

A stylized, light blue line-art skyline of a city with various building shapes, positioned at the top of the page.

C360 - LOS API Documentation

Implementation Specs *v1.0 - Draft*

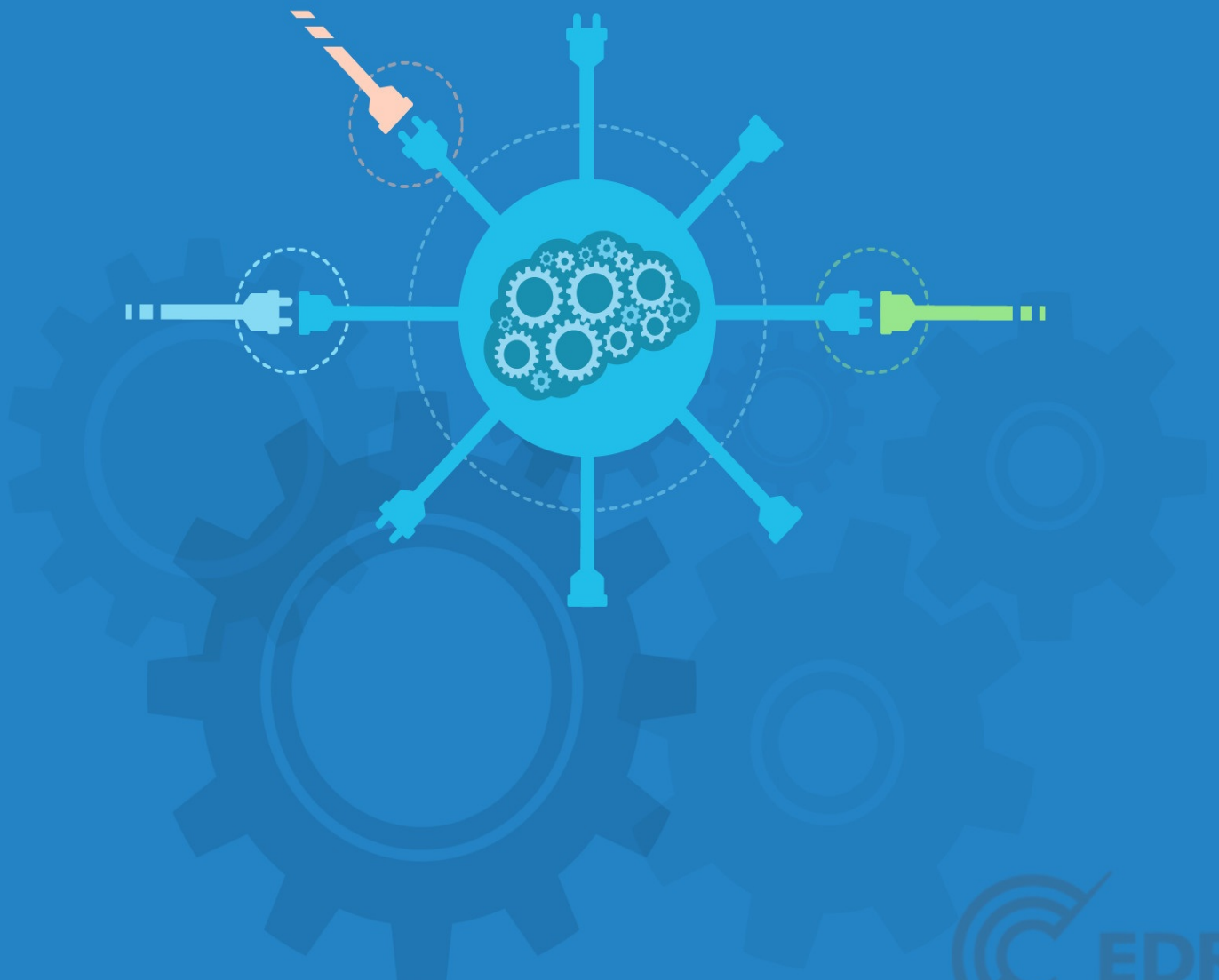


Table of Contents

Introduction	1.1
Dictionary	1.2
Authentication	1.3
Error Handling	1.4
Errors Codes	1.4.1
Errors	1.4.2
API List	1.5
SRF Fields API	1.5.1
SRF API	1.5.2
SRF Status API	1.5.3
SRF Download API	1.5.4
SRF Download Assets API	1.5.5

API Introduction

The EDR API Product is a set of application program interfaces designed to provide access to EDR services. Using the APIs you will enable you to create and manage service requests. The EDR API Product provides both RESTful and XML interfaces.

The API product uses OAuth2 authentication to secure the calls from your system.

API Descriptions

The first API product set available to integration developers is the SRF API Product (Service Request Form)

SRF Fields

This endpoint returns a full JSON Schema for the Service Request Form. The schema contains all the details needed for a developer to build robust interfaces to the EDR platform.

SRF

The SRF endpoint will create a new DRAFT service request.

SRF Status

The Status endpoint returns the details on a existing SRF location and services.

SRF Download

Calling the Download endpoint starts the downloading of a specific SRF Asset.

