

ABPPOL:APIDOCS v0.9

From SDU

WERSJA DO 1.5.10, DO SPRAWDZENIA PRZED
WYPUSZCZENIEM DO KLIENTA

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 - 1.8.10.3 Response

Version 0.9

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Overview

The Applan Business Platform API (ABP API) is the API interface designed to help third party organizations to build their own custom solutions working with ABP engine. API works on HTTP stack with JSON payloads.

Security

Security is based on:

- Basic authentication (HTTP specification) for service account.

- Custom HTTP header for user account.
- Secure transport protocol (HTTPS).

All API requests must include information about:

- Service account (username:password) placed in “Authorization” HTTP header. Service account is bound to client organization using API.
- User name placed in “X-UserName” HTTP custom header. All business operations perform on behalf of specified user (e.g. jankowski). No password is required.

ABP API is protected by the same restrictions are provided via standard web interface. This means that if you log in and do not have permission to view something against standard web interface, you will not be able to view it using the ABP API either.

Supplying authentication headers

If you need to you may construct and send basic auth headers yourself. To do this you need to perform the following steps:

1. Build a string of the form username:password
2. Base64 encode the string
3. Supply the “Authorization” header with content “Basic” followed by the encoded string. For example, the string fred:fred encodes to YWJwcG9sYWRTaW5AZGNzbmV0LmRjcy5wbDokcmZ2Ymd0NTZ5aE4= in base64, so you would make the request as follows.
4. Supply the “X-UserName” header with user name (plain text)

```
curl -X GET --header 'Accept: application/json' --header 'Authorization: Basic YWJwcG9sYWRTaW5AZGNzbmV0LmRjcy5wbDokcmZ2Ymd0NTZ5aE4=' --header 'X-UserName: jankowski' 'http://XXX/ABPWebApi/api/Calculations/Get'
```

Common Datatypes

Following datatypes are used:

Data Type	Description
Boolean	Logical value: "TRUE" or "FALSE".
Integer/Number	Integer types: "100", "1000" and so on.
String	Any text: "PL 1234"
Double	Floating Point Number: "10.11"
Array[type]	Array of any other type: Array[string] : ["A123", "B234"]
EnumText	Text from list of allowed values.
Money	Complex type for money (both amount and currency)
Date	Date/Datetime in one of following formats: "2000-12-30" for dates "2000-12-30T11:45:60.888" for date and time.

Money property	Description
Amount	Amount value: Decimal "500000.00"
Currency	Text: "PLN", "EUR"

API Operations

Introduction

This is a draft specification of ABP API. This API could be used for two main operation – calculation insurance cost as well as for process sales (creating new policies). For calculation operations reader should use part 1.2 and 1.3 of this document. For sales operations reader should use part 1.2 and 1.4 of this document.

Service	Operations
Dictionaries	GetPaymentTypes
	GetVehicleAttributeHierarchy
	GetAllEnumValues
Products	Search
	Get
Calculations	GetTemplate
	Calculate
Sales	SearchPolicy
	GetPolicyDetails
	GetOfferTemplate
	SaveOffer
	CreateAnnexOffer
	SaveAnnexOffer
	CreatePolicy
Prints	Get

Remarks

- All methods must be invoked as HTTP POST requests.
- Every request payload must be serialized to JSON text
- Every response is modeled as object Result:

```
Result {  
    Data (ResultData, optional),  
    ResultCode (string) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],  
    Errors (Array[Error], optional)  
}  
  
Error {  
    ErrorCode (string, optional),  
    ErrorText (string, optional)  
}
```

where **ResultData** is result object which is specific to given request.

Dictionaries

GetPaymentTypes

Description

Returns all string that could be used as type in payment types.

Request URL

```
http://XXX/api/Dictionaryes/GetPaymentTypes
```

Request

REQUEST MODEL

Does not have.

PARAMETERS

Does not have.

EXAMPLE REQUEST

Does not have

Response

RESPONSE MODEL

```
Result[String[],Error] {  
  Data (Array[string], optional, read only),  
  ResultCode (string, optional, read only) = ['Success', 'ValidationError', 'SecurityError',  
    ServerError'],  
  Errors (Array[Error], optional, read only)  
}
```

PARAMETERS

Does not have.

RESPONSE EXAMPLE

```
["Cash", "Transfer", "TransferDeferred", "CashOnDelivery", "TransferToClient"]
```

GetVehicleAttributeHierarchy

Description

Returns hierarchy of attributes for vehicle

Request URL

```
http://XXX/api/Dictionaryes/GetVehicleAttributeHierarchy
```

Request

REQUEST MODEL

Does not have.

PARAMETERS

Does not have.

EXAMPLE REQUEST

Does not have

Response

RESPONSE MODEL

```
Result {
  Data (Array(AttributeHierarchyValue, optional),
  ResultCode (string) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],
  Errors (Array[Error], optional)
}

AttributeHierarchyValue {
  AttributeId (Guid),
  Name(string),
  Value(string),
  Children(Array(AttributeHierarchyValue))
}
```

PARAMETERS

Does not have.

RESPONSE EXAMPLE

Part of example.

```
{
  "Data": [
    {
      "AttributeId": "06952754-1beb-45b4-a507-4c26bc94cb1c",
      "Name": "MARKA",
      "Value": "SSANGYOUNG",
      "Children": [
        {
          "AttributeId": "548148c2-9aeb-4167-a6c7-ea8ae26aedd",
          "Name": "MODEL",
          "Value": "XK TIVOLI",
          "Children": [
            {
              "AttributeId": "34dae477-a571-4c06-ae5b-f6d1b8fa67e4",
              "Name": "POJEMNOŚĆ [CCM]",
              "Value": "1597",
              "Children": [
                {
                  "AttributeId": "3d2867d4-ae27-4795-a3ac-f05c1676c88c",
                  "Name": "MOC SILNIKA [KW]",
                  "Value": "94,1",
                  "Children": [
                    {
                      "AttributeId": "27d74c45-07c2-4489-ad00-053ffa48fa69",
                      "Name": "RODZAJ SILNIKA",
                      "Value": "BENZYNOWY",
                      "Children": [
                        {
                          "AttributeId": "a4bd0d5e-2bcc-4126-8c69-a5bbbeb39b25",
                          "Name": "KOD POJAZDU",
                          "Value": "SSANGXK TI/1597/94,1/B/S0/NN",
                          "Children": []
                        }
                      ]
                    }
                  ]
                }
              ]
            }
          ]
        }
      ]
    }
  ]
},
```

GetAllEnumValues

Description

Returns all enums used in API.

Request URL

http://XXX/api/Dictionaryes/GetPaymentTypes

Request

REQUEST MODEL

Does not have.

PARAMETERS

Does not have.

EXAMPLE REQUEST

Does not have

Response

RESPONSE MODEL

```
Result[Dictionary[String,List[String]],Error] {
  Data (inline_model, optional, read only),
  ResultCode (string, optional, read only) = ['Success', 'ValidationError',
'SecurityError', 'ServerError'],
  Errors (Array[Error], optional, read only)
}

inline_model {string}
```

PARAMETERS

Parameter	Description
Inline model	Enumeration value

RESPONSE EXAMPLE

```
{
  "Data": {
    "InsuranceObjectType": [
      "VEHICLE",
      "ESTATE"
    ],
    "AddressType": [
      "REGISTERED",
      "RESIDENCE",
      "CORRESPONDENCE",
      "HEADQUARTER",
      "LOCATION"
    ],
    "CountryCode": [
      "PL",
      "AL",
      "AD",
      "AT",
      "BE",
      "BY",
      "BA",
      "BG",
```

```
"HR",
"CX",
"CZ",
"DK",
"EE",
"FI",
"FR",
"GR",
"ES",
"NL",
"IE",
"IS",
"LI",
"LT",
"LU",
"LV",
"MK",
"MT",
"MD",
"DE",
"NG",
"NO",
"PT",
"RU",
"RO",
"SM",
"CS",
"SK",
"SI",
"SZ",
"SE",
"TR",
"UA",
"VA",
"HU",
"GB",
"IT",
"JP",
"EG",
"VN",
"TW",
"TH",
"KR",
"CA"
],
"Education": [
  "UNKNOWN",
  "BASIC",
  "BASIC_PROFESSIONAL",
  "SECONDARY",
  "HIGHER",
  "HIGHER_PROFESSIONAL"
],
"Sex": [
  "MALE",
  "FEMALE"
],
"SubjectType": [
  "PERSON",
  "FIRM"
],
"SubjectRole": [
  "OWNER",
  "COOWNER",
  "USER",
  "CESSION_OWNER"
],
"PrintType": [
  "OFFER",
  "POLICY"
],
"ErrorCode": [
  "Success",
  "ValidationError",
  "SecurityError",
  "ServerError",
  "ProductNotExist",
  "SubproductIsEmpty",
  "SubproductNotBelongToProduct",
  "ProductDoesntHaveRequiredSubproducts",
  "PermissionDenied",
  "DuplicateSubproducts",
  "OfferDotnBelongToSeller",
  "OfferHasInvalidStatus",
  "MarcetingConsentInvalid",
  "PaymentTypeIsNotAvailable",
  "SubproductInvalidAmount",
```

```
{
  "AttributeNotBelongsToProduct",
  "AttributeInvalidValue",
  "ParameterNotBelongsToProduct",
  "AttributeIsNotInCategory",
  "InvalidOfferStatus",
  "ConcurrencyError",
  "AccessDenied",
  "AddressMatchError",
  "PeselValidation",
  "FirstPaymentDateValidation",
  "ParameterInvalidValue",
  "MissingParameter",
  "PolicyAlreadyClosed",
  "PolicyAlreadyAnnexed",
  "PolicyWaitingForClose",
  "OfferOnwerChanged",
  "NoInsuranceObjectFound",
  "NoInsuranceObjectIdentifierFound",
  "PolicyDoesNotExists",
  "PolicyStatus",
  "OfferNotExists",
  "GreenCardDoesNotExists",
  "ProductNotInDistributionAgreement",
  "SubproductNotInDistributionAgreement",
  "UnauthorizedChangeInAnnex",
  "PolicyRenewalType",
  "WrongProduct",
  "PolicyRenewalSubproductValidation",
  "PolicyRenewalParameterValidation"
],
"Currency": [
  "PLN",
  "EUR",
  "EMPTY"
]
},
"ResultCode": "Success",
"Errors": null
}
```

Product service operations

Search

Description

Method for product searching.

Request URL

```
https://XXX/api/Products/Search
```

Request

REQUEST MODEL

```
{
  Category (string, optional) = ['VEHICLE', 'ESTATE'],
  Type (string, optional) = ['VEHICLE_INSURANCE', 'ESTATE_INSURANCE'],
  Code (string, optional)
}
```

EXAMPLE REQUEST

```
{
  Category: 'VEHICLE',
  Type: 'VEHICLE_INSURANCE',
  Code:
}
```

PARAMETERS

Query parameter	Description
Category	Product category: Enumeration VEHICLE, ESTATE. For mixed insurance products they can contain subproducts for many categories
Type	Product type: Enumeration VEHICLE_INSURANCE, ESTATE_INSURANCE
Code	Product unique code: Text e.g. GEF-0C-05

Response

RESPONSE MODEL

```
Result {
  Data (Products, optional),
  ResultCode (string) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],
  Errors (Array[Error], optional)
}

Products {
  ProductList (Array[ProductDetails])
}

ProductDetails {
  Type (string) = ['VEHICLE_INSURANCE', 'ESTATE_INSURANCE'],
  Code (string),
  Description (string),
  Categories (Array[string])
}
```

PARAMETERS

Query parameter	Description
Type	Product type: Enumeration VEHICLE_INSURANCE, ESTATE_INSURANCE
Code	Product unique code: Text e.g. GEF-0C-05
Description	Product description
Categories	Product categories: Array of enumeration VEHICLE, ESTAT

EXAMPLE RESPONSE

```
{
  "Data": {
    "ProductList": [
      {
        "Type": "VEHICLE_INSURANCE",
        "Code": "MZTEST",
        "Description": "Testowy",
        "Categories": [
          "VEHICLE"
        ]
      },
      {
        "Type": "VEHICLE_INSURANCE",
        "Code": "GEF-0C-05",
        "Description": "Gefion Ubezpieczenia Komunikacyjne ważny od 04.10.2017",
        "Categories": [
          "VEHICLE"
        ]
      }
    ]
  },
  "ResultCode": "Success",
  "Errors": null
}
```

Get

Description

Gets product details.

