of DP in form: GPnxxxxxx xx *****					CZ/SK	B2C, D12, POJ, GAR, EXW, AVI, POD, EDL	GP
GAR	Guaranteed delivery	Phone or e-mail					CZ/SK/PL	B2C, D12, VM	GP
EMA	Email to recipient	*****					CZ/SK/PL	-	GP/GC
DON	Additional fee for non-standard packaging						PL		GP

*In "dispensing point" service it is necessary to enter contact person (Name and phone number)

** Variable symbol – this field is used in COD returns' report. If it is filled, it will replace the shipment number.

*** For SMS service must be entered the recipient phone number with the prefix in the <DeliveryContact> section.

****For EMA service must be entered the recipient email address in the <DeliveryContact> section

**** Description format of dispensing point: GPnxxxxxxxx (n = code of the country (CZ=1, SK=2, PL=3), x = number of DP)

Services that are not listed in the table do not require assignment of parameters

ExportItem

Mandatory fields only for Cargo (DistributionChannel = 2)

Name	Type	Length	Description	Mandatory
CountItems	Int		Number of items	Y
Description	String	50	Description	
Type	String	3	Manipulation unit code (WrapList)	Y
Reference	String	50	References	
Weight	Decimal	(9,2)	Weight (kg)	Y
Volume	Decimal	(9,3)	Volume (v m^3)	Y
Height	Decimal	(9,2)	Height (in meters)	Y**
Width	Decimal	(9,2)	Width (in meters)	Y**
Length	Decimal	(9,2)	Length (in meters)	Y**

**It is mandatory in Poland

MergedItem

Up to 90 shipments can be merged within the MergedItem.

Name	Type	Length	Description	Mandatory
PackNumber	String	20	Number of shipment	
PartnerNumber	String	40	External number of shipment	
Weight	Decimal	(9,2)	Weight (kg)	Y

Example of combining multiple packages in one InsertExport shipment:

To create a multi-packs shipment, use the MergeShipment object. Example of multipacks: 3 packages of 10, 15 and 5 kg:

Code fragment for InsertExport:



Geis CZ s.r.o.
Zemská 211/I
337 01 Ejovice
Czech Republic

Telefon: +420 951 277 777
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Společnost zapsána v obchodním rejstříku vedeném Krajským soudem v Plzni, oddíl C, číslo vložky 14475.

Pracujeme na základě našich všeobecných obchodních podmínek – aktuální stav.



```

<gser:MergedPackages>
  <gser:MergedItem>
    <gser:PackNumber></gser:PackNumber>
    <gser:Weight>15</gser:Weight>
  </gser:MergedItem>
  <gser:MergedItem>
    <gser:PackNumber></gser:PackNumber>
    <gser:Weight>5</gser:Weight>
  </gser:MergedItem>
</gser:MergedPackages>

<gser:MergedShipment>1</gser:MergedShipment>

```

```

<gser:Weight>10</gser:Weight>

```

Note:

1. We do not send combined weights.
2. The <gser: MergedShipment>1</ gser: MergedShipment> element must be placed under a block of code with additional packages.

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	Export	Empty class
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status of method processing

*An full example of InsertExport call method for merged shipment***Request:**

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:tem="http://tempuri.org/"
  xmlns:gser="http://schemas.datacontract.org/2004/07/GService.Manager">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:InsertExport>
      <tem:Request>
        <gser:Header>
          <gser:CustomerCode>22127959</gser:CustomerCode>
          <gser:Language>CZ</gser:Language>
          <gser>Password>*****</gser>Password>
        </gser:Header>
        <gser:RequestObject>
          <gser:BurstId>test_merge</gser:BurstId>
          <gser:DeliveryAddress>
            <gser:City>Wroclaw</gser:City>
            <gser:Country>PL</gser:Country>
          </gser:DeliveryAddress>
        </gser:RequestObject>
      </tem:Request>
    </tem:InsertExport>
  </soapenv:Body>
</soapenv:Envelope>

```