SRF Download Assets

The Download Assets endpoint returns a list of downloadable assets for a given SRF

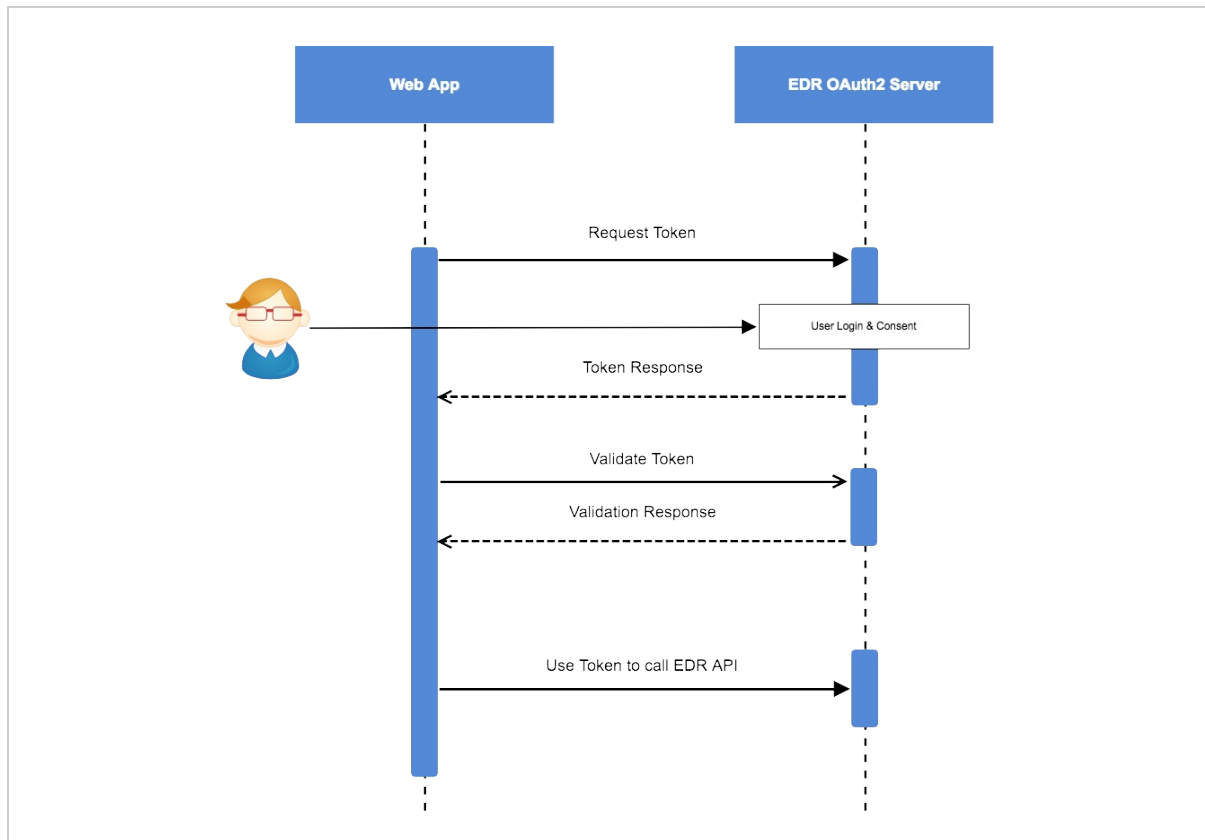
Dictionary

Term	Definition

Authentication

OAuth2

EDR uses only the Client Credentials grant. A general OAuth2 workflow can be seen in the following diagram.



The client must register for a `clientId` and `secret key`.

- `clientId`: confidentialApplication
- `secret`: topSecret

Obtaining a token

To obtain a token you should POST your `clientId` and secret key to <https://security.edrnet.com/oauth/token>.

You need to include the client credentials in request headers and the grant type in request body:

- Headers
 - Authorization: "Basic " + `clientId:secret` base64'd
 - (for example, to use confidentialApplication:topSecret, you should send Basic Y29uZmlkZW50aWFsQXBwGljYXRpb246dG9wU2VjcmV0) Content-Type:

application/x-www-form-urlencoded

For example, using curl:

```
curl https://security.edrnet.com/oauth/token \
-H "Authorization: Basic Y29uZmlkZW50aWFsQXBwbGljYXRpb246dG9wU2VjcmV0" \
-H "Content-Type: application/x-www-form-urlencoded"
```

```
{
  "token_type": "bearer",
  "access_token": "72ab415822b56cf0f9f93f07fe978d9aae859325",
  "expires_in": 3600
}
```

Using the token

Now, you can use your brand-new token to access restricted areas. For example, you can GET to <https://api.edrnet.com/> including your token at headers:

- Headers
 - Authorization: "Bearer " + access_token (for example, Bearer 72ab415822b56cf0f9f93f07fe978d9aae859325)

For example, using curl:

```
curl https://api.edrnet.com/ \
-H "Authorization: Bearer 72ab415822b56cf0f9f93f07fe978d9aae859325"
```

