**Web Service**

**“Create Party”**

Detailed Technical Specification

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**Document Control Information**

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**References**

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**Introduction**

This document and all the rules defined in it apply to GraphTalk A.I.A version 4.40 delivered to LaLux. Any customization of these activities in order to support LaLux’s requirements will also be described (where applicable) on the following pages.

This document is intended for:

* A.I.A business analyst and technical architects
* A.I.A architects who will produce technical designs for the related developments.
* A.I.A and Client test teams, which should verify and validate that the system functions according to what was agreed in the scope

1. Requirements Overview
   1. Scope

The present document describes the “Create Party” Web Service which will be used to transfer the person or organization, defined in “PROdige” web application, into LaLux back Office system- AIA as a person or an organization. The service will correspond to AIA business process for “Create Party“.

The service will launch and stop on “Addresses” task in A.I.A. business activity “Create Party”. In case of error the web service will return an error code and description of the error occurred and leave pending activity in AIA on the task where error occured. In both cases – success or fail a pending activity will be available in AIA to be finalized or aborted by back office user.

Only creation of a person or an organization with their phones, postal address, e-mails and bank accounts will be implemented as part of Sprint 2 release.

The service functionality will include creation of the following thinks:

* Personal information
* Organization information
* Phones
* e-mail
* Postal Address
* Bank account
  1. Business requirements

|  |  |  |  |
| --- | --- | --- | --- |
| *#* Req | Business Process | Requirement Title | Requirement Description |
|  | Create Party |  | Create Web Service which will transfer data from person/organization, created in PROdige web interface, into LaLux back office system – AIA. |
|  | Create Party |  | Execution of the web service will not perform automatic validation of corresponding business activity “Create Party”. |
|  | Create Party |  | The web service will cover only person/organization and their contact information listed in section 1.1 Scope |
|  | Create Party |  | In case of successful execution of the service as result a pending activity “Create Person” should remain in A.I.A. on step “Addresses”. |
|  | Create Party |  | In case of unsuccessful execution of the web service as result a pending activity should remain in A.I.A. on the step where the error occurs. Web service will return the error to requester application. |
|  | Create Party |  | All documents generated on validation of the online activity have to be generated also when it is executed via Web service |

* 1. Out of Scope of this Technical Design

|  |  |  |  |
| --- | --- | --- | --- |
| *#* Req | Business Process | Requirement Title | Requirement Description |
|  | Create Party |  | The information not listed in section Scope will be out of scope for this web service. |
|  |  |  |  |

1. AIA Web Service – “PartyCreate”
   1. Web Service ID

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Name | From | To | Mode | Media | **Volume Average per day** | **Volume Maximum per day** |
| PartyCreate | Create Party | Customer PROdige | GT A.I.A | On line | Web service | N/A | N/A |

* 1. AIA Business Activity

Business activity “Create Party”.

* 1. Triggering Event

This web service will be triggered by web application “PROdige”. At the moment when client decide to add a person or an organization, the Lalux commercial is sending this party data to be stored in A.I.A. database as a person or an organization .

* 1. Input Data Flows

Input data description



|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **Mandatory** |
| Environment | Technical parameter describing an environment. | Yes |
| Person | Data Dictionary entity describing different attributes and sub entities necessary for creation of coverage receipt in A.I.A. | No |
| Organization | Data Dictionary entity describing different attributes and sub entities necessary for creation of coverage receipt in A.I.A. | No |
| WMActivity |  | Yes |

The input parameters are described as part of each AIA activity Step

* 1. Output Data Flows

Output data description



|  |  |
| --- | --- |
| **Parameter** | **Description** |
| ReturnStatus | Technical parameter (web service status, error list, etc. ) in entity WMStatus of Data Dictionary |
| Person | Identifier of the created person. |
| Organization | Identifier of the created organization. |
| WMActivity | Identifier and a key of the activity. |

* 1. Exception management

N/A

* 1. Web Service Parameterisation

|  |  |
| --- | --- |
| Identifier | PartyCreate |
| Label | Create Party |
| Service Type | Create complex web services (activity mode) |
| WM Profile | TBD |

* 1. Web Service WSDL



* 1. Test Cases

Here is the list of test cases related to this Web Service.