```

    <gser:Name>Test Test</gser:Name>
    <gser:Street>Zemská 211/1</gser:Street>
    <gser:ZipCode>40316</gser:ZipCode>
  </gser:DeliveryAddress>
  <gser:DeliveryContact>
    <gser:Email>jan.maxa@geis.cz</gser:Email>
    <gser:FullName>Test Test</gser:FullName>
    <gser:Phone>+48668183151</gser:Phone>
  </gser:DeliveryContact>
  <gser:DistributionChannel>1</gser:DistributionChannel>
  <gser:ExportServices>
    <gser:ExportService>
      <gser:Code>2</gser:Code>
      <gser:Parameter_1>100</gser:Parameter_1>
      <gser:Parameter_2>PLN</gser:Parameter_2>
      <gser:Parameter_3>159753159</gser:Parameter_3>
      <gser:Parameter_4>PL27114020040000300201355387</gser:Parameter_4>
      <gser:Parameter_5></gser:Parameter_5>
      <gser:Parameter_6></gser:Parameter_6>
      <gser:Parameter_7></gser:Parameter_7>
      <gser:Parameter_8></gser:Parameter_8>
    </gser:ExportService>
  </gser:ExportServices>
  <gser:MergedPackages>
    <gser:MergedItem>
      <gser:PackNumber></gser:PackNumber>
      <gser:PartnerNumber>PartnerNumber_1</gser:PartnerNumber>
      <gser:Weight>15</gser:Weight>
    </gser:MergedItem>
    <gser:MergedItem>
      <gser:PackNumber></gser:PackNumber>
      <gser:PartnerNumber>PartnerNumber_2</gser:PartnerNumber>
      <gser:Weight>5</gser:Weight>
    </gser:MergedItem>
  </gser:MergedPackages>
  <gser:MergedShipment>true</gser:MergedShipment>
  <gser>Note>Test_pozn_přijemci</gser>Note>
  <gser>NoteDriver>Test_pozn_řidiči</gser>NoteDriver>
  <gser:PickUpDate>2017-02-07T00:00:00</gser:PickUpDate>
  <gser:Reference>Test_reference</gser:Reference>
  <gser:Weight>10</gser:Weight>
</gser:RequestObject>
</tem:Request>
</tem:InsertExport>
</soapenv:Body>
</soapenv:Envelope>

```

Response:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <InsertExportResponse xmlns="http://tempuri.org/">
      <InsertExportResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage/>
        <a:Request i:nil="true"/>
        <a:ResponseObject>
          <a:BurstId>test_merge</a:BurstId>
          <a:MergedPackNumbers
xmlns:b="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
            <b:string>70000314348</b:string>

```





```

    <b:string>7000314349</b:string>
  </a:MergedPackNumbers>
  <a:PackNumber>7000314347</a:PackNumber>
</a:ResponseObject>
<a>Status>Inserted</a>Status>
</InsertExportResult>
</InsertExportResponse>
</s:Body>
</s:Envelope>

```

InsertOrder

It creates type of shipment order for the product (Parcel, Cargo). The order can be created first for the next working day. To complete the order some data are required such as list of services – common for Parcel and Cargo (method AddServiceList), list of merged shipment – only Parcel, list of transport pieces (manipulating items, WrapList method) – only for Cargo.

Object InsertOrder is created from several objects that may be entered as field of objects (e.g. list of services) see following table OrderRequest.

Note: It is necessary to preserve the order of individual elements in accordance with tables below. Otherwise, the submitted information may be skipped.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	OrderRequest	Instance of class OrderRequest	Y

OrderRequest

Name	Type	Length	Description	Mandatory
DistributionChannel	Int		Type of transport service (1 – Parcel, 2 – Cargo)	Y
PartnerNumber	String	40	External partner number	
PickUpDate	DateTime		Date of pick up	Y
Reference	String	30	Customer's reference of shipment	
Note	String	50	Note to recipient	
NoteDriver	String	50	Note for driver	
Weight	Decimal	(9,2)	Weight (kg)	Y*
Volume	Decimal	(9,3)	Volume (m ³)	
MergedOrder	Bool		Merged order	Y*
ExportItems	List< ExportItem >		List of transport pieces	Y**
SenderAddress	Address		Sender's address	Y
SenderContact	Contact		Sender's contact	
DeliveryAddress	Address		Recipient's address	Y
DeliveryContact	Contact		Recipient's contact	
ExportServices	List< ExportService >		List of services	Y**
MergedOrders	List< MergedItem >		List of merged shipments (mandatory for MergedOrder parameter entered to „true“)	



BurstId	String	50	ID batch (according to this parameter to choose the shipment by method ListOfShipments)	
---------	--------	----	---	--

*mandatory for Parcel pickup, ** mandatory for Cargo

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	Order	Information about entered order
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error code is here)
Status	ResponseStatus	Status of method processing

Order

Name	Type	Length	Description
PackNumber	String	20	Number of parcel
MergedPackNumbers	List<String>		List of numbers merged orders