Errors Codes

Simple Errors

Name	Code	Description
Bad request	400	The request was unacceptable
Unauthorized	401	The request has not been applied because it lacks valid authentication credentials for the target resource.
Forbidden	403	The server understood the request, but is refusing to fulfill it
Not Found	404	The server has not found anything matching the request URI
Not acceptable	406	The server is unable to return a response in the format that was requested by the client
Unsupported Media Type	415	The server is refusing to service the request because the entity of the request is in a format not supported by the requested resource for the requested method
Too many requests	429	Too many requests hit the API too quickly
Server error	500	A technical error occurred in Restlet Cloud

Detailed Errors

Name	Code	Description
Unprocessable entity	422	The server understands the content type of the request entity, and the syntax of the request entity is correct, but was unable to process the contained instructions.

Errors

This API uses standard HTTP status codes to indicate the status of a response.

There are two main categories of error responses. Each have a different response payload structure.

```
{
  "response": {
    "code": 400,
    "description": "Could not process",
    "reason": "Bad Request"
  },
  "data": null
}
```

Code

Codes will be provided from [Error Codes](#).

Description

When possible EDR will provide a detailed description as provided by the system for the error.

Reason

The reasons can range from but limited to the following list.

Reason	Description
Bad Request	Bad Request pertains to situations a fault is generated due to a query string or parameter
Forbidden	Pertains to operations which are forbidden by the client

SRF Fields API

The SRF Fields API will return a template of JSON or XML data schema. It will be up to the developer to make sure they provide proper data according to the JSON Schema in order to properly create a SRF within C360.