Request URL

http://XXX/api/Products/Get

Request

REQUEST MODEL

```
{
  Code (string)
}
```

EXAMPLE REQUEST

{ Code: "GEF-OC-05" }

PARAMETERS

Query parameter	Description
Code	Product unique code: Text e.g. GEF-OC-05

Response

RESPONSE MODEL

```
Result[Details,Error] {
  Data (Details, optional, read only),
  ResultCode (string, optional, read only) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],
  Errors (Array[Error], optional, read only)
}
Details {
  Type (string, optional) = ['VEHICLE_INSURANCE', 'ESTATE_INSURANCE'],
  Code (string, optional),
  Description (string, optional),
  Subproducts (Array[SubproductDetails], optional)
}
SubproductDetails {
  Code (string, optional),
  Description (string, optional),
  Category (string, optional) = ['VEHICLE', 'ESTATE'],
  IsRequired (boolean, optional),
  IsSelectedByDefault (boolean, optional),
  MinValue (Money, optional),
  MaxValue (Money, optional),
  DefaultSum (Money, optional),
  Quantum (number, optional),
  AvailableQuantumValues (Array[Money], optional)
}
```

EXAMPLE RESPONSE

```

{
  "Data": {
    "Type": "VEHICLE_INSURANCE",
    "Code": "GEF-OC-05",
    "Description": "Gefion Ubezpieczenia Komunikacyjne ważny od 04.10.2017",
    "Subproducts": [
      {
        "Code": "KOMOC",
        "Description": "ODPOWIEDZIALNOŚĆ CYWILNA POSIADACZA POJAZDÓW MECHANICZNYCH",
        "Category": "VEHICLE",
        "IsRequired": true,
        "IsSelectedByDefault": false,
        "MinValue": {
          "Amount": 5000000,
          "Currency": "EUR"
        },
        "MaxValue": {
          "Amount": 5000000,
          "Currency": "EUR"
        },
        "DefaultSum": {
          "Amount": 5000000,
          "Currency": "EUR"
        },
        "Quantum": null,
        "AvailableQuantumValues": []
      },
      {
        "Code": "KOMAS",
        "Description": "ASSISTANCE KOM",
        "Category": "VEHICLE",
        "IsRequired": false,
        "IsSelectedByDefault": true,
        "MinValue": {
          "Amount": 0,
          "Currency": "PLN"
        },
        "MaxValue": {
          "Amount": 0,
          "Currency": "PLN"
        },
        "DefaultSum": {
          "Amount": 0,
          "Currency": "PLN"
        },
        "Quantum": null,
        "AvailableQuantumValues": []
      },
      {
        "Code": "KOMZK",
        "Description": "ZIELONA KARTA",
        "Category": "VEHICLE",
        "IsRequired": false,
        "IsSelectedByDefault": false,
        "MinValue": {
          "Amount": 5000000,
          "Currency": "EUR"
        },
        "MaxValue": {
          "Amount": 158221515,
          "Currency": "EUR"
        },
        "DefaultSum": null,
        "Quantum": null,
        "AvailableQuantumValues": []
      },
      {
        "Code": "KOMNW",
        "Description": "NASTĘPSTWA NIESZCZĘŚLIWYCH WYPADKÓW",
        "Category": "VEHICLE",
        "IsRequired": false,
        "IsSelectedByDefault": false,
        "MinValue": {
          "Amount": 5000,
          "Currency": "PLN"
        },
        "MaxValue": {
          "Amount": 30000,
          "Currency": "PLN"
        },
        "DefaultSum": null,
        "Quantum": null,
        "AvailableQuantumValues": [
          {
            "Amount": 5000,
            "Currency": "PLN"
          }
        ]
      }
    ]
  }
}

```

```

    },
    {
      "Amount": 10000,
      "Currency": "PLN"
    },
    {
      "Amount": 15000,
      "Currency": "PLN"
    },
    {
      "Amount": 30000,
      "Currency": "PLN"
    }
  ]
},
"ResultCode": "Success",
"Errors": null
}

```

PARAMETERS

Details property	Description
Code	Product unique code: Text e.g. GEF-0C-05
Type	Product type: Enumeration VEHICLE_INSURANCE, ESTATE_INSURANCE
Description	Product description
SubproductDetails	List of subproducts: Array of objects

SubproductDetails property	Description
Code	Subproduct unique code: Text e.g. KOMOC
Description	Subproduct description
Category	Subproduct category: Enumeration VEHICLE, ESTATE
IsRequired	TRUE: subproduct is required in offers, FALSE: optional subproduct
IsSelectedByDefault	TRUE: should be selected by default in offer, FALSE: should not be selected by default in offer
MinValue	Minimal insurance sum: Money
MaxValue	Maximum insurance sum: Money
DefaultSum	Default insurance sum: Money
Quantum	Available quantum to increase values
AvailableQuantumValues	Available values: Array of Money

Money property	Description
Amount	Money amount: Number
Currency	Currency enumeration (PLN, EUR, EMPTY)

Calculation service operations

GetTemplate

Description

Returns template that helps to gather calculation parameters and build calculation request.

Request URL

https://XXX/api/Calculations/GetTemplate

Request

REQUEST MODEL

```
{
  ProductCode (string),
  SubproductCodes (Array[string])
}
```

EXAMPLE REQUEST

```
{
  "ProductCode": "GEF-OC-05",
  "SubproductCodes": [
    "KOMOC"
  ]
}
```

PARAMETERS

Query parameter	Description
Code	Product unique code: Text e.g. GEF-OC-05
SubproductCodes	Chosen subproducts codes: Array of text

Response

RESPONSE MODEL

```
Result {
  Data (CalculationTemplate, optional),
  ResultCode (string) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],
  Errors (Array[Error], optional)
}

CalculationTemplate {
  ProductHeader (ProductHeader),
  Subproducts (Array[SubproductDetails]),
  Parametrs (Array[ParameterDetails])
}

ProductHeader {
  Type (string) = ['VEHICLE_INSURANCE', 'ESTATE_INSURANCE'],
  Code (string),
  Description (string),
}

SubproductDetails {
  Code (string),
  Description (string),
  Category (string, optional) = ['VEHICLE', 'ESTATE'],
  IsRequired (boolean),
  IsSelectedByDefault (boolean),
  MinValue (Money, optional),
  MaxValue (Money, optional),
  DefaultSum (Money, optional),
  Quantum (number, optional)
  AvailableQuantumValues (Array[Money], optional)
}

ParameterDetails {
  ParameterId (string, optional),
  Name (string, optional),
  ValueType (string, optional) = ['Text', 'EnumText', 'Integer', 'Double', 'Date'],
  AvailableValues (Array[AvailableValue], optional),
  DefaultValue (string, optional),
}
```

```

    IsEditableInAnnex (boolean, optional),
    Description (string, optional)
}
Money {
    Amount (number),
    Currency (string) = ['PLN', 'EUR', 'EMPTY']
}
AvailableValue {
    Value (string, optional),
    MaxValue(string, optional),
    MinValue(string, optional)
}

```

EXAMPLE RESPONSE

```

{
  "Data": {
    "ProductHeader": {
      "Type": "VEHICLE_INSURANCE",
      "Code": "GEF-OC-05",
      "Description": "Gefion Ubezpieczenia Komunikacyjne ważny od 04.10.2017"
    },
    "Subproducts": [
      {
        "Code": "KOMOC",
        "Description": "ODPOWIEDZIALNOŚĆ CYWILNA POSIADACZA POJAZDÓW MECHANICZNYCH",
        "Category": "VEHICLE",
        "IsRequired": true,
        "IsSelectedByDefault": false,
        "MinValue": {
          "Amount": 5000000,
          "Currency": "EUR"
        },
        "MaxValue": {
          "Amount": 5000000,
          "Currency": "EUR"
        },
        "DefaultSum": {
          "Amount": 5000000,
          "Currency": "EUR"
        },
        "Quantum": null,
        "AvailableQuantumValues": []
      }
    ],
    "Parameters": [
      {
        "ParameterId": "0a1309ad-8d95-40fe-85f8-42821f90fbbe",
        "Name": "WIEK POSIADACZA",
        "ValueType": "Integer",
        "AvailableValues": [],
        "DefaultValue": null,
        "IsEditableInAnnex": true,
        "Description": null
      },
      {
        "ParameterId": "0f66f01b-f85a-4c13-82c2-682d3e38017f",
        "Name": "ROK PRODUKCJI",
        "ValueType": "Integer",
        "AvailableValues": [],
        "DefaultValue": null,
        "IsEditableInAnnex": false,
        "Description": null
      },
      {
        "ParameterId": "22ecb78a-323a-4269-84be-a336a2c4f28f",
        "Name": "ROSZCZENIA W CIAĞU OSTATNICH 6 LAT",
        "ValueType": "Text",
        "AvailableValues": [],
        "DefaultValue": null,
        "IsEditableInAnnex": true,
        "Description": null
      },
      {
        "ParameterId": "2bec3556-76c7-4d9a-a887-1d981a848470",
        "Name": "LICZBA RAT",
        "ValueType": "EnumText",
        "AvailableValues": [
          {
            "Value": "1",
            "MaxValue": "1",
            "MinValue": "1"
          }
        ]
      }
    ]
  }
}

```

```

    },
    ],
    "DefaultValue": "1",
    "IsEditableInAnnex": true,
    "Description": null
  },
  {
    "ParameterId": "31b710a2-1a99-4be6-a29e-30006c216233",
    "Name": "LICZBA MIEJSC",
    "ValueType": "Integer",
    "AvailableValues": [],
    "DefaultValue": null,
    "IsEditableInAnnex": true,
    "Description": null
  },
  {
    "ParameterId": "453e6f54-55fc-4e71-a73f-8136120ef901",
    "Name": "DOPUSZCZALNA MASA CAŁKOWITA DMC [T]",
    "ValueType": "Double",
    "AvailableValues": [
      {
        "Value": "0",
        "MaxValue": "40",
        "MinValue": "0"
      }
    ],
    "DefaultValue": null,
    "IsEditableInAnnex": true,
    "Description": null
  },
  {
    "ParameterId": "4b080b85-0dde-489c-89ed-056edc70176b",
    "Name": "PRZEZNACZENIE POJAZDU",
    "ValueType": "EnumText",
    "AvailableValues": [
      {
        "Value": "PRZEWÓZ TOWARÓW NIEBEZPIECZNYCH",
        "MaxValue": "PRZEWÓZ TOWARÓW NIEBEZPIECZNYCH",
        "MinValue": "PRZEWÓZ TOWARÓW NIEBEZPIECZNYCH"
      },
      {
        "Value": "REKWIZYT",
        "MaxValue": "REKWIZYT",
        "MinValue": "REKWIZYT"
      },
      {
        "Value": "PRZEWÓZ PRZESYŁEK KURIERSKICH I EKSPRESOWYCH",
        "MaxValue": "PRZEWÓZ PRZESYŁEK KURIERSKICH I EKSPRESOWYCH",
        "MinValue": "PRZEWÓZ PRZESYŁEK KURIERSKICH I EKSPRESOWYCH"
      },
      {
        "Value": "ODPŁATNY PRZEWÓZ OSÓB",
        "MaxValue": "ODPŁATNY PRZEWÓZ OSÓB",
        "MinValue": "ODPŁATNY PRZEWÓZ OSÓB"
      },
      {
        "Value": "AMBULANCE",
        "MaxValue": "AMBULANCE",
        "MinValue": "AMBULANCE"
      },
      {
        "Value": "RAJDY, TRENINGI",
        "MaxValue": "RAJDY, TRENINGI",
        "MinValue": "RAJDY, TRENINGI"
      },
      {
        "Value": "LEASING",
        "MaxValue": "LEASING",
        "MinValue": "LEASING"
      },
      {
        "Value": "SŁUŻBOWY",
        "MaxValue": "SŁUŻBOWY",
        "MinValue": "SŁUŻBOWY"
      },
      {
        "Value": "RENT A CAR",
        "MaxValue": "RENT A CAR",
        "MinValue": "RENT A CAR"
      },
      {
        "Value": "NAUKA JAZDY",
        "MaxValue": "NAUKA JAZDY",
        "MinValue": "NAUKA JAZDY"
      },
      {
        "Value": "ZASTĘPCZY",

```

```

        "MaxValue": "ZASTĘPCZY",
        "MinValue": "ZASTĘPCZY"
    },
    {
        "Value": "DEMONSTRACYJNY",
        "MaxValue": "DEMONSTRACYJNY",
        "MinValue": "DEMONSTRACYJNY"
    },
    {
        "Value": "TAXI",
        "MaxValue": "TAXI",
        "MinValue": "TAXI"
    },
    {
        "Value": "UŻYTEK WŁASNY",
        "MaxValue": "UŻYTEK WŁASNY",
        "MinValue": "UŻYTEK WŁASNY"
    }
],
"DefaultValue": "UŻYTEK WŁASNY",
"IsEditableInAnnex": true,
>Description": null
},
{
    "ParameterId": "6d8f30dd-1bef-415e-b9e9-122a9782bad1",
    "Name": "OSOBA FIZYCZNA",
    "ValueType": "EnumText",
    "AvailableValues": [
        {
            "Value": "NIE",
            "MaxValue": "NIE",
            "MinValue": "NIE"
        },
        {
            "Value": "TAK",
            "MaxValue": "TAK",
            "MinValue": "TAK"
        }
    ],
    "DefaultValue": "TAK",
    "IsEditableInAnnex": true,
    "Description": null
},
{
    "ParameterId": "79365158-80d8-440b-81bd-b7ca8fb90aab",
    "Name": "WIEK WSPÓŁWŁAŚCICIELA",
    "ValueType": "Integer",
    "AvailableValues": [],
    "DefaultValue": "0",
    "IsEditableInAnnex": true,
    "Description": null
},
{
    "ParameterId": "7e17e2dd-4939-41c5-9b47-eba399232052",
    "Name": "WAŻNE BADANIA TECHNICZNE",
    "ValueType": "EnumText",
    "AvailableValues": [
        {
            "Value": "NIE",
            "MaxValue": "NIE",
            "MinValue": "NIE"
        },
        {
            "Value": "TAK",
            "MaxValue": "TAK",
            "MinValue": "TAK"
        }
    ],
    "DefaultValue": "TAK",
    "IsEditableInAnnex": true,
    "Description": null
},
{
    "ParameterId": "8762e58c-333d-485d-8b2d-6db2d60d2988",
    "Name": "DOPUSZCZALNA ŁADOWNOŚĆ [T]",
    "ValueType": "Double",
    "AvailableValues": [
        {
            "Value": "0",
            "MaxValue": "50",
            "MinValue": "0"
        }
    ],
    "DefaultValue": null,
    "IsEditableInAnnex": true,
    "Description": null
},