An example of InsertOrder call method

Request:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <InsertOrder xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <DeliveryAddress>
            <City>Ejpovice</City>
            <Country>CZ</Country>
            <Name>Josef Novák</Name>
            <Name2 />
            <Street>Zemská 211/1</Street>
            <ZipCode>33701</ZipCode>
          </DeliveryAddress>
          <DeliveryContact>
            <Email>josef.novak@xxxx.cz</Email>
            <FullName />
            <Phone>+42095127777</Phone>
          </DeliveryContact>
          <DistributionChannel>1</DistributionChannel>
          <ExportItems>
            <ExportItem>
              <Description />
              <Dimensions />
              <Reference />
              <Type />
            </ExportItem>
          </ExportItems>
        </RequestObject>
      </Request>
    </InsertOrder>
  </soap:Body>
</soap:Envelope>
```



Geis CZ s.r.o.
Zemská 211/1
337 01 Ejpovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

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IČO: 44567359
DIČ: CZ44567359

Bankovní spojení:
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Společnost zapsána v obchodním rejstříku vedeném Krajským soudem v Plzni, oddíl C, číslo vložky 14475.

Pracujeme na základě našich všeobecných obchodních podmínek – aktuální stav.



```

<ExportServices>
  <ExportService>
    <Code>15</Code>
    <Parameter_1 />
    <Parameter_2 />
    <Parameter_3 />
    <Parameter_4 />
    <Parameter_5 />
  </ExportService>
</ExportServices>
<MergedOrder>true</MergedOrder>
<MergedOrders>
  <MergedItem>
    <PackNumber />
    <Weight>6</Weight>
  </MergedItem>
</MergedOrders>
<Note />
<NoteDriver />
<PickUpDate>2015-09-22T00:00:00</PickUpDate>
<Reference />
<SenderAddress>
  <City>Říčany</City>
  <Country>CZ</Country>
  <Name>František Dobrota</Name>
  <Name2 />
  <Street>Modletice 128, AOS 2</Street>
  <ZipCode>25101</ZipCode>
</SenderAddress>
<SenderContact>
  <Email>frantisek.dobrota@xxxx.cz</Email>
  <FullName />
  <Phone>+420951277777</Phone>
</SenderContact>
<Weight>5</Weight>
</RequestObject>
</Request>
</InsertOrder>
</soap:Body>
</soap:Envelope>

```

Response:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <InsertOrderResponse xmlns="http://tempuri.org/">
      <InsertOrderResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage />
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:MergedPackNumbers xmlns:b="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
            <b:string>01061224431</b:string>
          </a:MergedPackNumbers>
          <a:PackNumber>01061224430</a:PackNumber>
        </a:ResponseObject>
        <a>Status>Inserted</a>Status>
      </InsertOrderResult>
    </InsertOrderResponse>
  </s:Body>
</s:Envelope>

```



**Example of combining multiple packages in one InsertOrder shipment:**

To create a multi-packs shipment, use the MergeOrder object. Example of multipacks: 3 packages of 10, 15 and 5 kg:

Code fragment for InsertOrder:

```
<gser:MergedOrder>1</gser:MergedOrder>
```

```
<gser:MergedOrders>
  <gser:MergedItem>
    <gser:Weight>15</gser:Weight>
  </gser:MergedItem>
  <gser:MergedItem>
    <gser:Weight>5</gser:Weight>
  </gser:MergedItem>
</gser:MergedOrders>
```

```
-----
<gser:Weight>10</gser:Weight>
```

Note:

1. We do not send combined weights.
2. The <gser:MergedOrder >1</ gser:MergedOrder > element must be placed above a block of code with additional packages.

AssignRange

Method for allocating customer number series, which are used as shipment numbers. Method returns range bounded by minimum value (RangeLow) and maximum value (RangeHigh), both values should be saved for later use and both values could be used as shipment numbers. Rules for allocating ranges are described below, the rules are different for cargo and parcel.

1. Parcel – every customer receives a limit for the allocation (how many numbers is allowed to allocate for himself). It is possible to allocate new range first when the current range has less than 15% free numbers of the limit. For example if the limit is set to 1000, then it is possible to allocate new range only if less than 150 free numbers in current range are free. If the request for range is larger than limit set, then this request will be automatically declined.
2. Cargo - there is no range limit set individually, each customer receives range with 5000 numbers after first call of this method. When there is less than 500 free numbers, then it is possible to ask for another range.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y



Geis CZ s.r.o.
Zemská 211/1
337 01 Ejovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

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Internet: www.geis.cz
IČO: 44567359
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Global Logistics

G-Service web service – documentation

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RequestObject	RangeRequest	Instance of class RangeRequest	Y
---------------	--------------	--------------------------------	---

RangeRequest

Name	Type	Length	Description	Mandatory
DistributionChannel	Int		Type of transport service (1 – Parcel, 2 – Cargo)	Y
TransportType	String	1	Type of transport (1- internal, 2- international)	Y*
Range	Int		Range (Number of shipment)	Y*