JSON Schema Model

This JSON Schema represents the minimal data requirements and the required fields

```
{
  "$id": "http://example.com/example.json",
  "type": "object",
  "$schema": "http://json-schema.org/draft-07/schema#",
  "properties": {
    "projectName": {
      "$id": "/properties/projectName",
      "type": "string",
      "title": "The Projectname Schema ",
      "default": "",
      "examples": [
        "string"
      ]
    },
    "cabinet": {
      "$id": "/properties/cabinet",
      "type": "string",
      "title": "The Cabinet Schema ",
      "description": "C360 organized vendor information as Cabinets, much like a filing cabinet. Even if you have one vendor, you form data is organized by Cabinet Name.",
      "default": "",
      "$ref": "#/definitions/cabinets",
      "examples": [
        "string"
      ]
    },
    "loanNumber": {
      "$id": "/properties/loanNumber",
      "type": "string",
      "title": "The Loannumber Schema ",
      "default": "",
      "examples": [
        "string"
      ]
    },
    "accountOfficer": {
```

```
    "$id": "/properties/accountOfficer",
    "type": "string",
    "title": "The Accountofficer Schema ",
    "default": "",
    "examples": [
      "string"
    ]
  },
  "requestor": {
    "$id": "/properties/requestor",
    "type": "string",
    "title": "The Requestor Schema ",
    "default": "",
    "examples": [
      "string"
    ]
  },
  "loanAmount": {
    "$id": "/properties/loanAmount",
    "type": "number",
    "title": "The Loanamount Schema ",
    "default": 0.00,
    "examples": [
      1000.00
    ]
  },
  "currency": {
    "$id": "/properties/currency",
    "type": "string",
    "title": "The Currency Schema ",
    "default": "USD",
    "enum": [
      "USD"
    ],
    "examples": [
      "USD"
    ]
  },
  "borrower": {
    "$id": "/properties/borrower",
    "type": "string",
    "title": "The Borrower Schema ",
    "default": "",
    "examples": [
      "string"
    ]
  },
  "loanPurpose": {
    "$id": "/properties/loanPurpose",
    "type": "string",
    "title": "The Loanpurpose Schema ",
```

```
    "default": "",
    "$ref": "#/definitions/loanPurposes",
    "examples": [
      "SBA"
    ]
  },
  "extended": {
    "$id": "/properties/extended",
    "type": "object"
  },
  "collaterals": {
    "$id": "/properties/collaterals",
    "type": "array",
    "items": {
      "$id": "/properties/collaterals/items",
      "type": "object",
      "properties": {
        "addresses": {
          "$id": "/properties/collaterals/items/properties/addresses",
          "title": "The Addresses Schema ",
          "type": "array",
          "default": "",
          "items": {
            "$ref": "#/definitions/addresses"
          },
          "examples": [
            "string"
          ]
        },
        "propertyType": {
          "$id": "/properties/collaterals/items/properties/propertyType",
          "type": "string",
          "title": "The Propertytype Schema ",
          "default": "",
          "$ref": "#/definitions/propertyTypes",
          "examples": [
            "string"
          ]
        }
      },
      "examples": [
        "string"
      ]
    },
    "examples": [
      "string"
    ]
  },
  "services": {
    "$id": "/properties/collaterals/items/properties/services",
    "title": "The Services Schema ",
    "type": "array",
    "default": "",
    "items": {
      "$ref": "#/definitions/services"
    },
    "examples": [
      "string"
    ]
  },
  "examples": [
    "string"
  ]
}
```

```
        "extended": {
          "$id": "/properties/collaterals/items/properties/extended",
          "type": "object"
        }
      },
      "required": [
        "addresses",
        "propertyType",
        "services",
        "extended"
      ]
    }
  },
  "definitions": {
    "addresses": {
      "$id": "/definitions/addresses",
      "title": "Address",
      "type": "object",
      "properties": {
        "street_address": {
          "$id": "/definitions/address/properties/street_address",
          "type": "string",
          "title": "The Street Address Schema ",
          "default": "",
          "example": [
            "string"
          ]
        },
        "optional_address": {
          "$id": "/definitions/address/properties/extra_address",
          "type": "string",
          "title": "The Optional Address Schema ",
          "default": "",
          "example": [
            "string"
          ]
        }
      },
      "city": {
        "$id": "/definitions/address/properties/city",
        "type": "string",
        "title": "The City Schema ",
        "default": "",
        "example": [
          "string"
        ]
      },
      "state": {
        "$id": "/definitions/address/properties/state",
        "type": "string",
        "title": "The State Schema ",
```

```

    "default": "",
    "enum": [
        "Aguascalientes", "Alabama", "Alaska", "Alberta", "Arizona", "Arkansas"
        , "Baja California", "Baja California Sur", "British Columbia", "California", "Camp
        eche", "Chiapas", "Chihuahua", "Coahuila", "Colima", "Colorado", "Connecticut", "De
        laware", "District of Columbia", "Durango", "Federal District", "Florida", "Georgia"
        , "Guanajuato", "Guerrero", "Hawaii", "Hidalgo", "Idaho", "Illinois", "Indiana", "I
        owa", "Jalisco", "Kansas", "Kentucky", "Louisiana", "Maine", "Manitoba", "Maryland"
        , "Massachusetts", "Mexico State", "Michigan", "Michoacán", "Minnesota", "Mississip
        pi", "Missouri", "Montana", "Morelos", "Nayarit", "Nebraska", "Nevada", "New Brunsw
        ick", "New Hampshire", "New Jersey", "New Mexico", "New York", "Newfoundland", "Nor
        th Carolina", "North Dakota", "Northwest Territories", "Nova Scotia", "Nuevo León",
        "Nunavut", "Oaxaca", "Ohio", "Oklahoma", "Ontario", "Oregon", "Pennsylvania", "Prin
        ce Edward Island", "Puebla", "Puerto Rico", "Quebec", "Querétaro", "Quintana Roo",
        "Rhode Island", "San Luis Potosí", "Saskatchewan", "Sinaloa", "Sonora", "South Caro
        lina", "South Dakota", "Tabasco", "Tamaulipas", "Tennessee", "Texas", "Tlaxcala", "
        Utah", "Veracruz", "Vermont", "Virginia", "Washington", "West Virginia", "Wisconsin"
        , "Wyoming", "Yucatán", "Yukon Territory", "Zacatecas"
    ],
    "example": [
        "string"
    ]
},
"state_abbreviated": {
    "$id": "/definitions/address/properties/state_abbreviated",
    "type": "string",
    "title": "The State Abbreviated Schema ",
    "default": "",
    "enum": [
        "AB", "AGU", "AK", "AL", "AR", "AZ", "BC", "BCN", "BCS", "CA", "CAM", "
        CHH", "CHP", "CO", "COA", "COL", "CT", "DC", "DE", "DIF", "DUR", "FL", "GA", "GRO",
        "GUA", "HI", "HID", "IA", "ID", "IL", "IN", "JAL", "KS", "KY", "LA", "MA", "MB", "M
        D", "ME", "MEX", "MI", "MIC", "MN", "MO", "MOR", "MS", "MT", "NAY", "NB", "NC", "ND"
        , "NE", "NH", "NJ", "NL", "NLE", "NM", "NS", "NT", "NU", "NV", "NY", "OAX", "OH", "
        OK", "ON", "OR", "PA", "PE", "PR", "PUE", "QC", "QUE", "RI", "ROO", "SC", "SD", "SI
        N", "SK", "SLP", "SON", "TAB", "TAM", "TLA", "TN", "TX", "UT", "VA", "VER", "VT", "
        WA", "WI", "WV", "WY", "YT", "YUC", "ZAC"
    ],
    "example": [
        "string"
    ]
},
"zip": {
    "$id": "/definitions/address/properties/zip",
    "type": "string",
    "title": "The Zip Schema ",
    "default": "",
    "example": [
        "string"
    ]
}
},