```

```

{
  "ParameterId": "877c3669-a162-4563-aaf2-3db31361123d",
  "Name": "LICZBA SZKÓD W CIAĞU OSTATNICH 12 M-CY",
  "ValueType": "Integer",
  "AvailableValues": [],
  "DefaultValue": null,
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "9055ca6d-014c-43d0-a810-6888078eee47",
  "Name": "LATA OD OSTATNIEJ SZKODY OC UBEZPIECZANEGO POJAZDU",
  "ValueType": "Integer",
  "AvailableValues": [],
  "DefaultValue": null,
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "ab448b79-9306-4e9e-ad41-501fb5448975",
  "Name": "KOD POCZTOWY",
  "ValueType": "Text",
  "AvailableValues": [],
  "DefaultValue": null,
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "abb1dcfc-593c-40b7-8e77-d8c63860f1de",
  "Name": "DATA WYDANIA PRAWA JAZDY",
  "ValueType": "Date",
  "AvailableValues": [],
  "DefaultValue": null,
  "IsEditableInAnnex": false,
  "Description": null
},
{
  "ParameterId": "b9c2311f-cb15-4137-a378-0b7e634c6d87",
  "Name": "POJAZD ZABYTKOWY",
  "ValueType": "EnumText",
  "AvailableValues": [
    {
      "Value": "NIE",
      "MaxValue": "NIE",
      "MinValue": "NIE"
    },
    {
      "Value": "TAK",
      "MaxValue": "TAK",
      "MinValue": "TAK"
    }
  ],
  "DefaultValue": "NIE",
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "dd55c73d-91d1-4b87-91ba-8957312acf3c",
  "Name": "ZNIŻKA MARKETINGOWA [%]",
  "ValueType": "EnumText",
  "AvailableValues": [
    {
      "Value": "0",
      "MaxValue": null,
      "MinValue": "0"
    },
    {
      "Value": "5",
      "MaxValue": null,
      "MinValue": "5"
    }
  ],
  "DefaultValue": "BRAK",
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "f6156ddf-1e25-4842-b98f-b048d9f2be4b",
  "Name": "KIEROWNICA Z PRAWĘJ STRONY",
  "ValueType": "EnumText",
  "AvailableValues": [
    {
      "Value": "NIE",
      "MaxValue": null,
      "MinValue": "NIE"
    }
  ],
  "DefaultValue": null,
  "IsEditableInAnnex": true,
  "Description": null
}

```

```

        "Value": "TAK",
        "MaxValue": null,
        "MinValue": "TAK"
    }
},
"DefaultValue": null,
"IsEditableInAnnex": true,
"Description": null
},
{
    "ParameterId": "fa68d3c2-de9a-465c-99f5-c97f28acd118",
    "Name": "KOD POJAZDU",
    "ValueType": "EnumText",
    "AvailableValues": [],
    "DefaultValue": null,
    "IsEditableInAnnex": false,
    "Description": null
}
]
},
"ResultCode": "Success",
"Errors": null
}

```

PARAMETERS

CalculationTemplate property	Description
ProductHeader	Choosen product: Object
Subproducts	Choosen subproducts: Array of objects.
Parameters	Parameters to fill. Array of objects.

ProductHeader property	Description
Code	Product unique code: Text e.g. GEF-0C-05
Type	Product type: Enumeration VEHICLE_INSURANCE, ESTATE_INSURANCE
Description	Product description

SubproductDetails property	Description
Code	Subproduct unique code: Text e.g. KOMOC
Description	Subproduct description
Category	Subproduct category: Enumeration VEHICLE, ESTATE
IsRequired	TRUE: subproduct is required in offers, FALSE: optional subproduct
IsSelectedByDefault	TRUE: should be selected by default in offer, FALSE: should not be selected by default in offer
MinValue	Minimal insurance sum: Money
MaxValue	Maximum insurance sum: Money
DefaultSum	Default insurance sum: Money
Quantum	Available quantum to increase values
AvailableQuantumValues	Available values: Array of Money

ParameterDetails property	Description
ParameterId	Parameter identifier (string)
Name	Parameter display name (string)
ValueType	Parameter value type: Enumeration ('Text', 'Enum', 'Integer', 'Double', 'Date')
AvailableValues	Available values if enum: Array of objects
DefaultValue	Default parameter value
IsEditableInAnnex	Parameter value can be changed in annex (boolean)
Description	Additional information about parameter

AvailableValue property	Description
Value	Parameter value
MaxValue	Maximum possible parameter value
MinValue	Minimum possible parameter value

Calculate

Description

Returns calculation result.

Request URL

https://XXX/api/Calculations/Calculate

Request

REQUEST MODEL

```
{
  ProductCode (string),
  Subproducts (Array[SubproductValue]),
  ParameterValues (Array[ParameterValue])
}
Subproducts {
  Code (string),
  Value (Money)
}
Parameters {
  Id (string),
  Value (string)
}
Money {
  Amount (number),
  Currency (string) = ['PLN', 'EUR', 'EMPTY']
}
```

EXAMPLE REQUEST

```
{
  "ProductCode": "GEF-OC-05",
  "Subproducts": [
    {
      "Code": "KOMOC",
      "Value": {
        "Amount": 5000000,
        "Currency": "EUR"
      }
    }
  ]
}
```

```

    }
  },
  {
    "Code": "KOMAS",
    "Value": {
      "Amount": 0.0,
      "Currency": "PLN"
    }
  }
],
"Parameters": [
  {
    "Id": "abb1dcfc-593c-40b7-8e77-d8c63860f1de",
    "Value": "2015-01-01"
  },
  {
    "Id": "2bec3556-76c7-4d9a-a887-1d981a848470",
    "Value": "1"
  },
  {
    "Id": "0a1309ad-8d95-40fe-85f8-42821f90fbbe",
    "Value": "21"
  },
  {
    "Id": "4b080b85-0dde-489c-89ed-056edc70176b",
    "Value": "UŻYTEK WŁASNY"
  },
  {
    "Id": "fa68d3c2-de9a-465c-99f5-c97f28acd118",
    "Value": "CHEVRCAPTI/1991/110/D/SC/NN"
  },
  {
    "Id": "31b710a2-1a99-4be6-a29e-30006c216233",
    "Value": "5"
  },
  {
    "Id": "ab448b79-9306-4e9e-ad41-501fb5448975",
    "Value": "59-140"
  },
  {
    "Id": "7e17e2dd-4939-41c5-9b47-eba399232052",
    "Value": "TAK"
  },
  {
    "Id": "0f66f01b-f85a-4c13-82c2-682d3e38017f",
    "Value": "2010"
  },
  {
    "Id": "dd55c73d-91d1-4b87-91ba-8957312acf3c",
    "Value": "0"
  },
  {
    "Id": "877c3669-a162-4563-aaf2-3db31361123d",
    "Value": "0"
  },
  {
    "Id": "453e6f54-55fc-4e71-a73f-8136120ef901",
    "Value": "5"
  },
  {
    "Id": "8762e58c-333d-485d-8b2d-6db2d60d2988",
    "Value": "5"
  },
  {
    "Id": "9055ca6d-014c-43d0-a810-6888078eee47",
    "Value": "0"
  },
  {
    "Id": "6d8f30dd-1bef-415e-b9e9-122a9782bad1",
    "Value": "TAK"
  },
  {
    "Id": "b9c2311f-cb15-4137-a378-0b7e634c6d87",
    "Value": "NIE"
  },
  {
    "Id": "22ecb78a-323a-4269-84be-a336a2c4f28f",
    "Value": "0"
  },
  {
    "Id": "f6156ddf-1e25-4842-b98f-b048d9f2be4b",
    "Value": "NIE"
  }
],
"Timestamp": ""
}

```

PARAMETERS

Query parameter	Description
ProductCode	Product unique code: Text e.g. GEF-0C-05
Subproducts	Values of subproducts: Array of objects
Parameters	Values of parameters: Array of objects

Subproducts property	Description
Code	Subproduct unique code: Text e.g. KOMOC
Value	Insurance sum of subproduct

ParameterValue property	Description
Id	Parameter identifier: Text
Value	Value of parameter: Text

Response

RESPONSE MODEL

```
Result {
  Data (CalculationResult, optional),
  ResultCode (string) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],
  Errors (Array[Error], optional)
}

CreateCalculationResult {
  PremiumSum (Money),
  Subproducts (Array[CalculationSubproductResult],
  PaymentInstallments (Array[PaymentInstallment])
}

CalculationSubproductResult {
  Code (string),
  Description (string),
  LiabilityAmount (Money),
  Premium (Money),
}

CalculationPaymentInstallmentResult {
  No (number),
  Amount (Money)
}
```

EXAMPLE RESPONSE

```
{
  "Data": {
    "PremiumSum": {
      "Amount": 60000,
      "Currency": "PLN"
    },
    "Subproducts": [
      {
        "Code": "KOMOC",
        "Name": "ODPOWIEDZIALNOŚĆ CYWILNA POSIADACZA POJAZDÓW MECHANICZNYCH",
        "LiabilityAmount": {
          "Amount": 5000000,
          "Currency": "PLN"
        },
        "Premium": {
          "Amount": 48000,
          "Currency": "PLN"
        }
      }
    ]
  }
}
```

```
{
  "Code": "KOMAS",
  "Name": "ASSISTANCE KOM",
  "LiabilityAmount": {
    "Amount": 0,
    "Currency": "PLN"
  },
  "Premium": {
    "Amount": 12000,
    "Currency": "PLN"
  }
},
"PaymentInstallments": [
  {
    "No": 1,
    "Amount": {
      "Amount": 60000,
      "Currency": "PLN"
    }
  }
]
},
"ResultCode": "Success",
"Errors": null
}
```

PARAMETERS

CreateCalculationResult property	Description
PremiumSum	Premium sum from all subproducts. Money
Subproducts	Subproducts calculation results. Array of CalculationSubproductResult objects
PaymentInstallments	Payment installments. Array of CalculationPaymentInstallment objects

CalculationSubproductResult property	Description
Code	Subproduct code. Text
Description	Subproduct description. Text
LiabilityAmount	Liability amount. Money
Premium	Premium. Money

CalculationPaymentInstallment property	Description
No	Cardinal number of installment (from 1)
Amount	Installment amount. Money

Sales service operations

SearchPolicy

Description

Search for policies.

Request URL

https://XXX/api/Sales/SearchPolicies

Request

REQUEST MODEL

```
{
  Signature (string, optional),
  Status (PolicyStatus, optional) = ["INITIALIZED", "READY", "SIGNED", "ACTIVE", "CLOSEDBYINSURANCECOMPANY",
"TERMINATEDBYCLIENT", "REJECTEDBYCLIENT", "EXPIRED", "CLOSEDBYANNEX", "CANCELLED", "OVERDUE",  "TRANSFERED",
"ANNEXCANCELLED"],
  FromBeginProtectionDate (datetime, optional),
  ToBeginProtectionDate (datetime, optional),
  FromRegistrationDate (datetime, optional),
  ToRegistrationDate (datetime, optional),
  PageNumber (int, optional, >=0)
}
```

EXAMPLE REQUEST

```
{
  "Status": "ACTIVE",
  "FromBeginProtectionDate": "2017-01-07T07:30:07.834Z",
  "ToBeginProtectionDate": "2018-01-08T07:30:07.834Z",
  "FromRegistrationDate": "2017-01-07T07:30:07.834Z",
  "ToRegistrationDate": "2018-01-08T07:30:07.834Z",
  "PageNumber": 0
}
```

PARAMETERS

Property	Description
Signature	Policy signature (with leading zeroes)
Status	Current policy status
FromBeginProtectionDate	Minimal date of protection begin
ToBeginProtectionDate	Maximum date of protection begin
FromRegistrationDate	Minimal date of registration begin
ToRegistrationDate	Maximum date of registration begin
PageNumber	Page number

Response

RESPONSE MODEL

```
Result[SearchPolicyResult,Error] {
  Data (SearchPolicyResult, optional, read only),
  ResultCode (string, optional, read only) = ['Success', 'ValidationError',
'SecurityError', 'ServerError'],
  Errors (Array[Error], optional, read only)
}
SearchPolicyResult {
  Policies (PagedList[PolicyView,Int32,PolicyHeader], optional)
}
PagedList[PolicyView,Int32,PolicyHeader] {
  TotalItems (integer, optional, read only),
  PageNumber (integer, optional, read only),
  PageSize (integer, optional, read only),
  Items (Array[PolicyHeader], optional, read only),
  TotalPages (integer, optional, read only),
  HasPreviousPage (boolean, optional, read only),
  HasNextPage (boolean, optional, read only),
  NextPageNumber (integer, optional, read only),
  PreviousPageNumber (integer, optional, read only)
}
PolicyHeader {
  Id (string, optional),
```

```
Signature (string, optional),
BriefcaseSignature (string, optional),
Status (string, optional) = ['INITIALIZED', 'READY', 'SIGNED', 'ACTIVE',
'CLOSEDBYINSURANCECOMPANY', 'TERMINATEDBYCLIENT', 'REJECTEDBYCLIENT', 'EXPIRED',
'CLOSEDBYANNEX', 'CANCELLED', 'OVERDUE', 'TRANSFERED', 'ANNEXCANCELLED'],
BeginProtectionDate (string, optional),
ProductCode (string, optional),
IsAnnex (boolean, optional),
Insured (string, optional),
RenewalType (string, optional) = ['NORENEWAL', 'AUTOMATIC', 'MANUAL',
'MANUALRENEWALOFAUTOMATICCLOSEDRENEWALPOLICY', 'RENEWALPROPOSITION']
}
```