* the parameter is mandatory and is listed only for parcel

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it ends with an error)
ResponseObject	Range	Information about range
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error code is here)
Status	ResponseStatus	Status of method processing

Range

Name	Type	Description
RangeLow	String	Lower limit of range
RangeHigh	String	Upper limit of range



Geis CZ s.r.o.
Zemská 211/1
337 01 Ejovice
Czech Republic

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*An example of AssignRange method call***Request:**

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <AssignRange xmlns="http://tempuri.org/">
      <Request>
        <Header xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <CustomerCode>22054861</CustomerCode>
          <Language>EN</Language>
          <Password>wspwd</Password>
        </Header>
        <RequestObject xmlns="http://schemas.datacontract.org/2004/07/GService.Manager">
          <DistributionChannel>1</DistributionChannel>
          <Range>5</Range>
          <TransportType>1</TransportType>
        </RequestObject>
      </Request>
    </AssignRange>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <AssignRangeResponse xmlns="http://tempuri.org/">
      <AssignRangeResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0</a:ErrorCode>
        <a:ErrorMessage>Rozsah přidělen.</a:ErrorMessage>
        <a:Request i:nil="true" />
        <a:ResponseObject>
          <a:RangeHigh>02093000075</a:RangeHigh>
          <a:RangeLow>02093000071</a:RangeLow>
        </a:ResponseObject>
        <a>Status>Processed</a>Status>
      </AssignRangeResult>
    </AssignRangeResponse>
  </s:Body>
</s:Envelope>
```





IsHealthy

In case of successful call method, this service answers with the text “Healthy”. This method is used for simple text in case that service is running.

Example of IsHealthy method call

Request:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <IsHealthy xmlns="http://tempuri.org/" />
  </soap:Body>
</soap:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <IsHealthyResponse xmlns="http://tempuri.org/">
      <IsHealthyResult>Healthy</IsHealthyResult>
    </IsHealthyResponse>
  </s:Body>
</s:Envelope>
```

GetLabel

This method allows to get labels for shipments in specified format. The shipment has to be created via G-Service and must belong to the logged-on customer, otherwise it ends with error message. The method returns the label only for expeditions (shipments based on the InsertExport method).

Using this method, you can get multiple-label labels at once. The limit is set to 200 cargo shipments or 400 parcels in one call method.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	LabelRequest	Instance of class LabelRequest	Y

LabelRequest

Name	Type	Description	Mandatory
ShipmentNumbers	List< LabelItem >	List of objects LabelItem. Objects LabelItem contains attribute ShipmentNumber , this attribute is filled with number of shipment printed on the label.	Y
Format	Int	Determines format of generated file. Allowed values : 1 – PDF 2 – EPL 3 - ZPL 4 – BMP (BMP file is transformed from TIFF file.) 5 – PDF (Thermal printer format 10x15cm)	Y
Resolution	Int	Resolution. Fill this field only in case EPL/ZPL label. Allowed values :	



		200 – 200 DPI etiketa 300 – 300 DPI etiketa	
DistributionChannel	Int	Type of transport service (1 – Parcel, 2 – Cargo)	Y
Position	Int	Determines the position of label in PDF file (one page A4 allows print 4 labels). Allowed values : 1, 2, 3, 4. For Format no. 5 “PDF for thermal printers” always use value 1.	

As response the GService returns the object LabelResponse

LabelResponse

Name	Type	Description	Mandatory
ShipmentNumbers	List< LabelItem >	List of objects LabelItem, which should be generated.	Y
LabelData	LabelData	In response are the data returned as array of bytes. Allowed formats : Format – 1 (PDF) - .pdf Format – 2 (EPL) - .txt Format – 3 (ZPL) - .txt Format – 4 (BMP) - .bmp Format – 5 (PDF) - .pdf	Y