```

```

"country": {
  "$id": "/definitions/address/properties/country",
  "type": "string",
  "title": "The country Schema ",
  "default": "United States",
  "enum": [
    "Afghanistan", "Albania", "Algeria", "American Samoa", "Andorra", "Angola", "Anguilla", "Antarctica", "Antigua and Barbuda", "Argentina", "Armenia", "Aruba", "Australia", "Austria", "Azerbaijan", "Bahamas, The", "Bahrain", "Bangladesh", "Barbados", "Belarus", "Belgium", "Belize", "Benin", "Bermuda", "Bhutan", "Bolivia", "Bosnia and Herzegovina", "Botswana", "Bouvet Island", "Brazil", "British Indian Ocean Territory", "British Virgin Islands", "Brunei", "Bulgaria", "Burkina Faso", "Burundi", "Cambodia", "Cameroon", "Canada", "Cape Verde", "Cayman Islands", "Central African Republic", "Chad", "Chile", "China", "Christmas Island", "Cocos (Keeling) Islands", "Colombia", "Comoros", "Congo", "Congo, Democratic Republic of the", "Cook Islands", "Costa Rica", "Croatia", "Cuba", "Cyprus", "Czech Republic", "Denmark", "Djibouti", "Dominica", "Dominican Republic", "East Timor", "Ecuador", "Egypt", "El Salvador", "Equatorial Guinea", "Eritrea", "Estonia", "Ethiopia", "Falkland Islands (Islas Malvinas)", "Faroe Islands", "Federated States of Micronesia", "Fiji", "Finland", "France", "French Guiana", "French Polynesia", "Gabon", "Gambia, The", "Georgia", "Germany", "Ghana", "Gibraltar", "Greece", "Greenland", "Grenada", "Guadeloupe", "Guam", "Guatemala", "Guernsey", "Guinea", "Guinea-Bissau", "Guyana", "Haiti", "Heard Island and McDonald Islands", "Honduras", "Hong Kong", "Hungary", "Iceland", "India", "Indonesia", "Iran", "Iraq", "Ireland", "Isle of Man", "Israel", "Italy", "Ivory Coast (Cote d'Ivoire)", "Jamaica", "Japan", "Jersey", "Jordan", "Kazakhstan", "Kenya", "Kiribati", "Kuwait", "Kyrgyzstan", "Laos", "Latvia", "Lebanon", "Lesotho", "Liberia", "Libya", "Liechtenstein", "Lithuania", "Luxembourg", "Macao", "Macedonia", "Madagascar", "Malawi", "Malaysia", "Maldives", "Mali", "Malta", "Marshall Islands", "Martinique", "Mauritania", "Mauritius", "Mayotte", "Mexico", "Moldova", "Monaco", "Mongolia", "Montenegro", "Montserrat", "Morocco", "Mozambique", "Myanmar (Burma)", "Namibia", "Nauru", "Nepal", "Netherlands", "Netherlands Antilles", "New Caledonia", "New Zealand", "Nicaragua", "Niger", "Nigeria", "Niue", "Norfolk Island", "North Korea", "Northern Mariana Islands", "Norway", "Oman", "Pakistan", "Palau", "Panama", "Papua New Guinea", "Paraguay", "Peru", "Philippines", "Pitcairn Islands", "Poland", "Portugal", "Puerto Rico", "Qatar", "Reunion", "Romania", "Russia", "Rwanda", "Samoa", "San Marino", "Sao Tome and Principe", "Saudi Arabia", "Senegal", "Serbia", "Seychelles", "Sierra Leone", "Singapore", "Slovakia", "Slovenia", "Solomon Islands", "Somalia", "South Africa", "South Georgia and the South Sandwich Islands", "South Korea", "Spain", "Sri Lanka", "St. Helena", "St. Kitts and Nevis", "St. Lucia", "St. Pierre and Miquelon", "St. Vincent and the Grenadines", "Sudan", "Suriname", "Swaziland", "Sweden", "Switzerland", "Syria", "Taiwan", "Tajikistan", "Tanzania, United Republic of", "Thailand", "Togo", "Tokelau", "Tonga", "Trinidad and Tobago", "Tunisia", "Turkey", "Turkmenistan", "Turks and Caicos Islands", "Tuvalu", "Uganda", "Ukraine", "United Arab Emirates", "United Kingdom", "United States", "Uruguay", "Uzbekistan", "Vanuatu", "Vatican City (Holy See)", "Venezuela", "Vietnam", "Virgin Islands (US)", "Wallis and Futuna", "Western Sahara", "Yemen", "Zambia", "Zimbabwe"
  ],
  "example": [
    "United States"
  ]
}