EXAMPLE RESPONSE

```
{
  "Data": {
    "Policies": {
      "TotalItems": 1,
      "PageNumber": 0,
      "PageSize": 100,
      "Items": [
        {
          "Id": "766651c1-82ba-4aad-8e03-3946c64eb517",
          "Signature": "0000020171",
          "BriefcaseSignature": "0000003925",
          "Status": "ACTIVE",
          "BeginProtectionDate": "2018-01-04T10:54:00",
          "ProductCode": "GEF-OC-05",
          "IsAnnex": false,
          "Insured": null
        }
      ],
      "TotalPages": 1,
      "HasPreviousPage": false,
      "HasNextPage": false,
      "NextPageNumber": 1,
      "PreviousPageNumber": 1
    }
  },
  "ResultCode": "Success",
  "Errors": null
}
```

PARAMETERS

SearchPolicyResult	Description
TotalItems	Amount of filtered policies
PageNumber	Current page
PageSize	Size of page
Items	Array of PolicyHeader
TotalPages	Number of pages
HasPreviousPage	Is previous page exists
HasNextPage	Is nextpage exists
NextPageNumber	Next page number if exists
PreviousPageNumber	Previout page number if exists

PolicyHeader Property	Description
Id	Unique identifier of policy
Signature	Signature of policy
BriefcaseSignature	Signature of briefcase that contains given policy
Status	Status of policy. Check request parameters for list of available values.
BeginProtectionDate	Date of policy start
ProductCode	Code of product used to create policy
IsAnnex	Is policy annex
Insured	Name of person who signed policy

GetPolicyDetails

Description

Returns policy details information.

Request URL

```
https://XXX/api/Sales/GetPolicyDetails
```

Request

REQUEST MODEL

```
{
  PolicyId (string, optional)
}
```

EXAMPLE REQUEST

```
{
  "PolicyId": "47a0345e-8b0a-4e47-b0f9-14a3d977dd5e"
}
```

PARAMETERS

Property	Description
PolicyId	Policy unique identity

Response

RESPONSE MODEL

```
Result[PolicyDetails,Error] {
  Data (PolicyDetails, optional, read only),
  ResultCode (string, optional, read only) = ['Success', 'ValidationError',
'SecurityError', 'ServerError'],
  Errors (Array[Error], optional, read only)
}
PolicyDetails {
  Id (string, optional),
  Signature (string, optional),
  BriefcaseSignature (string, optional),
  Status (string, optional) = ['INITIALIZED', 'READY', 'SIGNED', 'ACTIVE',
```

```

    'CLOSEDBYINSURANCECOMPANY', 'TERMINATEDBYCLIENT', 'REJECTEDBYCLIENT', 'EXPIRED',
    'CLOSEDBYANNEX', 'CANCELLED', 'OVERDUE', 'TRANSFERED', 'ANNEXCANCELLED'],
    RenewalType (string, optional) = ['NORENEWAL', 'AUTOMATIC', 'MANUAL',
    'MANUALRENEWALOFAUTOMATICCLOSEDRENEWALPOLICY', 'RENEWALPROPOSITION'],
    TerminationDate (string, optional),
    ConclusionDate (string, optional),
    BeginProtectionDate (string, optional),
    BeginDate (string, optional),
    Remarks (string, optional),
    OfferId (string, optional),
    ProductCode (string, optional),
    Timestamp (string, optional),
    PolicySubjects (Array[PolicySubject], optional),
    InsuranceObject (InsuranceObjectDetails, optional),
    Subproducts (Array[SubproductHeader], optional),
    Parameters (Array[ParameterHeader], optional)
}

PolicySubject {
    Type (string, optional),
    Name (string, optional)
}

InsuranceObjectDetails {
    Type (string, optional) = ['VEHICLE', 'ESTATE'],
    Description (string, optional),
    Holders (Array[InsuranceObjectHolderDetails], optional),
    Attributes (Array[InsuranceObjectAttributeDetails], optional)
}

SubproductHeader {
    SubproductId (string, optional),
    Name (string, optional),
    Code (string, optional),
    LiabilityAmount (MoneyDTO, optional),
    PeriodFrom (string, optional),
    PeriodTo (string, optional),
    Premium (MoneyDTO, optional)
}

ParameterHeader {
    ParameterId (string, optional),
    Name (string, optional),
    Value (string, optional)
}

InsuranceObjectHolderDetails {
    Name (string, optional),
    Role (string) = ['OWNER', 'COOWNER', 'USER', 'CESSION_OWNER'],
    IsBasisForCalculation (boolean, optional),
    FirstName (string, optional),
    SecondName (string, optional),
    LastName (string, optional),
    FamilyName (string, optional),
    MotherName (string, optional),
    FatherName (string, optional),
    Sex (string, optional),
    PassportNo (string, optional),
    IdentityCardNo (string, optional),
    Pesel (string, optional),
    Nip (string, optional),
    Citizenship (string, optional) = ['PL', 'AL', ...],
    Education (string, optional) = ['UNKNOWN', 'BASIC', 'BASIC_PROFESSIONAL', 'SECONDARY', 'HIGHER',
    'HIGHER_PROFESSIONAL'],
    BrithPlace (string, optional),
    BrithDate (string, optional),
    DeathDate (string, optional),
    Type (string, optional),
    Addresses (Array[InsuranceObjectHolderAddressDetails], optional)
}

InsuranceObjectAttributeDetails {
    AttributeId (string, optional),
    Name (string, optional),
    Value (string, optional)
}

MoneyDTO {
    Amount (number, optional, read only),
    Currency (string, optional, read only) = ['PLN', 'EUR', 'EMPTY']
}

InsuranceObjectHolderAddressDetails {
    Type (string, optional, read only) = ['REGISTERED', 'RESIDENCE', 'CORRESPONDENCE', 'HEADQUARTER',
    'LOCATION'],
    City (string, optional, read only),
    Street (string, optional, read only),
    BuildingNo (string, optional, read only),
    ApartmentNo (string, optional, read only),

```

```
PostalCode (string, optional, read only),
Post (string, optional, read only),
CountryId (integer, optional, read only)
}
```

PARAMETERS

PolicyDetails	Description
Id	Policy unique identity: Guid
Signature	Policy signature: Text
BriefaseSignature	Briefase signature: Text
Status	Policy status. Enumeration: ACTIVE, SIGNED...
RenewalType	Renewal type. Enumeration: AUTOMATIC, MANUAL...
TerminationDate	Termination Date: DateTime
ConclusionDate	Conclusion Date : DateTime
BeginProtectionDate	Begin Protection Date: DateTime
BeginDate	Begin Date: DateTime
Remarks	Remarks: Text
OfferId	Offer unique identity: Guid
ProductCode	Product Code: Text
Timestamp	Timestamp: Text

PolicySubject Property	Description
Type	Subject type: Text e.g. Ubezpieczający, Sprzedawca, Dystrybutor
Name	Subject name.

InsuranceObjectDetails Property	Description
Type	Insurance object type. Enumeration: Vehicle, Estate
Description	insurance object Description. Text

SubproductHeader Property	Description
SubproductId	Policy subproduct unique identity. Guid
Name	Name . Text
Code	Unique code for subproduct. Text
LiabilityAmount	Liability Amount. Money
PeriodFrom	Effective date from. DateTime
PeriodTo	Effective date to. DateTime
Premium	Premium . Money

InsuranceObjectHolderDetails Property	Description
Name	Holder name. Text
Role	Holder role. Enumeration e.g OWNER
IsBasisForCalculation	s basis for calculation. Boolean
FirstName	Holder first name. Text
SecondName	Holder second name. Text
LastName	Holder last name. Text
FamilyName	Holder family name. Text
MotherName	Holder mother name. Text
FirstName	Holder first name. Text
FatherName	Holder father name. Text
Sex	Holder sex. Text
PassportNo	Holder passport number. Text
IdentityCardNo	Holder identity card number. Text
Pesel	Holder pesel. Text
Nip	Holder nip. Text
Citizenship	Holder citizenship. Enumeration e.g PL
Education	Holder education. Enumeration e.g HIGHER
BrithPlace	Holder brith place. Text
BrithDate	Holder brith date. DateTime
DeathDate	Holder death date. DateTime
Type	Holder type. Text

InsuranceObjectHolderAddressDetails Property	Description
Type	Holder address type. Enumeration e.g REGISTERED
City	City. Text
Street	Street. Text
BuildingNo	BuildingNo. Text
ApartmentNo	ApartmentNo. Text
PostalCode	PostalCode. Text
Post	Post. Text
CountryId	CountryId. Integer

InsuranceObjectAttributeDetails Property	Description
AttributeId	Insurance object attribute unique identity. Guid
Name	Attribute name. Text
Value	Attribute value. Text

ParameterHeader Property	Description
ParameterId	Subproduct parameter unique identity
Name	Parameter name. Text
Value	Parameter value. Text