An example of GetLabel method call

Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org/"
xmlns:gser="http://schemas.datacontract.org/2004/07/GService.Manager">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:GetLabel>
      <tem:Request>
        <gser:Header>
          <gser:CustomerCode>22054861</gser:CustomerCode>
          <gser:Language>EN</gser:Language>
          <gser:Password>wspwd</gser:Password>
        </gser:Header>
        <gser:RequestObject>
          <gser:DistributionChannel>1</gser:DistributionChannel>
          <gser:Format>1</gser:Format>
          <gser:Position>1</gser:Position>
          <gser:ShipmentNumbers>
            <gser:LabelItem>
              <gser:ShipmentNumber>02092425453</gser:ShipmentNumber>
            </gser:LabelItem>
          </gser:ShipmentNumbers>
        </gser:RequestObject>
      </tem:Request>
    </tem:GetLabel>
  </soapenv:Body>
</soapenv:Envelope>
```



Geis CZ s.r.o.
Zemská 211/I
337 01 Elpovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

E-mail: info@geis.cz
Internet: www.geis.cz
IČO: 44567359
DIČ: CZ44567359

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UniCredit Bank Czech Republic, a.s.

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**Response:**

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetLabelResponse xmlns="http://tempuri.org/">
      <GetLabelResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage/>
        <a:Request>
          <a:Header>
            <a:CustomerCode>22055482</a:CustomerCode>
            <a:Language>CZ</a:Language>
            <a:Password>wspass</a:Password>
          </a:Header>
          <a:RequestObject>
            <a:DistributionChannel>1</a:DistributionChannel>
            <a:Format>1</a:Format>
            <a:Position>1</a:Position>
            <a:Resolution>0</a:Resolution>
            <a:ShipmentNumbers>
              <a:LabelItem>
                <a:ShipmentNumber>02092425453</a:ShipmentNumber>
              </a:LabelItem>
            </a:ShipmentNumbers>
          </a:RequestObject>
        </a:Request>
        <a:ResponseObject>
          <a:LabelData>
            <a:LabelItemData>
              <a:Data>There will be the binary data</a:Data>
            </a:LabelItemData>
          </a:LabelData>
          <a:ShipmentNumbers i:nil="true"/>
        </a:ResponseObject>
        <a:Status>Processed</a:Status>
      </GetLabelResult>
    </GetLabelResponse>
  </s:Body>
</s:Envelope>
```

ListOfShipments

This method returns a list of shipments created for specific pickup date. Method has two input parameters, first is date of pickup (mandatory), the second parameter is identifier of the shipments group (BurstId - obligatory). Method returns list of shipments with an identifier of shipment type (order or expedition). If parameter BurstId is used, the method returns only the shipments with same value of BurstId.

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	ShipmentRequest	Instance of class ShipmentRequest	Y

ShipmentRequest

Name	Type	Description	Mandatory
DateExpOrOrder	DateTime	Date of order or expedition	Y
BurstId	String(50)	Identifier of shipments group	
Created	DateTime	Date of creation of order or expedition	





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ShipmentResponse

Name	Type	Description	Mandatory
ShipmentNumber	String	Number of shipment	Y
IsOrder	Bool	Identifier is i tis order or expedition	

An example of ListOfShipment method call:

Request :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org/"
xmlns:gser="http://schemas.datacontract.org/2004/07/GService.Manager">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:ListOfShipments>
      <tem:Request>
        <gser:Header>
          <gser:CustomerCode>22055158</gser:CustomerCode>
          <gser:Language>EN</gser:Language>
          <gser:Password>*****</gser:Password>
        </gser:Header>
        <gser:RequestObject>
          <gser:BurstId>666</gser:BurstId>
          <gser:DateExpOrOrder>2016-04-29</gser:DateExpOrOrder>
        </gser:RequestObject>
      </tem:Request>
    </tem:ListOfShipments>
  </soapenv:Body>
</soapenv:Envelope>
```

Response :

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <ListOfShipmentsResponse xmlns="http://tempuri.org/">
      <ListOfShipmentsResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage/>
        <a:Request i:nil="true"/>
        <a:ResponseObject>
          <a:ShipmentResponse>
            <a:IsOrder>false</a:IsOrder>
            <a:ShipmentNumber>3115000000254</a:ShipmentNumber>
          </a:ShipmentResponse>
          <a:ShipmentResponse>
            <a:IsOrder>false</a:IsOrder>
            <a:ShipmentNumber>3115000000255</a:ShipmentNumber>
          </a:ShipmentResponse>
          <a:ShipmentResponse>
            <a:IsOrder>false</a:IsOrder>
            <a:ShipmentNumber>3115000000256</a:ShipmentNumber>
          </a:ShipmentResponse>
        </a:ResponseObject>
        <a>Status>Processed</a>Status>
      </ListOfShipmentsResult>
    </ListOfShipmentsResponse>
  </s:Body>
</s:Envelope>
```



Geis CZ s.r.o.
Zemská 211/I
337 01 Ejovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

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DIČ: CZ44567359

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ShipmentStatus

Method returns status of shipment / shipments based on request. Statuses are equal with statuses of GClient in list of expeditions / orders. As input parameter method demands number / array numbers of shipment.

This method works only in case of shipment was established by GService.

Within this method, it is possible to identify multiple shipments at once. The limit is set to 200 parcels or cargo consignments in one method call.