* + 1. Create Test Cases

|  |  |  |  |
| --- | --- | --- | --- |
| **Label** | **Description** | **Input XML Flow** | **Expected XML response** |
| ***TestCase1*** | *Pre-requirement* – N/A  *Test* – creation Person with correct data for all fields (names, date of birth, gender, GC printing, language) and contact data (e-mail, bank account, phones, address).  *Expected result -* WM\_SUCCESS – return number of created Person. |  |  |
| ***TestCase2*** | *Pre-requirement* – N/A  *Test* – creation Person with correct data for all fields (names, date of birth, gender, GC printing, language) and contact data (e-mail, bank account, phones).  Missing information – postal address  *Expected result -* WM\_SUCCESS – return number of created Person. |  |  |
| ***TestCase3*** | *Pre-requirement* – N/A  *Test* – creation Person with correct data for all fields (names, date of birth, GC printing, language) and contact data (postal address).  Missing information – phones, bank account, e-mail, gender  *Expected result -* WM\_SUCCESS – return number of created Person. |  |  |
| ***TestCase4*** | *Pre-requirement* – N/A  *Test* – creation Person with correct data for all fields (names, date of birth, GC printing, language) and contact data (postal address, e-mail).  Missing information – postal address, phones, bank account, e-mail, gender  *Expected result -* WM\_SUCCESS – return number of created Person. |  |  |
| ***TestCase5*** | *Pre-requirement* – N/A  *Test* – creation Person with correct data for all fields (names, gender) and no contact data.  Missing information – phones, bank account, date of birth, language, GC printing  *Expected result -* WM\_SUCCESS – return number of created Person. But have got a message “Date of birth is missing, it will be forced to 00/00/0000 if you continue”. |  |  |
| ***TestCase6*** | *Pre-requirement* – N/A  *Test* – creation Organization with correct data for all fields (legal name, language, GC printing) and contact data (postal address, e-mail, phones, bank account).  Missing information – no  *Expected result -* WM\_SUCCESS – return number of created Organization. |  |  |
| ***TestCase7*** | *Pre-requirement* – N/A  *Test* – creation Organization with correct data for all fields (legal name, language, GC printing) and contact data (postal address, phones, bank account).  Missing information – e-mail  *Expected result -* WM\_SUCCESS – return number of created Organization. |  |  |
| ***TestCase8*** | *Pre-requirement* – N/A  *Test* – creation Organization with correct data for all fields (legal name) and contact data (postal address, phones).  Missing information – e-mail, bank account, language, GC printing  *Expected result -* WM\_SUCCESS – return number of created Organization. |  |  |

1. Business Activity – “Create Party”
3. 1. Preconditions
      1. Application rules

|  |  |  |
| --- | --- | --- |
| **Formula Level** | **Formula Label** | **Formula Documentation** |
|  |  |  |

* 1. Authorisations

GraphTalk A.I.A allows for authorisation rules to be defined at activity level, including who has the rights to view the activity (read), process the activity (execute) and cancel the activity.

Authorisation override

As part of the authorisation rules mentioned in Section 3.2, it is also possible in GraphTalk A.I.A to define if a step (or steps) in the activity requires review or validation by a supervisor or another user.

For LaLux there is not validation stamp defined on activity “Create Party”.

* 1. Steps
     1. Step « Activity Request»

#### Description

This is an invisible step in which the system identifies the activity.

#### Updates

Description of classes, methods and fields updated as part of current implementation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Update/New** | **Comments** | **Standard/**  **Specific** |
| $baparty: cc\_dflt\_party\_actvty\_reqst | Class | Update |  | Specific |
| input\_parameter\_xml/2 | method | update | Generated | Standard |
| post\_action/0 | method | update | Manual | Standard |
| get\_business\_service\_class/2 | method | update | Generated | Standard |
| describe\_xml/2 | method | update | Generated | Standard |
| describe\_in/2 | method | update | Generated | Standard |
| process/0 | method | update | Manual | Standart |
| $service: i\_cc\_dflt\_party\_actvty\_reqst | Class | Update |  | Standard |
| describe\_input/1 | method | update | Generated | Standard |
| describe\_output/1 | method | update | Generated | Standard |
| $service: cc\_dflt\_party\_actvty\_reqst | class | update |  | Standard |
| describe\_input/2 | method | update | Generated | Standard |
| describe\_output/2 | method | new | Generated | Standard |
| describe\_xml/2 | method | update | Generated | Standard |
| describe\_input/1 | method | update | Generated | Standard |
| describe\_output/1 | method | update | Generated | Standard |
| describe\_result/1 | method | update | Generated | Standard |

The Type can be – class, method, field, enumerate … etc.

#### Data Dictionary

N/A

#### Task Input Data

The details of the input parameters are described in the following table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Tag** | **Description** | **Mandatory** | **Type** |
| WMActivity |  |  |  |
| /Identifier | Identifier of the activity | Yes | String |
| /Key | Key of the activity | Yes | String |
| Person |  |  |  |
| /LastName | Last name of the person | No | String |
| Organization |  |  |  |
| /LegalName | Name of company | No | String |

* + 1. Step « Create Party  »

#### Description

This step is used to define details of the person or the organization.