EXAMPLE RESPONSE

```
{
  "Data": {
    "Id": "47a0345e-8b0a-4e47-b0f9-14a3d977dd5e",
    "Signature": "0000018492",
    "BriefaseSignature": "0000003930",
    "Status": "CLOSEDBYANNEX",
    "RenewalType": "NORENEWAL",
    "TerminationDate": null,
    "ConclusionDate": "2017-06-22T13:45:26.173",
    "BeginProtectionDate": "2017-06-23T00:00:00",
    "BeginDate": null,
    "Remarks": null,
    "OfferId": "423e8b62-1d2e-4746-8c59-c6c563f744f4",
    "ProductCode": "GEF-0C-02",
    "Timestamp": "AAAAAAAdDmU=",
    "PolicySubjects": [
      {
        "Type": "Ubezpieczający",
        "Name": "Mariola Kowalska"
      },
      {
        "Type": "Dystrybutor",
        "Name": "Polins Sp. z o. o. (NIP: 7752648954)"
      },
      {
        "Type": "Sprzedawca",
        "Name": "Władysław Jagiełło"
      }
    ],
    "InsuranceObject": {
      "Type": "VEHICLE",
      "Description": null,
      "Holders": [
        {
          "Name": "Mariola Kowalska",
          "Role": "OWNER",
          "IsBasisForCalculation": false,
          "FirstName": "Mariola",
          "SecondName": null,
          "LastName": "Kowalska",
          "FamilyName": null,
          "MotherName": null,
          "FatherName": null,
          "Sex": "M",
          "PassportNo": null,
          "IdentityCardNo": null,
          "Pesel": "91012196717",
          "Nip": null,
          "Citizenship": "PL",
          "Education": "UNKNOWN",
          "BrithPlace": null,
          "BrithDate": "1991-01-21T00:00:00",
          "DeathDate": null,
          "Type": "O",
          "Addresses": [
            {
              "OfferId": 20522,
              "PolicyId": 5881,
              "AddressId": 5157,
              "SubjectId": 6089,
              "Type": "REGISTERED",
              "City": "Iława",
              "Street": "Bolesława Prusa",
              "BuildingNo": "24",
              "ApartmentNo": "19",
              "PostalCode": "14-200",
              "Post": "Iława",
              "CountryId": 1
            }
          ]
        }
      ]
    }
  ],
  "Attributes": [
```

```
{
  "AttributeId": "02c238e1-04b3-44de-b77b-cbe32bff7dc3",
  "Name": "NR REJESTRACYJNY",
  "Value": "10001"
},
{
  "AttributeId": "c0b26eac-3085-409e-893f-1580e61ca97f",
  "Name": "DATA PIERWSZEJ REJESTRACJI",
  "Value": "2000-02-20"
},
{
  "AttributeId": "06952754-1beb-45b4-a507-4c26bc94cb1c",
  "Name": "MARKA",
  "Value": "FORD"
},
{
  "AttributeId": "548148c2-9aeb-4167-a6c7-ea8ae26aeddb",
  "Name": "MODEL",
  "Value": "FOCUS C-MAX"
},
{
  "AttributeId": "34dae477-a571-4c06-ae5b-f6d1b8fa67e4",
  "Name": "POJEMNOŚĆ [CCM]",
  "Value": "1550"
},
{
  "AttributeId": "3d2867d4-ae27-4795-a3ac-f05c1676c88c",
  "Name": "MOC SILNIKA [KW]",
  "Value": "80"
},
{
  "AttributeId": "27d74c45-07c2-4489-ad00-053ffa48fa69",
  "Name": "RODZAJ SILNIKA",
  "Value": "DIESEL"
},
{
  "AttributeId": "e98b1e80-fed4-4d43-a7a4-5ebb125fbca8",
  "Name": "NR NADWOZIA (VIN)",
  "Value": "213213213123123"
},
{
  "AttributeId": "305f5902-c1f1-4e72-8e35-878549c8be2e",
  "Name": "ALUMINIOWE FELGI",
  "Value": "NIE"
},
{
  "AttributeId": "f77d38b0-efc8-44dd-8e28-dbe2ceae5532",
  "Name": "PRZEZNACZENIE POJAZDU",
  "Value": "UŻYTEK WŁASNY"
},
{
  "AttributeId": "0130dd92-fc8e-49f5-a1d7-70b32f83e2db",
  "Name": "LICZBA MIEJSC",
  "Value": "5"
},
{
  "AttributeId": "771f4a9e-3ce3-42a0-a93b-bdb0861d173b",
  "Name": "KRAJ REJESTRACJI",
  "Value": "POLSKA"
},
{
  "AttributeId": "16c1e593-4b9c-46ad-86ab-08dfe32bc1e6",
  "Name": "KOLOR NADWOZIA",
  "Value": "BIAŁY"
},
{
  "AttributeId": "0d88b938-27a2-4aed-81b9-b0162cb7e769",
  "Name": "ABS",
  "Value": "TAK"
},
{
  "AttributeId": "8d097e36-4d7d-4334-86ed-56d4d5a5d56f",
  "Name": "CENTRALNY ZAMEK",
  "Value": "TAK"
},
{
  "AttributeId": "1f32b9a2-0b22-4b23-a08d-dc4393c5d9f7",
  "Name": "ELEKTRYCZNE SZYBY",
  "Value": "TAK"
},
{
  "AttributeId": "f01a21a9-c38f-4cce-a914-78a506b0d8b1",
  "Name": "RADIO",
  "Value": "TAK"
},
{
  "AttributeId": "a666d538-48cc-4bb8-9568-f77472ffe5a8",
```

```

    "Name": "ROK PRODUKCJI",
    "Value": "2000"
  },
  {
    "AttributeId": "e77377a6-7323-4394-bae4-9e7679406d35",
    "Name": "RODZAJ LAKIERU",
    "Value": "METALIK"
  },
  {
    "AttributeId": "a4bd0d5e-2bcc-4126-8c69-a5bbbeb39b25",
    "Name": "KOD POJAZDU",
    "Value": "FORDFOCU/1550/80"
  },
  {
    "AttributeId": "a4ef659f-c333-4bfb-b457-3a679e457bc7",
    "Name": "NR KARTY POJAZDU",
    "Value": "23213123"
  },
  {
    "AttributeId": "8aeca0ae-f981-4b7a-abe0-a944b7cb6a8b",
    "Name": "RODZAJ POJAZDU",
    "Value": "SAMOCHÓD OSOBOWY"
  },
  {
    "AttributeId": "43257284-e985-4d33-baee-8337c28940e8",
    "Name": "CZY WŁAŚCICIELEM POJAZDU JEST LEASING LUB BANK?",
    "Value": "NIE"
  }
]
},
"Subproducts": [
  {
    "SubproductId": "1358b958-ee7b-467b-823a-53430bbe4de9",
    "Name": "ODPOWIEDZIALNOŚĆ CYWILNA POSIADACZA POJAZDÓW MECHANICZNYCH",
    "Code": "KOMOC",
    "LiabilityAmount": {
      "Amount": 50000000,
      "Currency": "PLN"
    },
    "PeriodFrom": "2017-06-23T00:00:00",
    "PeriodTo": "2018-06-22T23:59:00",
    "Premium": {
      "Amount": 2170,
      "Currency": "PLN"
    },
    "Parameters": [
      {
        "ParameterId": "abb1dcfc-593c-40b7-8e77-d8c63860f1de",
        "Name": "DATA WYDANIA PRAWA JAZDY",
        "Value": "2000-02-20"
      },
      {
        "ParameterId": "2bec3556-76c7-4d9a-a887-1d981a848470",
        "Name": "LICZBA RAT",
        "Value": "1"
      },
      {
        "ParameterId": "f92ef991-21e1-4f2e-af05-c6db06447e68",
        "Name": "ZNIŻKA MARKETINGOWA",
        "Value": "5"
      },
      {
        "ParameterId": "0a1309ad-8d95-40fe-85f8-42821f90fbb",
        "Name": "WIEK POSIADACZA",
        "Value": "26"
      },
      {
        "ParameterId": "4b080b85-0dde-489c-89ed-056edc70176b",
        "Name": "PRZEZNACZENIE POJAZDU",
        "Value": "UŻYTEK WŁASNY"
      },
      {
        "ParameterId": "fa68d3c2-de9a-465c-99f5-c97f28acd118",
        "Name": "KOD POJAZDU",
        "Value": "FORDFOCU/1550/80"
      },
      {
        "ParameterId": "31b710a2-1a99-4be6-a29e-30006c216233",
        "Name": "LICZBA MIEJSC",
        "Value": "5"
      },
      {
        "ParameterId": "ab448b79-9306-4e9e-ad41-501fb5448975",
        "Name": "KOD POCZTOWY",
        "Value": "14-200"
      }
    ]
  }
]

```

```

        "ParameterId": "7e17e2dd-4939-41c5-9b47-eba399232052",
        "Name": "WAŻNE BADANIA TECHNICZNE",
        "Value": "TAK"
    },
    {
        "ParameterId": "0f66f01b-f85a-4c13-82c2-682d3e38017f",
        "Name": "ROK PRODUKCJI",
        "Value": "2000"
    },
    {
        "ParameterId": "877c3669-a162-4563-aaf2-3db31361123d",
        "Name": "LICZBA SZKÓD W CIAĞU OSTATNICH 12 M-CY",
        "Value": "1"
    },
    {
        "ParameterId": "453e6f54-55fc-4e71-a73f-8136120ef901",
        "Name": "DOPUSZCZALNA MASA CAŁKOWITA DMC [T]",
        "Value": "2"
    },
    {
        "ParameterId": "8762e58c-333d-485d-8b2d-6db2d60d2988",
        "Name": "DOPUSZCZALNA ŁADOWNOŚĆ [T]",
        "Value": "2"
    },
    {
        "ParameterId": "9055ca6d-014c-43d0-a810-6888078eee47",
        "Name": "LATA OD OSTATNIEJ SZKODY OC UBEZPIECZANEGO POJAZDU",
        "Value": "1"
    },
    {
        "ParameterId": "6d8f30dd-1bef-415e-b9e9-122a9782bad1",
        "Name": "OSOBA FIZYCZNA",
        "Value": "TAK"
    },
    {
        "ParameterId": "b9c2311f-cb15-4137-a378-0b7e634c6d87",
        "Name": "POJAZD ZABYTKOWY",
        "Value": "TAK"
    }
    ]
}
},
"ResultCode": "Success",
"Errors": null
}

```

GetOfferTemplate

Description

Returns template that helps to gather offer parameters and build save offer request.

Request URL

```
https://XXX/api/Sales/GetOfferTemplate
```

Request

REQUEST MODEL

```

{
    ProductCode (string),
    SubproductCodes (Array[string])
}

```

EXAMPLE REQUEST

```

{
    "ProductCode": "GEF-OC-05",
    "SubproductCodes": [

```

```
    "KOMOC"
  ]
}
```

PARAMETERS

Query parameter	Description
ProductCode	Product unique code. Text (i.e. GEF-OC-05).
SubproductCodes	Chosen subproducts codes. Array of texts.

Response

RESPONSE MODEL

```
Result {
  Data (OfferTemplate, optional),
  ResultCode (string) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],
  Errors (Array[Error], optional)
}
OfferTemplate {
  ProductHeader (ProductHeader),
  Subproducts (Array[Subproduct]),
  Parameters (Array[Parameter]),
  InsuranceObjectAttributes(Array[Attribute])
}
ProductHeader {
  Type (string) = ['VEHICLE_INSURANCE', 'ESTATE_INSURANCE'],
  Code (string),
  Description (string),
}
SubproductDetails {
  Code (string, optional),
  Description (string),
  Category (string),
  IsRequired (boolean),
  IsSelectedByDefault (boolean),
  MinValue (Money, optional),
  MaxValue (Money, optional),
  DefaultSum (Money, optional),
  Quantum (number, optional),
  AvailableQuantumValues(Array[Money], optional)
}
ParameterDetails {
  ParameterId (string),
  Name (string),
  ValueType (string) = ['Text', 'EnumText', 'Integer', 'Double', 'Date'],
  AvailableValues (Array[ParametrValue], optional),
  DefaultValue (string, optional)
  Description(string,optional)
}
Attribute {
  AttributeId (string),
  Name (string),
  ValueType (string) = ['Text', 'EnumText', 'Integer', 'Double', 'Date']
}
Money {
  Amount (number),
  Currency (string) = ['PLN', 'EUR', 'EMPTY']
}
AvailableValue {
  Value (string, optional),
  MaxValue (string, optional),
  MinValue (string, optional),
}
```

PARAMETERS

OfferTemplate property	Description
ProductHeader	Choosen product. Object
Subproducts	Choosen subproducts. Array of objects.
Parameters	Parameters to fill. Array of objects.
InsuranceObjectAttribute	Insurance object attributes to fill. Array of object's

ProductHeader property	Description
Type	Product type. Enumeration (VEHICLE_INSURANCE, ESTATE_INSURANCE)
Code	Product unique code. Text (i.e. GEF-OC-05)
Description	Product description

SubproductDetails property	Description
Code	Subproduct unique code. Text (i.e. KOMOC)
Description	Subproduct description
Category	Subproduct category. Enumeration (VEHICLE, ESTATE)
IsRequired	True – subproduct is required in offers, False – optional subproduct
IsSelectedByDefault	True – should be selected by default in offer, False – should not be selected by default in offer
MinValue	Minimal insurance sum. Money
MaxValue	Maximum insurance sum. Money
DefaultSum	Default insurance sum. Money
Quantum	Available quantum to increase values
AvailableQuantumValues	Available quantum values. Array of object's

ParameterDetails property	Description
ParameterId	Parameter identifier (string)
Name	Parameter display name (string)
ValueType	Parameter value type. Enumeration ('Text', 'EnumText', 'Integer', 'Double', 'Date').
AvailableValues	Available values if enum. Array of objects
DefaultValue	Default parameter value.
Description	Parameter additional description

Attribute property	Description
AttributeId	Attribute identifier (string)
Name	Attribute display name (string)
ValueType	Attribute value type. Enumeration ('Text', 'EnumText', 'Integer', 'Double', 'Date').

EXAMPLE RESPONSE

```
{
  "Data": {
    "ProductHeader": {
      "Type": "VEHICLE_INSURANCE",
      "Code": "GEF-OC-05",
```

```

"Description": "Gefion Ubezpieczenia Komunikacyjne ważny od 04.10.2017"
},
"Subproducts": [
{
  "Code": "KOMOC",
  "Description": "ODPOWIEDZIALNOŚĆ CYWILNA POSIADACZA POJAZDÓW MECHANICZNYCH",
  "Category": "VEHICLE",
  "IsRequired": true,
  "IsSelectedByDefault": false,
  "MinValue": {
    "Amount": 5000000,
    "Currency": "EUR"
  },
  "MaxValue": {
    "Amount": 5000000,
    "Currency": "EUR"
  },
  "DefaultSum": {
    "Amount": 5000000,
    "Currency": "EUR"
  },
  "Quantum": null,
  "AvailableQuantumValues": []
}
],
"Parameters": [
{
  "ParameterId": "22ecb78a-323a-4269-84be-a336a2c4f28f",
  "Name": "ROSZCZENIA W CIĄGU OSTATNICH 6 LAT",
  "ValueType": "Text",
  "AvailableValues": [],
  "DefaultValue": null,
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "2bec3556-76c7-4d9a-a887-1d981a848470",
  "Name": "LICZBA RAT",
  "ValueType": "EnumText",
  "AvailableValues": [
    {
      "Value": "1",
      "MaxValue": "1",
      "MinValue": "1"
    }
  ],
  "DefaultValue": "1",
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "6d8f30dd-1bef-415e-b9e9-122a9782bad1",
  "Name": "OSOBA FIZYCZNA",
  "ValueType": "EnumText",
  "AvailableValues": [
    {
      "Value": "NIE",
      "MaxValue": "NIE",
      "MinValue": "NIE"
    },
    {
      "Value": "TAK",
      "MaxValue": "TAK",
      "MinValue": "TAK"
    }
  ],
  "DefaultValue": "TAK",
  "IsEditableInAnnex": true,
  "Description": null
},
{
  "ParameterId": "7e17e2dd-4939-41c5-9b47-eba399232052",
  "Name": "WAŻNE BADANIA TECHNICZNE",
  "ValueType": "EnumText",
  "AvailableValues": [
    {
      "Value": "NIE",
      "MaxValue": "NIE",
      "MinValue": "NIE"
    },
    {
      "Value": "TAK",
      "MaxValue": "TAK",
      "MinValue": "TAK"
    }
  ],
  "DefaultValue": "TAK",