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	ShipmentStatusRequest	Instance of class ShipmentStatusRequest	Y

List of states:

Code	Name
ROZ	In progress
DLV	Delivered
BCK	Back to consignor
PCK	Collected
NPC	Not collected
EGP	Export to L-WIS
CPD	Changing date of collection
ZGC	Processed in GCARGO
SGC	Canceled in GCARGO
NTI	For printing
TIS	Printed
ZPR	Processed
STO	Cancelled
SMA	Deleted
IGP	Import from GPACK
ZGP	Processed in GPACK
SGP	Canceled in GPACK

ShipmentStatusRequest

Name	Type	Description	Mandatory
ShipmentNumber		List of object of type ShipmentStatusItem, which includes array of ShipmentNumber	Y

ShipmentStatusResponse

Name	Type	Description	Mandatory
ShipmentNumber	String	Number of shipment	
StatusCode	String	Code of status	
StatusName	String	Name of status	



Geis CZ s.r.o.
Zemská 211/1
337 01 Ejovice
Czech Republic

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Telefax: +420 951 220 259

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*An example of ShipmentStatus method call***Request :**

```
< soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org/"
xmlns:gser="http://schemas.datacontract.org/2004/07/GService.Manager">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:ShipmentStatus>
      <tem:Request>
        <gser:Header>
          <gser:CustomerCode>22055158</gser:CustomerCode>
          <gser:Language>EN</gser:Language>
          <gser:Password>*****</gser:Password>
        </gser:Header>
        <gser:RequestObject>
          <gser:ShipmentsNumbers>
            <gser:ShipmentStatusItem>
              <gser:ShipmentNumber>02093000078</gser:ShipmentNumber>
            </gser:ShipmentStatusItem>
            <gser:ShipmentStatusItem>
              <gser:ShipmentNumber>02093000081</gser:ShipmentNumber>
            </gser:ShipmentStatusItem>
          </gser:ShipmentsNumbers>
        </gser:RequestObject>
      </tem:Request>
    </tem:ShipmentStatus>
  </soapenv:Body>
</soapenv:Envelope>
```

Response :

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <ShipmentStatusResponse xmlns="http://tempuri.org/">
      <ShipmentStatusResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage/>
        <a:Request i:nil="true"/>
        <a:ResponseObject>
          <a:ShipmentStatusResponse>
            <a:ShipmentNumber>02093000078</a:ShipmentNumber>
            <a:StatusCode>PCK</a:StatusCode>
            <a:StatusName>Collected</a:StatusName>
          </a:ShipmentStatusResponse>
          <a:ShipmentStatusResponse>
            <a:ShipmentNumber>02093000081</a:ShipmentNumber>
            <a:StatusCode>ZGP</a:StatusCode>
            <a:StatusName>Processed in GPACK</a:StatusName>
          </a:ShipmentStatusResponse>
        </a:ResponseObject>
        <a>Status>Processed</a>Status>
      </ShipmentStatusResult>
    </ShipmentStatusResponse>
  </s:Body>
</s:Envelope>
```





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GetPickupList

Method creates handover protocol in PDF format. The PDF format is the same as in application GClient. Shipments on handover protocol must not be real, that means the shipment must not have any operating status. As input parameter method accepts date of pickup of shipments (mandatory), type of transport (cargo x parcel - mandatory) and number / array of numbers of shipment (not mandatory). If there is any shipment number, the method returns all shipments with specific date of pickup.

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	PickupListRequest	Instance of class PickupListRequest	Y

PickupListRequest

Name	Type	Description	Mandatory
ExpeditionCreateDate	DateTime	Date of pickup	Y*
DistributionChannel	Int	Distribution channel (parcel =1, cargo = 2)	Y
ShipmentNumbers	List	List of object of type PickupListShipmItem, which includes the parameter ShipmentNumber	Y*

* Mandatory is to provide pickup-date or list of shipments

PickupListReponse

Name	Type	Description	Mandatory
PickupListData	Byte []	Array of bytes. Includes byte representation of the PDF handover protocol	

An example of GetPickupList method call

Request :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org/"
xmlns:gser="http://schemas.datacontract.org/2004/07/GService.Manager">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:GetPickupList>
      <tem:Request>
        <gser:Header>
          <gser:CustomerCode>22055158</gser:CustomerCode>
          <gser:Language>EN</gser:Language>
          <gser:Password>*****</gser:Password>
        </gser:Header>
        <gser:RequestObject>
          <gser:DistributionChannel>2</gser:DistributionChannel>
          <gser:ExpeditionCreateDate>2016-04-29T00:00:00</gser:ExpeditionCreateDate>
          <gser:ShipmentsNumbers>
            <gser:PickupListShipmItem>
              <gser:ShipmentNumber>8855000003296</gser:ShipmentNumber>
            </gser:PickupListShipmItem>
            <gser:PickupListShipmItem>
              <gser:ShipmentNumber>8855000003297</gser:ShipmentNumber>
            </gser:PickupListShipmItem>
          </gser:ShipmentsNumbers>
        </gser:RequestObject>
      </tem:Request>
    </tem:GetPickupList>
  </soapenv:Body>
</soapenv:Envelope>
```