#### Updates

Description of classes, methods and fields updated as part of current implementation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Update/New** | **Comments** | **Standard/**  **Specific** |
| $service: i\_cc\_party\_create\_update | Class | Update |  | Standard |
| describe\_input/1 | Method | Update | Generated | Standard |
| describe\_output/1 | Method | Update | Generated | Standard |
| $service: cc\_party\_create\_update | Class | new |  | Standard |
| describe\_input/1 | Method | Update | Generated | Standard |
| describe\_input/2 | Method | Update | Generated | Standard |
| describe\_output/1 | Method | Update | Generated | Standard |
| describe\_xml/2 | Method | Update | Generated | Standard |
| $baparty: cc\_party\_create\_update | Class | Update |  | Standard |
| describe\_xml/2 | Method | Update | Generated | Standard |
| describe\_in/2 | Method | Update | Generated | Standard |
| get\_business\_service\_class/2 | Method | Update | Generated | Standard |
| get\_context/1 | Method | New | Manual | Standard |
| input\_parameter\_xml/4 | Method | Update | Manual | Standard |

The Type can be – class, method, field, enumerate … etc.

#### Data Dictionary

|  |  |  |  |
| --- | --- | --- | --- |
| **EnumerationType** | **ValueDomain** | **Reference** | **STANDARD/SPECIFIC** |
| GC printing | ext\_gc\_printing = true | $prsnorg:cp\_prsn\_org.imp\_dg | SPECIFIC |
| GC printing | ext\_gc\_printing = false | $prsnorg:cp\_prsn\_org.imp\_dg | SPECIFIC |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Entity Name | EntryName | Reference | DataType | Standard/Specific |
| Party | ExtGcPrinting | GC printing | Boolean | SPECIFIC |

#### Task Input Data

The details of the input parameters are described in the following table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Tag** | **Description** | **Mandatory** | **Type** |
| /Person | Cover note’s details |  |  |
| /BirthCountryCode | Not used by PRODige. Added for consistency with WS PersonCreate | No | String |
| /BirthDate | A code identifying the country of birth of the person. | No | date |
| /ExtGcPrinting | GC printing | No | boolean |
| /FirstName | The given name, first name, Christian name or moniker of the person | Yes | string |
| /Gender | A code identifying the gender of the person | No | enum |
| /Language | The person's preferred language for document printing, phone contacts, etc. | No | string |
| /LastName | The name used by an individual as surname, family name, birth name. | Yes | string |
| /MaritalStatus | Not used by PRODige. Added for consistency with WS PersonCreate | No | enum |
| /PartnerName | Not used by PRODige. Added for consistency with WS PersonCreate | No | string |
| /PersonTitle | Not used by PRODige. Added for consistency with WS PersonCreate | No | enum |
| /Salutation | Not used by PRODige. Added for consistency with WS PersonCreate | No | string |
| /Organization | Cover note’s details |  |  |
| /ExtGcPrinting | GC printing | No | boolean |
| /Language | The person's preferred language for document printing, phone contacts, etc. | No | string |
| /LegalName | The legal name of an organization | Yes | string |
| /OrganizationTitle | The type of Organization, default value (Other) | No | string |

* + 1. Step « Addresses »

#### Description

This step is used to define addresses details of the person or the organization like e-mail, phones, postal address and bank account.

#### Updates

Description of classes, methods and fields updated as part of current implementation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element name** | **Type** | **Update/New** | **Comments** | **Standard/**  **Specific** |
| $service: i\_cc\_party\_addrs | Class | Update |  | Standard |
| describe\_input/1 | Method | Update | Generated | Standard |
| describe\_output/1 | Method | Update | Generated | Standard |
| $service: cc\_party\_addrs | Class | new |  | Standard |
| describe\_input/2 | Method | Update | Generated | Standard |
| describe\_xml/2 | Method | Update | Generated | Standard |
| $baparty: cc\_party\_addrs | Class | Update |  | Standard |
| describe\_xml/2 | Method | Update | Generated | Standard |
| describe\_in/2 | Method | Update | Generated | Standard |
| get\_business\_service\_class/2 | Method | Update | Generated | Standard |
| get\_exception\_dtl/1 | Method | Update | Manual | Standard |
| input\_parameter\_xml/4 | Method | Update | Manual | Standard |
| bank\_addr\_xml/2 | Method | New | Manual | Standard |
| email\_addr\_xml/2 | Method | New | Manual | Standard |
| phone\_addr\_xml/2 | Method | New | Manual | Standard |
| postal\_addr\_xml/2 | Method | New | Manual | Standard |
| verify\_parameter/0 | Method | New | Manual | Standard |
| $banewbus: msg\_nonlife | Message theme | Update |  | Standard |
| ws\_injection\_success | Message | New | Manual | Standard |

The Type can be – class, method, field, enumerate … etc.