```

```

    "IsEditableInAnnex": true,
    "Description": null
  },
  {
    "ParameterId": "877c3669-a162-4563-aaf2-3db31361123d",
    "Name": "LICZBA SZKÓD W CIĄGU OSTATNICH 12 M-CY",
    "ValueType": "Integer",
    "AvailableValues": [],
    "DefaultValue": null,
    "IsEditableInAnnex": true,
    "Description": null
  },
  {
    "ParameterId": "9055ca6d-014c-43d0-a810-6888078eee47",
    "Name": "LATA OD OSTATNIEJ SZKODY OC UBEZPIECZANEGO POJAZDU",
    "ValueType": "Integer",
    "AvailableValues": [],
    "DefaultValue": null,
    "IsEditableInAnnex": true,
    "Description": null
  },
  {
    "ParameterId": "abb1dcfc-593c-40b7-8e77-d8c63860f1de",
    "Name": "DATA WYDANIA PRAWA JAZDY",
    "ValueType": "Date",
    "AvailableValues": [],
    "DefaultValue": null,
    "IsEditableInAnnex": false,
    "Description": null
  },
  {
    "ParameterId": "dd55c73d-91d1-4b87-91ba-8957312acf3c",
    "Name": "ZNIŻKA MARKETINGOWA [%]",
    "ValueType": "EnumText",
    "AvailableValues": [
      {
        "Value": "0",
        "MaxValue": null,
        "MinValue": "0"
      },
      {
        "Value": "5",
        "MaxValue": null,
        "MinValue": "5"
      }
    ],
    "DefaultValue": "BRAK",
    "IsEditableInAnnex": true,
    "Description": null
  }
],
"InsuranceObjectAttributes": [
  {
    "AttributeId": "02c238e1-04b3-44de-b77b-cbe32bff7dc3",
    "Name": "NR REJESTRACYJNY",
    "ValueType": "Text",
    "IsHierarchic": false,
    "AvailableValues": []
  },
  {
    "AttributeId": "c0b26eac-3085-409e-893f-1580e61ca97f",
    "Name": "DATA PIERWSZEJ REJESTRACJI",
    "ValueType": "Date",
    "IsHierarchic": false,
    "AvailableValues": []
  },
  {
    "AttributeId": "06952754-1beb-45b4-a507-4c26bc94cb1c",
    "Name": "MARKA",
    "ValueType": "EnumText",
    "IsHierarchic": true,
    "AvailableValues": []
  },
  {
    "AttributeId": "548148c2-9aeb-4167-a6c7-ea8ae26aedd8",
    "Name": "MODEL",
    "ValueType": "EnumText",
    "IsHierarchic": true,
    "AvailableValues": []
  },
  {
    "AttributeId": "34dae477-a571-4c06-ae5b-f6d1b8fa67e4",
    "Name": "POJEMNOŚĆ [CCM]",
    "ValueType": "EnumText",
    "IsHierarchic": true,
    "AvailableValues": []
  }
],

```

```

{
  "AttributeId": "3d2867d4-ae27-4795-a3ac-f05c1676c88c",
  "Name": "MOC SILNIKA [KW]",
  "ValueType": "EnumText",
  "IsHierarchic": true,
  "AvailableValues": []
},
{
  "AttributeId": "e98b1e80-fed4-4d43-a7a4-5ebb125fbca8",
  "Name": "NR NADWOZIA (VIN)",
  "ValueType": "Text",
  "IsHierarchic": false,
  "AvailableValues": []
},
{
  "AttributeId": "f77d38b0-efc8-44dd-8e28-dbe2ceae5532",
  "Name": "PRZEZNACZENIE POJAZDU",
  "ValueType": "EnumText",
  "IsHierarchic": false,
  "AvailableValues": [
    {
      "Value": "UŻYTEK WŁASNY"
    },
    {
      "Value": "NAUKA JAZDY"
    },
    {
      "Value": "TAXI"
    },
    {
      "Value": "ZASTĘPCZY"
    },
    {
      "Value": "AMBULANCE"
    },
    {
      "Value": "DEMONSTRACYJNY"
    },
    {
      "Value": "LEASING"
    },
    {
      "Value": "RAJDY, TRENINGI"
    },
    {
      "Value": "RENT A CAR"
    },
    {
      "Value": "SŁUŻBOWY"
    },
    {
      "Value": "ODPŁATNY PRZEWÓZ OSÓB"
    },
    {
      "Value": "PRZEWÓZ PRZESYŁEK KURIERSKICH I EKSPRESOWYCH"
    }
  ]
},
{
  "AttributeId": "0130dd92-fc8e-49f5-a1d7-70b32f83e2db",
  "Name": "LICZBA MIEJSC",
  "ValueType": "Integer",
  "IsHierarchic": false,
  "AvailableValues": []
},
{
  "AttributeId": "a666d538-48cc-4bb8-9568-f77472ffe5a8",
  "Name": "ROK PRODUKCJI",
  "ValueType": "Integer",
  "IsHierarchic": false,
  "AvailableValues": []
},
{
  "AttributeId": "a4bd0d5e-2bcc-4126-8c69-a5bbbeb39b25",
  "Name": "KOD POJAZDU",
  "ValueType": "EnumText",
  "IsHierarchic": true,
  "AvailableValues": []
},
{
  "AttributeId": "8aeca0ae-f981-4b7a-abe0-a944b7cb6a8b",
  "Name": "RODZAJ POJAZDU",
  "ValueType": "EnumText",
  "IsHierarchic": true,
  "AvailableValues": []
}

```

```

        "AttributeId": "27d74c45-07c2-4489-ad00-053ffa48fa69",
        "Name": "RODZAJ SILNIKA",
        "ValueType": "EnumText",
        "IsHierarchic": true,
        "AvailableValues": []
    },
    {
        "AttributeId": "ec48cc23-6e2c-4172-9cb3-b5c901daa2cc",
        "Name": "DOPUSZCZALNA MASA CAŁKOWITA DMC [T]",
        "ValueType": "Double",
        "IsHierarchic": false,
        "AvailableValues": []
    },
    {
        "AttributeId": "bf5c1743-184a-41a1-b73c-8988d71213e5",
        "Name": "DOPUSZCZALNA ŁADOWNOŚĆ [T]",
        "ValueType": "Double",
        "IsHierarchic": false,
        "AvailableValues": []
    },
    {
        "AttributeId": "07d3bb6c-8150-48dc-acf1-1246eb19028a",
        "Name": "KIEROWNICA Z PRAWEJ STRONY",
        "ValueType": "EnumText",
        "IsHierarchic": false,
        "AvailableValues": [
            {
                "Value": "NIE"
            },
            {
                "Value": "TAK"
            },
            {
                "Value": "NIE"
            },
            {
                "Value": "TAK"
            }
        ]
    },
    {
        "AttributeId": "fffb885f3-de88-44d1-a125-724ba0d881a1",
        "Name": "POJAZD ZABYTKOWY",
        "ValueType": "EnumText",
        "IsHierarchic": false,
        "AvailableValues": [
            {
                "Value": "NIE"
            },
            {
                "Value": "TAK"
            }
        ]
    }
],
},
"ResultCode": "Success",
"Errors": null
}

```

SaveOffer

Description

Saves offer and returns calculation results plus marketing consents to fill by customer.

Request URL

```
https://XXX/api/Sales/SaveOffer
```

Request

REQUEST MODEL

```

SaveOfferCommand {
  OfferId (string, optional),
  ProductCode (string, optional),
  BeginProtectionDate (string, optional),
  Subproducts (Array[SubproductValue], optional),
  Parameters (Array[ParameterValue], optional),
  Holders (Array[Subject], optional),
  InsuranceObject (InsuranceObject, optional),
  Remarks (string, optional),
  Timestamp (string, optional)
}

SubproductValue {
  Code (string, optional),
  Value (Money, optional)
}

ParameterValue {
  Id (string, optional),
  Value (string, optional)
}

Subject {
  Type (string) = ['PERSON', 'FIRM'],
  Role (string) = ['OWNER', 'COOWNER', 'USER', 'CESSION_OWNER'],
  UseInCalculation (boolean, optional),
  Nip (string, optional),
  Remarks (string, optional),
  Addresses (Array[Address], optional)
}

InsuranceObject {
  Type (string) = ['VEHICLE', 'ESTATE'],
  Description (string, optional),
  Attributes (Array[InsuranceObjectAttributeValue], optional)
}

Money {
  Amount (number, optional, read only),
  Currency (string, read only) = ['PLN', 'EUR', 'EMPTY']
}

Address {
  Type (string) = ['REGISTERED', 'RESIDENCE', 'CORRESPONDENCE', 'HEADQUARTER', 'LOCATION'],
  Street (string, optional),
  BuildingNo (string, optional),
  ApartmentNo (string, optional),
  PostalCode (string, optional),
  Postal (string, optional),
  City (string, optional),
  Country (string) = ['PL', 'AL', 'AD', 'AT', ...]
}

InsuranceObjectAttributeValue {
  Id (string, optional),
  Value (string, optional)
}

```

EXAMPLE REQUEST

```

{
  "OfferId": "",
  "ProductCode": "GEF-OC-05",
  "BeginProtectionDate": "2018-02-19",
  "Subproducts": [{
    "Code": "KOMOC",
    "Value": {
      "Amount": 5000000,
      "Currency": "EUR"
    }
  }],
  "Parameters": [{
    "Id": "abb1dcfc-593c-40b7-8e77-d8c63860f1de",
    "Value": "2017-02-01"
  },
  {
    "Id": "2bec3556-76c7-4d9a-a887-1d981a848470",
    "Value": "1"
  },
  {
    "Id": "31b710a2-1a99-4be6-a29e-30006c216233",
    "Value": "5"
  }
],
  "Holders": [
    {
      "Type": "PERSON",
      "Role": "OWNER",
      "UseInCalculation": false,
      "Nip": "",
      "Remarks": "",
      "Addresses": [
        {
          "Type": "REGISTERED",
          "Street": "ul. Długa 1",
          "BuildingNo": "1",
          "ApartmentNo": "1",
          "PostalCode": "00-001",
          "Postal": "00-001",
          "City": "Warszawa",
          "Country": "PL"
        }
      ]
    }
  ],
  "InsuranceObject": {
    "Type": "VEHICLE",
    "Description": "Samochód osobowy",
    "Attributes": [
      {
        "Id": "1",
        "Value": "1"
      }
    ]
  },
  "Remarks": "",
  "Timestamp": ""
}

```

```

        "Id": "7e17e2dd-4939-41c5-9b47-eba399232052",
        "Value": "TAK"
    },
    {
        "Id": "dd55c73d-91d1-4b87-91ba-8957312acf3c",
        "Value": "0"
    },
    {
        "Id": "877c3669-a162-4563-aaf2-3db31361123d",
        "Value": "0"
    },
    {
        "Id": "9055ca6d-014c-43d0-a810-6888078eee47",
        "Value": "0"
    },
    {
        "Id": "6d8f30dd-1bef-415e-b9e9-122a9782bad1",
        "Value": "TAK"
    },
    {
        "Id": "22ecb78a-323a-4269-84be-a336a2c4f28f",
        "Value": "0"
    },
    {
        "Id": "79365158-80d8-440b-81bd-b7ca8fb90aab",
        "Value": "0"
    }
},
"Holders": [{
    "Type": "PERSON",
    "Role": "OWNER",
    "UseInCalculation": true,
    "Remarks": "Ciekawe",
    "FirstName": "Maciej",
    "LastName": "Nowak",
    "SecondName": "",
    "FamilyName": "",
    "FatherName": "",
    "MotherName": "",
    "PassportNo": "",
    "IdentityCardNo": "",
    "Pesel": "64052619078",
    "Citizenship": "PL",
    "Education": "BASIC",
    "Sex": "MALE",
    "BirthPlace": "Grunwald",
    "BirthDate": "1964-05-26",
    "DeathDate": "",
    "Addresses": [{
        "Type": "REGISTERED",
        "Street": "Wolska",
        "BuildingNo": "1",
        "ApartmentNo": "2",
        "PostalCode": "03-246",
        "Postal": "Warszawa",
        "City": "Warszawa",
        "Country": 1
    }
}],
"InsuranceObject": {
    "Type": "VEHICLE",
    "Description": "",
    "Attributes": [{
        "Id": "02c238e1-04b3-44de-b77b-cbe32bff7dc3",
        "Value": "WB34532"
    },
    {
        "Id": "c0b26eac-3085-409e-893f-1580e61ca97f",
        "Value": "2017-11-29T00:00:00.000Z"
    },
    {
        "Id": "06952754-1beb-45b4-a507-4c26bc94cb1c",
        "Value": "ACURA"
    },
    {
        "Id": "548148c2-9aeb-4167-a6c7-ea8ae26aeddb",
        "Value": "CL"
    },
    {
        "Id": "34dae477-a571-4c06-ae5b-f6d1b8fa67e4",
        "Value": "2156"
    },
    {
        "Id": "3d2867d4-ae27-4795-a3ac-f05c1676c88c",
        "Value": "108"
    }
],
{

```

```

        "Id": "e98b1e80-fed4-4d43-a7a4-5ebb125fbca8",
        "Value": "5NPEB4AC0DH54099s1"
    },
    {
        "Id": "f77d38b0-efc8-44dd-8e28-dbe2ceae5532",
        "Value": "UŻYTEK WŁASNY"
    },
    {
        "Id": "0130dd92-fc8e-49f5-a1d7-70b32f83e2db",
        "Value": "5"
    },
    {
        "Id": "a666d538-48cc-4bb8-9568-f77472ffe5a8",
        "Value": "2017"
    },
    {
        "Id": "a4bd0d5e-2bcc-4126-8c69-a5bbbeb39b25",
        "Value": "ACURACL/2156/108/B/SO/NN"
    },
    {
        "Id": "8aeca0ae-f981-4b7a-abe0-a944b7cb6a8b",
        "Value": "SAMOCHÓD OSOBOWY"
    },
    {
        "Id": "27d74c45-07c2-4489-ad00-053ffa48fa69",
        "Value": "BENZYNOWY"
    },
    {
        "Id": "ec48cc23-6e2c-4172-9cb3-b5c901daa2cc",
        "Value": "5"
    },
    {
        "Id": "bf5c1743-184a-41a1-b73c-8988d71213e5",
        "Value": "5"
    },
    {
        "Id": "07d3bb6c-8150-48dc-acf1-1246eb19028a",
        "Value": "NIE"
    },
    {
        "Id": "fffb885f3-de88-44d1-a125-724ba0d881a1",
        "Value": "NIE"
    }
    ]
},
"Remarks": "Tekst 2",
"Timestamp": ""
}