Geis CZ s.r.o.
Zemská 211/I
337 01 Ejovice
Czech Republic

Telefon: +420 951 277 777
Telefax: +420 951 220 259

E-mail: info@geis.cz
Internet: www.geis.cz
IČO: 44567359
DIČ: CZ44567359

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**Response :**

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <GetPickupListResponse xmlns="http://tempuri.org/">
      <GetPickupListResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage/>
        <a:Request i:nil="true"/>
        <a:ResponseObject>
          <a:PickupListData>there will be binary data</a:PickupListData>
        </a:ResponseObject>
        <a:Status>Processed</a:Status>
      </GetPickupListResult>
    </GetPickupListResponse>
  </s:Body>
</s:Envelope>
```

DeleteShipment

Method for deleting shipments. This method is able to delete shipment, but only in case, that the shipments is not real (does not have any operating status) and belongs to the logged in customer. In addition, the shipment type order can be deleted at the latest on the day before the pickup date (until 24:00) and the pickup for the deleted order will be canceled at the same time. For merged shipments, it is only possible to cancel all of the merged shipments by canceling the superior mail. Subsequently, all merged shipments will be automatically canceled. The shipment can only be canceled from the "Processed in GPACK" status. See the [ShipmentStatus](#) method.

As input parameters method accepts number / array of numbers of shipment and type of transport (DistributionChannel - cargo x parcel). Method returns list of numbers of shipment and information if the shipment was deleted or not (true x false).

Within this method, multiple shipments can be deleted at once. The limit is set to 200 cargo consignments or 400 parcels in one call method.

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	DeleteShipmentRequest	Instance of class DeleteShipmentRequest	Y

DeleteShipmentRequest

Name	Type	Description	Mandatory
ShipmentsNumbers	List	List of object of type DeleteShipmentItem	



DelteShipmentItem

Name	Type	Description	Mandatory
ShipmentNumber	String	Number of shipment	Y
DistributionChannel	Int	Distribution channel	Y

DeleteShipmentResponse

Name	Type	Description	Mandatory
ShipmentNumber	String	Number of shipment	
IsStorno	Bit	Information, if the shipment was deleted or not	
DistributionChannel	Int	Distribution channel	

An example of DeleteShipment method call

Request :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org/"
xmlns:gser="http://schemas.datacontract.org/2004/07/GService.Manager">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:DeleteShipment>
      <tem:Request>
        <gser:Header>
          <gser:CustomerCode>22055158</gser:CustomerCode>
          <gser:Language>EN</gser:Language>
          <gser:Password>*****</gser:Password>
        </gser:Header>
        <gser:RequestObject>
          <gser:ShipmentsNumbers>
            <gser>DeleteShipmentItem>
              <gser:DistributionChannel>2</gser:DistributionChannel>
              <gser:ShipmentNumber>3115000000251</gser:ShipmentNumber>
            </gser>DeleteShipmentItem>
            <gser>DeleteShipmentItem>
              <gser:DistributionChannel>2</gser:DistributionChannel>
              <gser:ShipmentNumber>3115000000235</gser:ShipmentNumber>
            </gser>DeleteShipmentItem>
          </gser:ShipmentsNumbers>
        </gser:RequestObject>
      </tem:Request>
    </tem>DeleteShipment>
  </soapenv:Body>
</soapenv:Envelope>
```

Response :

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <DeleteShipmentResponse xmlns="http://tempuri.org/">
      <DeleteShipmentResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode>0000</a:ErrorCode>
        <a:ErrorMessage/>
        <a:Request i:nil="true"/>
        <a:ResponseObject>
          <a:ShipmentsNumbers>
            <a>DeleteShipmentItemResponse>
              <a:IsStorno>true</a:IsStorno>
              <a:ShipmentNumber>3115000000251</a:ShipmentNumber>
            </a>DeleteShipmentItemResponse>
          </a:ShipmentsNumbers>
        </a:ResponseObject>
      </DeleteShipmentResult>
    </DeleteShipmentResponse>
  </s:Body>
</s:Envelope>
```



Geis CZ s.r.o.
Zemská 211/I
337 01 Ejovice
Czech Republic
Telefon: +420 951 277 777
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```

</a:DeleteShipmentItemResponse>
<a:DeleteShipmentItemResponse>
  <a:IsStorno>false</a:IsStorno>
  <a:ShipmentNumber>3115000000235</a:ShipmentNumber>
</a:DeleteShipmentItemResponse>
</a:ShipmentsNumbers>
</a:ResponseObject>
<a:Status>Processed</a:Status>
</DeleteShipmentResult>
</DeleteShipmentResponse>
</s:Body>
</s:Envelope>

```

RangeDetail

Method to find out the details about the number ranges that customer has assigned. The input parameters for the method are customer logins credentials, type of transport service and type of transport.