```

```
    },
    "primary": {
      "$id": "/definitions/address/properties/primary",
      "type": "boolean",
      "title": "The Primary Schema ",
      "default": false,
      "example": [
        false
      ]
    }
  },
  "required": [
    "street_address",
    "optional_address",
    "city",
    "state",
    "state_abbreviated",
    "zip",
    "country",
    "default"
  ]
},
"services": {
  "$id": "/definitions/services",
  "type": "object",
  "default": "",
  "enum": [{
    "siteType": "PhaseI",
    "displayName": "Phase I Environmental Site Assessment",
    "featureID": "81",
    "featureName": "Procure New Services"
  },
  {
    "siteType": "ASTMPCA",
    "displayName": "ASTM Property Condition Assessment",
    "featureID": "122",
    "featureName": "Procure New Services"
  },
  {
    "siteType": "Appraisal",
    "displayName": "Commercial Appraisal Report",
    "featureID": "87",
    "featureName": "Valuation Services"
  },
  {
    "siteType": "AppraisalRev",
    "displayName": "Commercial Appraisal Review",
    "featureID": "87",
    "featureName": "Valuation Services"
  }
  ],
  {

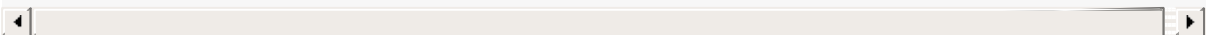
```

```
    "siteType": "Evaluation",
    "displayName": "Commercial Evaluation",
    "featureID": "87",
    "featureName": "Valuation Services"
  },
  {
    "siteType": "LoanChkPlus",
    "displayName": "Loan Check Plus",
    "featureID": "81",
    "featureName": "Procure New Services"
  },
  {
    "siteType": "PhaseII",
    "displayName": "Phase II Environmental Site Assessment",
    "featureName": "81",
    "": "Procure New Services"
  },
  {
    "siteType": "ASTM",
    "displayName": "ASTM Transaction Screen",
    "featureID": "81",
    "featureName": "Procure New Services"
  },
  {
    "siteType": "DBReview",
    "displayName": "Database Review",
    "featureID": "81",
    "featureName": "Procure New Services"
  },
  {
    "siteType": "ResAppraisal",
    "displayName": "Residential Appraisal",
    "featureID": "87",
    "featureName": "Valuation Services"
  }
],
"examples": [{
  "siteType": "ResAppraisal",
  "displayName": "Residential Appraisal",
  "featureID": "87",
  "featureName": "Valuation Services"
}]
},
"loanPurposes": {
  "$id": "/definitions/loanPurposes",
  "type": "string",
  "enum": [
    "Renewal with no new money",
    "Renewal with new money",
    "Purchase",
    "Construction Loan",
```



```
        "Line of Credit",
        "Foreclosure",
        "SBA"
    ],
    "examples": [
        "SBA"
    ]
},
"propertyTypes": {
    "$id": "/definitions/propertyTypes",
    "type": "string",
    "enum": [
        "Agricultural",
        "Health Care",
        "Industrial",
        "Land",
        "Lodging/Hospitality",
        "Multi-family",
        "Office",
        "Residential",
        "Retail",
        "Senior Housing",
        "Special Purpose",
        "Sport/Entertainment"
    ],
    "examples": [
        "SBA"
    ]
},
"cabinets": {
    "$id": "/definitions/cabinets",
    "type": "string",
    "enum": [
        "Vendor 1",
        "Vendor 2"
    ],
    "examples": [
        "Vendor 1"
    ]
}
},
"required": [
    "projectName",
    "cabinet",
    "loanNumber",
    "accountOfficer",
    "requestor",
    "loanAmount",
    "currency",
    "borrower",
    "loanPurpose",
```

```
    "collaterals"  
  ]  
}
```



GET Service Request Details

```
/v1/api/serviceRequestFields
```

The following are examples of XML and JSON data format. These are default data fields which are required. Custom data fields can be added to "extended" for main data and collateral data. So you can submit custom fields for the Service Request and custom fields for the collateral data as well.

```
<?xml version="1.0" encoding="UTF-8"?>
<serviceRequestForm>
  <projectName />
  <cabinet />
  <loanNumber />
  <accountOfficer />
  <requestor />
  <loanAmount />
  <currency />
  <borrower />
  <extended />
  <loanPurpose />
  <collaterals>
    <collateral>
      <addresses>
        <address>
          <street_address>string</street_address>
          <optional_address>string</optional_address>
          <city>string</city>
          <state>string</state>
          <stateAbbreviated>string</stateAbbreviated>
          <zip>string</zip>
          <country>string</country>
          <countryAbbreviated>string</countryAbbreviated>
          <primary>boolean</primary>
        </address>
      </addresses>
      <address2 />
      <city />
      <state />
      <stateAbbreviated />
      <zip />
      <country />
      <propertyType />
      <services />
      <extended />
    </collateral>
  </collaterals>
</serviceRequestForm>
```

```
{
  "projectName": "string",
  "cabinet": "string",
  "loanNumber": "string",
  "accountOfficer": "string",
  "requestor": "string",
  "loanAmount": "number",
  "currency": "string",
  "borrower": "string",
  "loanPurpose": "string",
  "extended": {},
  "collaterals": [
    {
      "addresses": [
        {
          "street_address": "string",
          "optional_address": "string",
          "city": "string",
          "state": "string",
          "stateAbbreviated": "string",
          "zip": "string",
          "country": "string",
          "primary": "boolean"
        }
      ],
      "propertyType": "string",
      "services": [
        {
          "siteType": "ResAppraisal",
          "displayName": "Residential Appraisal",
          "featureID": "87",
          "featureName": "Valuation Services"
        }
      ],
      "extended": {}
    }
  ]
}
```

Response

Abbreviated

```
{
  "response": {
    "code": 200,
    "date": "2018-04-28 12:23:23",
    "function": "get"
  }
}
```

```

    },
    "data": {
      "Schema": {"JSON Object Format using JSON Schema Draft-7..."},
      "JSON": {"JSON Object Format..."}
      "XML": "XML in String Format..."
    }
  }
}