```

PARAMETERS

Command property	Description
Offerd	Offer identifier (Text). Must be empty if new offer should be created. If existing offer should be updated then OfferId property must be set. Method SaveOffer always returns identifier of created/updated offer.
ProductCode	Product unique code. Text (i.e. GEF-OC-05).
BeginProtectionDate	Begin protection date. Date
Subproducts	Chosen subproducts. Array of obejcts.
Parameter	Values of parameters. Array of objects.
Holders	Offer holders. Array of objects (Person/Firm)
InsuranceObject	Insurance object. InsuranceObject
Timestamp	Server timestamp for offer representation in database. For new offer can be null.
Remarks	Remarks. Text

SubproductValue property	Description
Code	Subproduct unique code. Text (i.e. KOMOC).
Value	Insurance sum of subproduct

ParameterValue property	Description
Id	Parameter identifier. Text
Value	Value of parameter. Text

Holder property	Description
Type	Holder ttype enumeration Default value: PERSON
Role	Holder role enumeration Default value: OWNER
UseInCalculation	Holder is use in offer calculation. Boolean
FirstName	Holder first name. Text
SecondName	Holder second name. Text
LastName	Holder last name. Text
FamilyName	Holder family name. Text
Pesel	Holder PESEL. Text
Nip	Holder tax number. Text
PassportNo	Holder passport number. Text
Sex	Holder sex Default value: MALE
Citizenship	Holder city. Text
BirthPlace	Holder birth place. Text
BirthDate	Holder birth date. Text
DeathDate	Holder death date. Text
MotherName	Holder mother first name. Text
FatherName	Holder father first name. Text
Addresses	Addresses. Array of Address objects
Remarks	Remarks

Firm property	Description
Type	Holder type. Default value: “FIRM”
Role	Holder role. Default value: “OWNER”
UseInCalculation	Is used to calculation. Default value “true”
Name	Firm’s name. Text
ShortName	Firm’s short name. Text
LastName	Last name. Text
IsBranch	True – firm is branch, False – firm
Pesel	PESEL. Text
Nip	NIP. Text
Regon	REGON. Text
Krs	KRS. Text
Country	Country. Text (PL, LT, ...)
Addresses	Addresses. Array of Address objects
Remarks	Remarks. Text

Address property	Description
AddressType	Address type. Text ('REGISTERED', 'RESIDENCE', 'CORRESPONDENCE', 'HEADQUARTER', 'LOCATION')
Street	Street. Text
BuildingNo	Bilding number. Text
AppartmentNo	Appartment number. Text
PostalCode	Postal code. Text
Postal	Postal. Text
City	City. Text
Country	Country. Text (PL, LT, ...)

InsuranceObject property	Description
Type	Insurance object type. Text : [“VEHICLE”,” ESTATE”]
Description	Description. Text
Attributes	Insurance object attribute. Array of Object

Attribute property	Description
Id	Unique attribute identifier. Guid
Value	Attribute value. Text

Estate property	Description
InsuranceObjectType	ESTATE
Address	Estate Address. Address object
Remarks	Remarks. Optional text

Response

RESPONSE MODEL

```
Result[SaveOfferResult,Error] {
  Data (SaveOfferResult, optional, read only),
  ResultCode (string, optional, read only) = ['Success', 'ValidationError', 'SecurityError',
'ServerError'],
  Errors (Array[Error], optional, read only)
}

SaveOfferResult {
  Id (string, optional),
  Signature (string, optional),
  Timestamp (string, optional),
  PremiumSum (MoneyDTO, optional),
  MarketingConsents (Array[MarketingConsents], optional),
  Subproducts (Array[OfferSubproductResult], optional),
  PaymentInstallments (Array[OfferPaymentInstallmentResult], optional),
  AllowedPaymentTypes (Array[PaymentType], optional)
}

MoneyDTO {
  Amount (number, optional, read only),
  Currency (string, optional, read only) = ['PLN', 'EUR', 'EMPTY']
}

MarketingConsents {
  Id (integer, optional),
  Description (string, optional),
  Content (string, optional),
  IsSelectedByDefault (boolean, optional)
}

OfferSubproductResult {
```

```

    Code (string, optional),
    Name (string, optional),
    IsClosedByAnnex (boolean, optional),
    LiabilityAmount (MoneyDTO, optional),
    Premium (MoneyDTO, optional)
}

OfferPaymentInstallmentResult {
    No (integer, optional),
    PaymentPeriod (string, optional),
    ValidFrom (string, optional),
    ValidTo (string, optional),
    Amount (MoneyDTO, optional)
}

PaymentType {
    Type (string, optional) = ['Cash', 'Transfer', 'TransferDeferred', 'CashOnDelivery', 'TransferToClient'],
    IsFirstPaymentDateCanBeSet (boolean, optional)
}

```

PARAMETERS

Command property	Description
rd	Offer identifier (Text). Must be empty if new offer should be created. If existing offer should be updated then OfferId property must be set. Method SaveOffer always returns identifier of created/updated offer.
Signature	Offer signature. Text
PremiumSum	Offer premium sum. Money object
Subproducts	Chosen subproducts results. Array of obejcts.
MarketingConsents	Marketing consents for holder. Array of MarketingConsents objects
PaymentInstallments	Offer payments installments. Array of OfferPaymentInstallmentResult objects
AllowedPaymentTypes	Offer allowed payment types. Array of PaymentType objects
Timestamp	Server timestamp for offer representation in database. For new offer can be null.

OfferSubproductResult property	Description
Code	Subproduct unique code. Text (i.e. KOMOC).
Name	Subproduct name. Text
IsClosedByAnnex	Subproduct can be closed by annex. Boolean
LiabilityAmount	Subproduct liability amount. Money objects
Premium	Subproduct premium sum. Money object

MarketingConsents property	Description
Id	Marketing consents unique id. Number
Description	Marketing consents description. Text
Content	Marketing consents content. Text
IsSelectedByDefault	Marketing consents default consent

OfferPaymentInstallmentResult property	Description
No	Payment installment number. Integer
PaymentPeriod	Payment installment period. Text
ValidFrom	Payment installment payment date from. Text
ValidTo	Payment installment payment date to. Text
Amount	Payment installment amount

PaymentType property	Description
Type	Offer payment type. Default value "Cash"
IsFirstPaymentDateCanBeSet	Can we change first payment date. Boolean

RESPONSE EXAMPLE

```
{
  "Data": {
    "Id": "43cca84f-0d6b-4bb3-8444-78d1c80cbff0",
    "Signature": "0000021215",
    "Timestamp": "AAAAAADlkw=",
    "PremiumSum": {
      "Amount": 5247,
      "Currency": "PLN"
    }
  },
  "MarketingConsents": [
    {
      "Id": 1,
      "Description": "Przetwarzanie danych w celach marketingowych",
      "Content": "Wyrażam zgodę na przetwarzanie moich danych osobowych, w tym danych uzyskanych w przyszłości, jak również dane objęte tajemnicą ubezpieczeń, przez Gefion Insurance A/S dla celów marketingowych i analizy. Zgoda jest dobrowolna. Mam prawo dostępu do treści moich danych oraz prawo do poprawiania danych. Wyrażam zgodę na udział moich danych osobowych, w tym danych objętych tajemnicą ubezpieczenia i innych analitycznych niż te opisane powyżej, podmiotom gospodarczym, należących do grupy Gefion Insurance A/S i świadczących usługi ubezpieczeniowe i finansowe.",
      "IsSelectedByDefault": false
    },
    {
      "Id": 2,
      "Description": "Realizacja umowy - Klient",
      "Content": "Wyrażam zgodę na przetwarzanie przez Gefion Insurance A/S z siedzibą w Danii: Ostergade 10, DK-1100 Copenhagen K, a także Polins Sp. z o.o. (Przedstawiciel na Polskę) z siedzibą w Żychlinie przy ulicy Gabriela Narutowicza 18, moich danych osobowych, zgodnie z przepisami ustawy z dnia 29 sierpnia 1997 r. o ochronie danych osobowych (Dz. U. z 2002 r. Nr 101, pozycja 926). Dane osobowe zostały przeze mnie podane dobrowolnie, w celu zawarcia i wykonania umowy ubezpieczenia. Należy pamiętać, że dane osobowe, w tym poufne dane będą przetwarzane przez Gefion z celu obsługi oraz wykonywania Umowy, do celów analitycznych i marketingu bezpośredniego własnych produktów i usług. Przesyłania danych jest dobrowolne, ale niezbędne do zawarcia umowy. Masz prawo do dostępu do informacji oraz prawo do ich poprawiania.",
      "IsSelectedByDefault": true
    },
    {
      "Id": 3,
      "Description": "Realizacja umowy - inny uczestnik umowy",
      "Content": "Wyrażam zgodę na realizację umowy",
      "IsSelectedByDefault": true
    }
  ],
  "Subproducts": [
    {
      "Code": "KOMOC",
      "Name": "ODPOWIEDZIALNOŚĆ CYWILNA POSIADACZA POJAZDÓW MECHANICZNYCH",
      "IsClosedByAnnex": false,
      "LiabilityAmount": {
        "Amount": 5000000,
        "Currency": "PLN"
      },
      "Premium": {
        "Amount": 5247,
        "Currency": "PLN"
      }
    }
  ],
  "PaymentInstallments": [
    {
      "No": 1,
      "PaymentPeriod": "2018-02-02T12:56:50.027",
    }
  ]
}
```

```

        "ValidFrom": "2018-02-02T00:00:00",
        "ValidTo": "2019-02-01T23:59:00",
        "Amount": {
            "Amount": 5247,
            "Currency": "PLN"
        }
    },
    "AllowedPaymentTypes": [
        {
            "Type": "Cash",
            "IsFirstPaymentDateCanBeSet": false
        }
    ]
},
"ResultCode": "Success",
"Errors": null
}

```

CREATEANNEXOFFER

Description

Creates annex offer. Method copies data from original policy to new offer which will be used to create annex policy.

REQUEST MODEL

```

{
    PolicyId (string),
    AnnexReason (AnnexReason),
    AnnexEffectiveDate (string) ('POLICY_CONDITIONS_CHANGE', 'POLICY_SUBPRODUCTS_CLOSE'),
    Remarks (string),
    Timestamp (string)
}

```

PARAMETERS

Command property	Description
PolicyId	Policy identifier.
AnnexReason	Annex reason code. Accepted values: 'POLICY_CONDITIONS_CHANGE', 'POLICY_SUBPRODUCTS_CLOSE'
AnnexEffectiveDate	Annex effective date. Must be date inside the activity time period of original policy.
Remarks	Remarks for annex
Timestamp	Policy timestamp

REQUEST EXAMPLE VALUE:

```

{
    "PolicyId": "FBB20F06-AD87-4B92-AAD2-8F3ECE3913DC",
    "AnnexReason": "POLICY_CONDITIONS_CHANGE",
    "AnnexEffectiveDate": "2018-01-10",
    "Remarks": "To jest aneks",
    "Timestamp": "AAAAAAaCiQ="
}

```

REQUEST MODEL

Response model is identical to response of SaveOffer method.

SAVEANNEXOFFER

Description

Saves annex offer. Method is very similar to SaveOffer described before.