Request

Name	Type	Description	Mandatory
Header	RequestHeader	Header of request	Y
RequestObject	RangeDetailRequest	Instance of class RangeDetailRequest	Y

RangeDetailRequest

Name	Type	Length	Description	Mandatory
DistributionChannel	Int	1	Type of transport service (1 – Parcel, 2 – Cargo)	Y
TransportType	Int	1	Type of transport (1- national, 2- international)	Y*

* parameter is required only for parcel transport. For cargo transport must be deleted from request.

Response

Name	Type	Description
Request	Request	Input data for the called method (it is set only in case it end with an error)
ResponseObject	RangeDetail	Information about number ranges
ErrorMessage	String	Error message
ErrorCode	String	Error code (list of error codes is here)
Status	ResponseStatus	Status of method processing

RangeDetail

Name	Type	Description
AssignAllowed	Boolean	Specified whether you can assign a new number range
AssignRangeLimit	String	Limit for AssigningRange method
RangeDetailItem	List< RangeDetailItem >	List of number ranges



*RangeDetailItem*

Název	Type	Description
LastUsedNumber	String	Last used number from range
RangeHigh	String	Upper limit of range
RangeLow	String	Lower limit of range
RemainingNumber	String	Number of remaining numbers from range

*An example of RangeDetail method call***Request:**

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org/"
xmlns:gser="http://schemas.datacontract.org/2004/07/GService.Manager">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:RangeDetail>
      <tem:Request>
        <gser:Header>
          <gser:CustomerCode>22107210</gser:CustomerCode>
          <gser:Language>EN</gser:Language>
          <gser:Password>*****</gser:Password>
        </gser:Header>
        <gser:RequestObject>
          <gser:DistributionChannel>1</gser:DistributionChannel>
          <gser:TransportType>1</gser:TransportType>
        </gser:RequestObject>
      </tem:Request>
    </tem:RangeDetail>
  </soapenv:Body>
</soapenv:Envelope>
```

Response:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <RangeDetailResponse xmlns="http://tempuri.org/">
      <RangeDetailResult xmlns:a="http://schemas.datacontract.org/2004/07/GService.Manager"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:ErrorCode i:nil="true"/>
        <a:ErrorMessage/>
        <a:Request i:nil="true"/>
        <a:ResponseObject>
          <a:AssignAllowed>false</a:AssignAllowed>
          <a:AssignRangeLimit>2000</a:AssignRangeLimit>
          <a:RangeDetailItem>
            <a:RangeDetailResponseItem>
              <a:LastUsedNumber>02051026905</a:LastUsedNumber>
              <a:RangeHigh>02051026996</a:RangeHigh>
              <a:RangeLow>02051026897</a:RangeLow>
              <a:RemainingNumbers>88</a:RemainingNumbers>
            </a:RangeDetailResponseItem>
            <a:RangeDetailResponseItem>
              <a:LastUsedNumber/>
              <a:RangeHigh>02051027096</a:RangeHigh>
              <a:RangeLow>02051026997</a:RangeLow>
              <a:RemainingNumbers>100</a:RemainingNumbers>
            </a:RangeDetailResponseItem>
            <a:RangeDetailResponseItem>
              <a:LastUsedNumber/>

```





```
<a:RangeHigh>02051027196</a:RangeHigh>
<a:RangeLow>02051027097</a:RangeLow>
<a:RemainingNumbers>100</a:RemainingNumbers>
</a:RangeDetailResponseItem>
<a:RangeDetailResponseItem>
  <a:LastUsedNumber/>
  <a:RangeHigh>02051027296</a:RangeHigh>
  <a:RangeLow>02051027197</a:RangeLow>
  <a:RemainingNumbers>100</a:RemainingNumbers>
</a:RangeDetailResponseItem>
</a:RangeDetailItem>
</a:ResponseObject>
<a:Status>Processed</a:Status>
</RangeDetailResult>
</RangeDetailResponse>
</s:Body>
</s:Envelope>
```