#### Data Dictionary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Entity Name | EntryName | Reference | DataType | Standard/Specific |
| Address | ExtPkey | Pkey | String | SPECIFIC |

#### Task Input Data

The details of the input parameters are described in the following table below.



|  |  |  |  |
| --- | --- | --- | --- |
| **Tag** | **Description** | **Mandatory** | **Type** |
| /Person | Cover note’s details |  |  |
| /BankAccountList | Bank account’s list | Yes |  |
| /BankAccount | Bank account | No |  |
| /BIC | Not used by PRODige. Added for consistency with WS BancAddressCreate | No | string |
| /CountryCode | Not used by PRODige. Added for consistency with WS BancAddressCreate | No | string |
| /IBAN | International Bank Account Number (IBAN) | Yes | string |
| /EMailAddressList | e-mail’s list | Yes |  |
| / EMailAddress | A code identifying the gender of the person | No |  |
| /AddressCategory | Not used by PRODige. Added for consistency with WS EmailAddressCreate | No | enum |
| /Text | The electronic mailbox of the party | Yes | string |
| /PhoneAddressList | Phone’s list | Yes |  |
| /PhoneAddress | Phone data | No |  |
| /AddressCategory | Not used by PRODige. Added for consistency with WS PhoneAddressCreate | No | enum |
| /CountryCode | A code indicating the country of the address. | Yes | string |
| /PhoneNumber | The primary telephone number. | Yes | string |
| /PhoneType | The type of telephone number. | Yes | string |
| /PostalAddressList | Postal Address’s list | Yes |  |
| /PostalAddress | Postal address data | No |  |
| /AddressCategory | Not used by PRODige. Added for consistency with WS PostalAddressCreate | No | enum |
| /CityName | The name of the city of the postal address. | Yes | string |
| /CountryCode | A code indicating the country of the address. | Yes | string |
| /PostalCode | The postal code for European addresses and the zip code for US addresses. | Yes | string |
| /Preferred | Not used by PRODige. Added for consistency with WS PostalAddressCreate | No | boolean |
| /Street | The name of the street | Yes | string |
| /StreetNumber | The number of the street | Yes | string |
| / StreetNumber2 | Second street number | No | String |
| /Organization | Cover note’s details |  |  |
| /BankAccountList | Bank account’s list | Yes |  |
| /BankAccount | Bank account | No |  |
| /BIC | Not used by PRODige. Added for consistency with WS BancAddressCreate | No | string |
| /CountryCode | Not used by PRODige. Added for consistency with WS BancAddressCreate | No | string |
| /IBAN | nternational Bank Account Number (IBAN) | Yes | string |
| /EMailAddressList | e-mail’s list | Yes |  |
| / EMailAddress | A code identifying the gender of the person | No |  |
| /AddressCategory | Not used by PRODige. Added for consistency with WS EmailAddressCreate | No | enum |
| /Text | The electronic mailbox of the party | Yes | string |
| /PhoneAddressList | Phone’s list | Yes |  |
| /PhoneAddress | Phone data | No |  |
| /AddressCategory | Not used by PRODige. Added for consistency with WS PhoneAddressCreate | No | enum |
| /CountryCode | A code indicating the country of the address. | Yes | string |
| /PhoneNumber | The primary telephone number. | Yes | string |
| /PhoneType | The type of telephone number. | Yes | string |
| /PostalAddressList | Postal Address’s list | Yes |  |
| /PostalAddress | Postal address data | No |  |
| /AddressCategory | Not used by PRODige. Added for consistency with WS PostalAddressCreate | No | enum |
| /CityName | The name of the city of the postal address. | Yes | string |
| /CountryCode | A code indicating the country of the address. | Yes | string |
| /PostalCode | The postal code for European addresses and the zip code for US addresses. | Yes | string |
| /Preferred | Not used by PRODige. Added for consistency with WS PostalAddressCreate | No | boolean |
| /Street | The name of the street | Yes | string |
| /StreetNumber | The number of the street | Yes | string |
| / StreetNumber2 | Second street number | No | String |

1. Parameterisation
2. Appendix
3. Glossary

A.I.A. - LaLux back office application

“PROdige” – front end web application which will use NewBusiness web service for creation of contracts in A.I.A