```

Full

```

{
  "response": {
    "code": 200,
    "date": "2018-04-28 12:23:23",
    "function": "get"
  },
  "data": {
    "Schema": {
      {
        "$id": "http://example.com/example.json",
        "type": "object",
        "$schema": "http://json-schema.org/draft-07/schema#",
        "properties": {
          "projectName": {
            "$id": "/properties/projectName",
            "type": "string",
            "title": "The Projectname Schema ",
            "default": "",
            "examples": [
              "string"
            ]
          },
          "cabinet": {
            "$id": "/properties/cabinet",
            "type": "string",
            "title": "The Cabinet Schema ",
            "description": "C360 organized vendor information as Cabinets, much like a filing cabinet. Even if you have one vendor, your form data is organized by Cabinet Name.",
            "default": "",
            "$ref": "#/definitions/cabinets",
            "examples": [
              "string"
            ]
          },
          "loanNumber": {
            "$id": "/properties/loanNumber",
            "type": "string",
            "title": "The Loannumber Schema ",
            "default": "",

```

```
        "examples": [
          "string"
        ]
      },
      "accountOfficer": {
        "$id": "/properties/accountOfficer",
        "type": "string",
        "title": "The Accountofficer Schema ",
        "default": "",
        "examples": [
          "string"
        ]
      },
      "requestor": {
        "$id": "/properties/requestor",
        "type": "string",
        "title": "The Requestor Schema ",
        "default": "",
        "examples": [
          "string"
        ]
      },
      "loanAmount": {
        "$id": "/properties/loanAmount",
        "type": "number",
        "title": "The Loanamount Schema ",
        "default": 0.00,
        "examples": [
          1000.00
        ]
      },
      "currency": {
        "$id": "/properties/currency",
        "type": "string",
        "title": "The Currency Schema ",
        "default": "USD",
        "enum": [
          "USD"
        ],
        "examples": [
          "USD"
        ]
      },
      "borrower": {
        "$id": "/properties/borrower",
        "type": "string",
        "title": "The Borrower Schema ",
        "default": "",
        "examples": [
          "string"
        ]
      }
    ]
  }
```

```

    },
    "loanPurpose": {
      "$id": "/properties/loanPurpose",
      "type": "string",
      "title": "The Loanpurpose Schema ",
      "default": "",
      "$ref": "#/definitions/loanPurposes",
      "examples": [
        "SBA"
      ]
    },
    "extended": {
      "$id": "/properties/extended",
      "type": "object"
    },
    "collaterals": {
      "$id": "/properties/collaterals",
      "type": "array",
      "items": {
        "$id": "/properties/collaterals/items",
        "type": "object",
        "properties": {
          "addresses": {
            "$id": "/properties/collaterals/items/properties/addresses",
            "title": "The Addresses Schema ",
            "type": "array",
            "default": "",
            "items": {
              "$ref": "#/definitions/addresses"
            },
            "examples": [
              "string"
            ]
          },
          "propertyType": {
            "$id": "/properties/collaterals/items/properties/propertyTy
pe",
            "type": "string",
            "title": "The Propertytype Schema ",
            "default": "",
            "$ref": "#/definitions/propertyTypes",
            "examples": [
              "string"
            ]
          }
        }
      ],
      "services": {
        "$id": "/properties/collaterals/items/properties/services",
        "title": "The Services Schema ",
        "type": "array",
        "default": "",