REQUEST MODEL

```
{
  OfferId (string),
  AnnexReason (AnnexReason),
  AnnexEffectiveDate (string) ('POLICY_CONDITIONS_CHANGE', 'POLICY_SUBPRODUCTS_CLOSE'),
  Subproducts (Array[SubproductValue]),
  Parameters (Array[ParameterValue]),
  Holders (Array[Person/Firm]),
  InsuranceObject (Vehicle/Estate),
  Remarks (string, optional),
  Timestamp (string, optional)
}
Subproducts [
  {
    Code (string),
    Value (Money)
  }
],
Parameters [
  {
    Id (string),
    Value (string)
  }
]
InsuranceObject {
  InsuranceObjectType (text),
  Description (text),
  Attributes {Array[InsuranceObjectAttributeValue]},
}
InsuranceObjectAttributeValue {
  Id (string),
  Value (string)
}
Estate {
  InsuranceObjectType (text = "ESTATE")
  Address (Address),
  Remarks (text, optional)
}
Person {
  Type: "string",
  Role: "string".
  UseInCalculation: "bool"
  FirstName (string),
  SecondName (string, optional),
  LastName (string),
  FamilyName (string, optional),
  Pesel (string),
  Nip (string, optional),
  PassportNo (string, optional),
  IdentityCardNo (string),
  Sex (string ['MALE', 'FEMALE']),
  Citizenship (string ['PL', 'LT', ...]),
  Education (string [UNKNOWN, BASIC, BASIC_PROFESSIONAL, SECONDARY, HIGHER, HIGER_PROFESSIONAL]),
  BirthPlace (string, optional),
  BirthDate (date),
  MotherName (string, optional),
  FatherName (string, optional),
  Addresses (Array[Address]),
  Remarks (string, optional)
}
Firm {
  Type: "string",
  Role: "string".
  UseInCalculation: "bool"
  Name (string),
  ShortName (string),
  IsBranch (Boolean),
  Nip (string),
  Regon (string),
  Krs (string, optional),
  Country (Country),
  Address (Array[Address]),
  Remarks (string, optional),
  Timestamp (string, optional)
}
Address {
  Type (string ["REGISTERED", "RESIDENCE", "CORRESPONDENCE", "HEADQUARTER", "LOCATION"]),
  Street (string),
```

```

BuildingNo (string),
AppartmentNo (string, optional),
PostalCode (string),
Postal (string),
City (string),
Country (string ['PL', 'LT', 'CZ', 'SK', 'UA', 'BY', ...])
}
Money {
  Amount (number),
  Currency (string) = ['PLN', 'EUR', 'EMPTY']
}

```

REQUEST EXAMPLE VALUE:

```

{
  "OfferId": "ca3a4639-fb0c-42a4-82e6-befd04755dae",
  "AnnexReason": "POLICY_CONDITIONS_CHANGE",
  "AnnexEffectiveDate": "2018-02-10",
  "Subproducts": [{
    "Code": "KOMOC",
    "Value": {
      "Amount": 5000000,
      "Currency": "EUR"
    }
  }],
  "Parameters": [{
    "Id": "0a1309ad-8d95-40fe-85f8-42821f90fbbe",
    "Value": "21"
  }, {
    "Id": "22ecb78a-323a-4269-84be-a336a2c4f28f",
    "Value": "0"
  }, {
    "Id": "2bec3556-76c7-4d9a-a887-1d981a848470",
    "Value": "1"
  }, {
    "Id": "6d8f30dd-1bef-415e-b9e9-122a9782bad1",
    "Value": "TAK"
  }, {
    "Id": "79365158-80d8-440b-81bd-b7ca8fb90aab",
    "Value": "0"
  }, {
    "Id": "7e17e2dd-4939-41c5-9b47-eba399232052",
    "Value": "TAK"
  }, {
    "Id": "877c3669-a162-4563-aaf2-3db31361123d",
    "Value": "0"
  }, {
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    "Value": "2017-10-30"
  }, {
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    "Value": "0"
  }, {
    "Id": "ab448b79-9306-4e9e-ad41-501fb5448975",
    "Value": "59-140"
  }, {
    "Id": "dd55c73d-91d1-4b87-91ba-8957312acf3c",
    "Value": "0"
  }],
  "Holders": [{
    "Type": "PERSON",
    "Role": "OWNER",
    "UseInCalculation": true,
    "Remarks": "Ciekawe",
    "FirstName": "Jan",
    "LastName": "Nowak",
    "SecondName": "Eustachy",
    "FamilyName": "Zerwij-Kaptur",
    "FatherName": "Zbyszko",
    "MotherName": "Jagienka",
    "PassportNo": "DF2899453",
    "IdentityCardNo": "ABY445651",
    "Pesel": "95120511079",
    "Nip": "6187727855",
    "Citizenship": "PL",
    "Education": "BASIC",
    "Sex": "MALE",
    "BirthPlace": "Grunwald",
    "BirthDate": "1995-12-05",
    "DeathDate": "",
    "Addresses": [{
      "Type": 1,
      "Street": "Wolska",

```

```

        "BuildingNo": "1",
        "AppartmentNo": "2",
        "PostalCode": "03-246",
        "Postal": "Warszawa",
        "City": "Warszawa",
        "Country": 1
    }
}],
"InsuranceObject": {
    "Type": 1,
    "Description": "string",
    "Attributes": [{
        "Id": "02c238e1-04b3-44de-b77b-cbe32bfff7dc3",
        "Value": "WJ5656E"
    }, {
        "Id": "c0b26eac-3085-409e-893f-1580e61ca97f",
        "Value": "2015-01-01"
    }, {
        "Id": "06952754-1beb-45b4-a507-4c26bc94cb1c",
        "Value": "ACURA"
    }, {
        "Id": "548148c2-9aeb-4167-a6c7-ea8ae26aedd",
        "Value": "CL"
    }, {
        "Id": "34dae477-a571-4c06-ae5b-f6d1b8fa67e4",
        "Value": "2156"
    }, {
        "Id": "3d2867d4-ae27-4795-a3ac-f05c1676c88c",
        "Value": "108"
    }, {
        "Id": "27d74c45-07c2-4489-ad00-053ffa48fa69",
        "Value": "BENZYNOWY"
    }, {
        "Id": "e98b1e80-fed4-4d43-a7a4-5ebb125fbca8",
        "Value": "WDDHF5GB3AA253143"
    }, {
        "Id": "f77d38b0-efc8-44dd-8e28-dbe2ceae5532",
        "Value": "UŻYTEK WŁASNY"
    }, {
        "Id": "0130dd92-fc8e-49f5-a1d7-70b32f83e2db",
        "Value": "5"
    }, {
        "Id": "a666d538-48cc-4bb8-9568-f77472ffe5a8",
        "Value": "2015"
    }, {
        "Id": "a4bd0d5e-2bcc-4126-8c69-a5bbbeb39b25",
        "Value": "ACURACL/2156/108/B/S0/NN"
    }, {
        "Id": "8aeca0ae-f981-4b7a-abe0-a944b7cb6a8b",
        "Value": "SAMOCHÓD OSOBOWY"
    }, {
        "Id": "bf5c1743-184a-41a1-b73c-8988d71213e5",
        "Value": "5"
    }, {
        "Id": "ec48cc23-6e2c-4172-9cb3-b5c901daa2cc",
        "Value": "5"
    }, {
        "Id": "ffb885f3-de88-44d1-a125-724ba0d881a1",
        "Value": "NIE"
    }, {
        "Id": "07d3bb6c-8150-48dc-acf1-1246eb19028a",
        "Value": "NIE"
    }
    ]
},
"Remarks": "Test",
"Timestamp": "AAAAAAAdlt8="
}

```

PARAMETERS

Command property	Description
OfferId	Offer identifier (Text). Must be empty if new offer should be created. If existing offer should be updated then OfferId property must be set. Method SaveOffer always returns identifier of created/updated offer.
AnnexReason	Annex reason code. Accepted values: 'POLICY_CONDITIONS_CHANGE', 'POLICY_SUBPRODUCTS_CLOSE'
AnnexEffectiveDate	Annex effective date. Must be date inside the activity time period of original policy.
Subproducts	Chosen subproducts. Array of objects.
Parameter	Values of parameters. Array of objects.
Holders	Offer holders. Array of objects (Person/Firm)
InsuranceObject	Insurance object. InsuranceObject
Timestamp	Server timestamp for offer representation in database. For new offer can be null.
Remarks	Remarks. Text

SubproductValue property	Description
Code	Subproduct unique code. Text (i.e. KOMOC).
Value	Insurance sum of subproduct

ParameterValue property	Description
Id	Parameter identifier. Text
Value	Value of parameter. Text

Person property	Description
Type	Holder type. Default value: “PERSON”
Role	Holder role. Default value: “OWNER”
UseInCalculation	Is used to calculation. Default value “true”
FirstName	First name. Text
SecondName	Second name. Optional text
LastName	Last name. Text
FamilyName	Family name. Optional text
Pesel	PESEL. Text
Nip	NIP. Text
PassportNo	Passport number. Optional text
Sex	Sex. Text (MALE, FEMALE)
Citizenship	Citizenship. Text (PL, LT, ...)
BirthPlace	Birth place. Text
BirthDate	Birth date. Date
DeathDate	Death date. Optional date
MotherName	Mother’s name. Optional text
FatherName	Father’s name. Optional text
Addresses	Addresses. Array of Address objects
Remarks	Remarks. Text

Firm property	Description
Type	Holder type. Default value: “FIRM”
Role	Holder role. Default value: “OWNER”
UseInCalculation	Is used to calculation. Default value “true”
Name	Firm’s name. Text
ShortName	Firm’s short name. Text
LastName	Last name. Text
IsBranch	True – firm is branch, False – firm
Pesel	PESEL. Text
Nip	NIP. Text
Regon	REGON. Text
Krs	KRS. Text
Country	Country. Text (PL, LT, ...)
Addresses	Addresses. Array of Address objects
Remarks	Remarks. Text

Address property	Description
AddressType	Address type. Text ('REGISTERED', 'RESIDENCE', 'CORRESPONDENCE', 'HEADQUARTER', 'LOCATION')
Street	Street. Text
BuildingNo	Building number. Text
AppartmentNo	Appartment number. Text
PostalCode	Postal code. Text
Postal	Postal. Text
City	City. Text
Country	Country. Text (PL, LT, ...)

InsuranceObject property	Description
Type	Insurance object type. Text : ["VEHICLE", "ESTATE"]
Description	Description. Text
Attributes	Insurance object attribute. Array of Object

Attribute property	Description
Id	Unique attribute identifier. Guid
Value	Attribute value. Text

Estate property	Description
InsuranceObjectType	ESTATE
Address	Estate Address. Address object
Remarks	Remarks. Optional text

RESPONSE MODEL:

Response model is identical to response of SaveOffer method.

CreatePolicy

Description

Creates policy and signs policy

Request URL

```
http://localhost/ABPWebApi/api/Sales/CreatePolicy
```

Request

REQUEST MODEL

```
ModelExample Value
CreatePolicyCommand {
  OfferId (string, optional),
  PaymentType (PaymentTypeValue, optional),
  MarketingConsentValues (Array[MarketingConsentValue], optional),
  FirstPaymentDate (string, optional),
  Timestamp (string, optional)
```

```
}
PaymentTypeValue {
  Type (string, optional) = ['Cash', 'Transfer', 'TransferDeferred', 'CashOnDelivery', 'TransferToClient'],
  FirstPaymentDate (string, optional)
}
MarketingConsentValue {
  Id (integer, optional),
  Value (boolean, optional)
}
```

PARAMETERS

Command property	Description
Signature	Offer signature. Text
PaymentType	Chosen payment type. PaymentTypeValue object
MarketingConsents	Identifiers of chosen marketing consents. Array of numbers

PaymentType property	Description
Type	Enumeration of payments type ['Cash', 'Transfer'],
FirstPaymentDate	First payment date. Optional date

MarketingConsentValues property	Description
Id	Identifier of marketing constant. Number
Value	Marketing constant value. Bool

REQUEST EXAMPLE

```
{
  "OfferId": "3ff2b706-a755-4e3e-942b-c15732f12173",
  "PaymentType": {
    "Type": "Cash",
    "FirstPaymentDate": "2018-02-05"
  },
  "MarketingConsentValues": [
    {
      "Id": 1,
      "Value": true
    },
    {
      "Id": 2,
      "Value": true
    },
    {
      "Id": 3,
      "Value": true
    }
  ]
}
```

Response

RESPONSE MODEL

```
Result {
  Data (CreatePolicyResult, optional),
  ResultCode (string) = ['Success', 'ValidationError', 'SecurityError', 'ServerError'],
  Errors (Array[Error], optional)
}
CreatePolicyResult {
  PolicySignature (string),
  Id (string)
}
```

```
}
}
```

PARAMETERS

Result property	Description
PolicySignature	Policy signature. It is equal to offer signature
Id	Policy identifier

RESPONSE EXAMPLE

```
{
  "Data": {
    "PolicySignature": "0000018719",
    "Id": "5a4619d5-ad6e-42d9-82e7-734d208d5a16",
  },
  "ResultCode": "Success",
  "Errors": null
}
```

Print service operations

Get

Description

Returns policy details information.

Request URL

https://XXX/api/Prints/Get

Request

REQUEST MODEL

```
{
  "PrintType": "OFFER",
  "Id": "000000000-0000-0000-0000-000000000000"
}
```

EXAMPLE REQUEST

```
{
  "PrintType": "POLICY",
  "Id": "32f2bdd2-8ddd-4946-ab4c-8979541768b6"
}
```

PARAMETERS

Property	Description
PolicyType	Print type. Enumeration e.g POLICY, OFFER
Id	Unique policy id. Guid.

Response

Return response with file stream. Content type: application/pdf.

MICHAŁ
665380720

PUŁAWSKA 303
02-785 WARSZAWA MZ
POLAND

1 KG

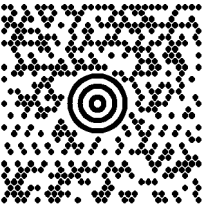
1 OF 1

SHP#: 6819 VX3J 9V8
SHP WT: 1 KG
DATE: 29 AUG 2017

SHIP
TO:

MICROSOFT IRELAND OPNS, LTD.
491850882663
MICROSOFT EUROPE REPAIR CENTER
ROBERT BOSCH STRASSE 4

64320 FRANKFURT
GERMANY

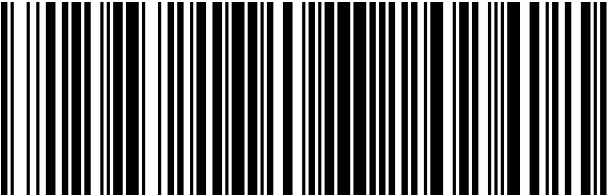


DEU 063 9-39



UPS STANDARD

TRACKING #: 1Z 681 9VX 91 0196 5892



BILLING: P/P
DESC: REPAIR ITEM
RETURN SERVICE

RS

REF: 1396471426

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