SV Сore services

Webservice Specification

2017

PREFACE

* 1. Revision history

| Revision | Date | Author | Details |
| --- | --- | --- | --- |
| 1.0 | 25.05.2017 | Ivan Kazakov | Initial document creation |
| 1.1 | 01.06.2017 | Ivan Kazakov | Name and description lists are added for institutions, name lists are added for agents |
| 1.2 | 10.07.2017 | Ivan Kazakov | Contact type is added |
| 1.3 | 24.07.2017 | Y. Kolodkina | Added new methods: get card types method and get service types method |
| 1.4 | 26.11.2018 | Artem Alalykin | New web-service to load an operation in SVXP |
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|  |  |  |  |

1. get agents METHOD
   1. request

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getAgentsRequest | | | | |
| lang | string | 8 | 0-1 | Language selector, data in all available languages will be returned if unspecified |

* 1. response

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getAgentsResponse | | | | |
| agent | Agent | - | 0-\* | Agent entry |
| **Agent** | | | | |
| id | string | - | 1-1 | Agent identifier |
| instId | string | - | 1-1 | Agent’s institution identifier |
| seqnum | string | - | 1-1 | Sequence number |
| parentId | string | - | 0-1 | Parent agent identifier |
| agentType | dictEntryType | - | 0-1 | Agent type |
| isDefault | boolean | - | 1-1 | Default agent flag |
| agentNumber | string | - | 1-1 | Agent number |
| name | langNameType | - | 1-\* | List of agent’s names in available languages |
| contact | contactType | - | 0-\* | List of contacts |
| dictEntryType | | | | |
| code | string | 8 | 1-1 | Dictionary item code |
| name | langNameType | - | 1-\* | Dictionary item names |
| **langNameType** | | | | |
| lang | string | 8 | 1-1 | Language code |
| name | string | - | 1-1 | Item’s name or text |
| **contactType** | | | | |
| contactType | symbolCodeType | - | 1-1 | Contact type code |
| contactData | contactDataType | - | 1-\* | List of contacts |
| **contactDataType** | | | | |
| communMethod | symbolCodeType | - | 1-1 | Communication method code |
| communAddress | string | - | 1-1 | Communication address |

1. get institutions method
   1. request

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getInstitutionsRequest | | | | |
| lang | string | 8 | 0-1 | Language selector, data in all available languages will be returned if unspecified |

* 1. response

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getInstitutionsResponse | | | | |
| institution | Institution | - | 0-\* | Institution entry |
| **Institution** | | | | |
| id | string | - | 1-1 | Institution identifier |
| seqnum | string | - | 1-1 | Sequence number |
| parentId | string | - | 0-1 | Parent institution identifier |
| network | Network | - | 0-\* | Institution’s networks |
| instType | dictEntryType | - | 0-1 | Institution type |
| name | langNameType | - | 1-\* | List of institution’s names in available languages |
| description | langNameType | - | 0-\* | List of institution’s descriptions in available languages |
| **Network** | | | | |
| id | string | - | 1-1 | Network identifier |
| seqnum | string | - | 1-1 | Sequence number |
| instId | string | - | 1-1 | Associated institution identifier |
| binTableScanPriority | string | - | 1-1 | Scan priority |
| name | langNameType | - | 1-1 | Network name |

1. get card types method
   1. request

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getCardTypesRequest | | | | |
| lang | string | 8 | 0-1 | Language selector, data in all available languages will be returned if unspecified |

* 1. response

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getCardTypesResponse | | | | |
| cardType | cardType | - | 0-\* | Card type entry |
| **CardType** | | | | |
| id | string | - | 1-1 | Card type identifier |
| networkId | string | - | 1-1 | Card type network |
| parentId | string | - | 0-1 | Parent card type identifier |
| name | langNameType | - | 1-\* | List of card type’s names in available languages |
| cardType | cardType | - | 0-\* | Child card types of this card type |
| **langNameType** | | | | |
| lang | string | 8 | 1-1 | Language code |
| name | string | - | 1-1 | Item’s name or text |

1. get service types method
   1. request

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getServiceTypesRequest | | | | |
| lang | string | 8 | 0-1 | Language selector, data in all available languages will be returned if unspecified |

* 1. response

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| getServiceTypesResponse | | | | |
| serviceType | serviceType | - | 0-\* | Service type entry |
| **ServiceType** | | | | |
| id | string | - | 1-1 | Service type identifier |
| productType | string | - | 1-1 | Product type of service type. Values are taken from the dictionary PRDT. |
| entityType | string | - | 1-1 | Entity type of service type. Values are taken from the dictionary ENTT. |
| name | langNameType | - | 1-\* | List of service type’s names in available languages |
| **langNameType** | | | | |
| lang | string | 8 | 1-1 | Language code |
| name | string | - | 1-1 | Item’s name or text |

1. export orders method
   1. request

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| export\_orders\_request | | | | |
| inst\_id | int | 4 | 1 | Institution ID |
| purpose\_id | int | 8 | 0-1 | ID of payment order purpose |
| pmo\_status\_change\_mode | string | 8 | 0-1 |  |
| max\_count | int |  | 0-1 |  |
|  |  |  |  |  |

* 1. response

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| payment\_orders\_response | | | | |
| inst\_id | int | 4 | 0-1 | Institution ID |
| file\_date | Date |  | 0-1 | File date |
| file\_number | string | 16 | 0-1 | File number |
| payment\_order | payment\_order |  | 1-\* | Information about payment orders |
| payment\_order | | | | |
| order\_id | long | 16 | 1-1 | Payment order id |
| customer\_number | String | 200 | 1-1 | Customer number |
| amount | amount |  | 1-1 | Amount of payment order |
| currency | string | 3 | 1-1 | Currency |
| order\_date | date |  | 1-1 | Date of payment order |
| purpose\_id | int | 8 | 0-1 | ID of payment order purpose |
| parameter | parameter |  | 0-\* | Payment order response code (PORC dictionary) |
| parameter | | | | |
| param\_name | String | 200 | 1-1 | Payment order parameter name |
| param\_value | string | 2000 | 1-1 | Payment order parameter value |

1. export orders method
   1. request

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| import\_order\_responses\_request | | | | |
| order\_id | long | 16 | 1 | Order ID |
| amount | long | 16 | 1 | Amount |
| currency | string | 8 | 1 | Currency |
| resp\_code | string | 8 | 1 | Response code |
|  |  |  |  |  |

* 1. response

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| import\_order\_responses\_response | | | | |
| Returns “1” | | | | |

1. Create operations method
   1. request

Incoming request should be based on XSD-scheme [svxp\_svfe\_clearing](http://gitlab.bt.bpc.in/BackOffice/spec/blob/future/SmartVista%20FrontEnd/svxp_svfe_clearing.xsd).

* 1. response

| Tag name | Data type | Size | Quantity | Description |
| --- | --- | --- | --- | --- |
| operationResponse | | | | |
| oper\_id | long | 16 | 0-1 | Created operation ID |
|  |  |  |  |  |