```

```
        "items": {
          "$ref": "#/definitions/services"
        },
        "examples": [
          "string"
        ]
      },
      "extended": {
        "$id": "/properties/collaterals/items/properties/extended",
        "type": "object"
      }
    },
    "required": [
      "addresses",
      "propertyType",
      "services",
      "extended"
    ]
  }
},
"definitions": {
  "addresses": {
    "$id": "/definitions/addresses",
    "title": "Address",
    "type": "object",
    "properties": {
      "street_address": {
        "$id": "/definitions/address/properties/street_address",
        "type": "string",
        "title": "The Street Address Schema ",
        "default": "",
        "example": [
          "string"
        ]
      },
      "optional_address": {
        "$id": "/definitions/address/properties/extra_address",
        "type": "string",
        "title": "The Optional Address Schema ",
        "default": "",
        "example": [
          "string"
        ]
      }
    },
    "city": {
      "$id": "/definitions/address/properties/city",
      "type": "string",
      "title": "The City Schema ",
      "default": "",
      "example": [
```



```

        "string"
    ]
},
"state": {
    "$id": "/definitions/address/properties/state",
    "type": "string",
    "title": "The State Schema ",
    "default": "",
    "enum": [
        "Aguascalientes", "Alabama", "Alaska", "Alberta", "Arizona",
        "Arkansas", "Baja California", "Baja California Sur", "British Columbia", "Califo
        rnia", "Campeche", "Chiapas", "Chihuahua", "Coahuila", "Colima", "Colorado", "Conne
        cticut", "Delaware", "District of Columbia", "Durango", "Federal District", "Florid
        a", "Georgia", "Guanajuato", "Guerrero", "Hawaii", "Hidalgo", "Idaho", "Illinois",
        "Indiana", "Iowa", "Jalisco", "Kansas", "Kentucky", "Louisiana", "Maine", "Manitoba
        ", "Maryland", "Massachusetts", "Mexico State", "Michigan", "Michoacán", "Minnesota
        ", "Mississippi", "Missouri", "Montana", "Morelos", "Nayarit", "Nebraska", "Nevada"
        , "New Brunswick", "New Hampshire", "New Jersey", "New Mexico", "New York", "Newfou
        ndland", "North Carolina", "North Dakota", "Northwest Territories", "Nova Scotia",
        "Nuevo León", "Nunavut", "Oaxaca", "Ohio", "Oklahoma", "Ontario", "Oregon", "Pennsy
        lvania", "Prince Edward Island", "Puebla", "Puerto Rico", "Quebec", "Querétaro", "Q
        uintana Roo", "Rhode Island", "San Luis Potosí", "Saskatchewan", "Sinaloa", "Sonora
        ", "South Carolina", "South Dakota", "Tabasco", "Tamaulipas", "Tennessee", "Texas",
        "Tlaxcala", "Utah", "Veracruz", "Vermont", "Virginia", "Washington", "West Virgini
        a", "Wisconsin", "Wyoming", "Yucatán", "Yukon Territory", "Zacatecas"
    ],
    "example": [
        "string"
    ]
},
"state_abbreviated": {
    "$id": "/definitions/address/properties/state_abbreviated",
    "type": "string",
    "title": "The State Abbreviated Schema ",
    "default": "",
    "enum": [
        "AB", "AGU", "AK", "AL", "AR", "AZ", "BC", "BCN", "BCS", "C
        A", "CAM", "CHH", "CHP", "CO", "COA", "COL", "CT", "DC", "DE", "DIF", "DUR", "FL",
        "GA", "GRO", "GUA", "HI", "HID", "IA", "ID", "IL", "IN", "JAL", "KS", "KY", "LA", "
        MA", "MB", "MD", "ME", "MEX", "MI", "MIC", "MN", "MO", "MOR", "MS", "MT", "NAY", "N
        B", "NC", "ND", "NE", "NH", "NJ", "NL", "NLE", "NM", "NS", "NT", "NU", "NV", "NY",
        "OAX", "OH", "OK", "ON", "OR", "PA", "PE", "PR", "PUE", "QC", "QUE", "RI", "ROO", "
        SC", "SD", "SIN", "SK", "SLP", "SON", "TAB", "TAM", "TLA", "TN", "TX", "UT", "VA",
        "VER", "VT", "WA", "WI", "WV", "WY", "YT", "YUC", "ZAC"
    ],
    "example": [
        "string"
    ]
},
"zip": {
    "$id": "/definitions/address/properties/zip",

```

```

        "type": "string",
        "title": "The Zip Schema ",
        "default": "",
        "example": [
            "string"
        ]
    },
    "country": {
        "$id": "/definitions/address/properties/country",
        "type": "string",
        "title": "The country Schema ",
        "default": "United States",
        "enum": [
            "Afghanistan", "Albania", "Algeria", "American Samoa", "Andorra", "Angola", "Anguilla", "Antarctica", "Antigua and Barbuda", "Argentina", "Armenia", "Aruba", "Australia", "Austria", "Azerbaijan", "Bahamas, The", "Bahrain", "Bangladesh", "Barbados", "Belarus", "Belgium", "Belize", "Benin", "Bermuda", "Bhutan", "Bolivia", "Bosnia and Herzegovina", "Botswana", "Bouvet Island", "Brazil", "British Indian Ocean Territory", "British Virgin Islands", "Brunei", "Bulgaria", "Burkina Faso", "Burundi", "Cambodia", "Cameroon", "Canada", "Cape Verde", "Cayman Islands", "Central African Republic", "Chad", "Chile", "China", "Christmas Island", "Cocos (Keeling) Islands", "Colombia", "Comoros", "Congo", "Congo, Democratic Republic of the", "Cook Islands", "Costa Rica", "Croatia", "Cuba", "Cyprus", "Czech Republic", "Denmark", "Djibouti", "Dominica", "Dominican Republic", "East Timor", "Ecuador", "Egypt", "El Salvador", "Equatorial Guinea", "Eritrea", "Estonia", "Ethiopia", "Falkland Islands (Islas Malvinas)", "Faroe Islands", "Federated States of Micronesia", "Fiji", "Finland", "France", "French Guiana", "French Polynesia", "Gabon", "Gambia, The", "Georgia", "Germany", "Ghana", "Gibraltar", "Greece", "Greenland", "Grenada", "Guadeloupe", "Guam", "Guatemala", "Guernsey", "Guinea", "Guinea-Bissau", "Guyana", "Haiti", "Heard Island and McDonald Islands", "Honduras", "Hong Kong", "Hungary", "Iceland", "India", "Indonesia", "Iran", "Iraq", "Ireland", "Isle of Man", "Israel", "Italy", "Ivory Coast (Cote d'Ivoire)", "Jamaica", "Japan", "Jersey", "Jordan", "Kazakhstan", "Kenya", "Kiribati", "Kuwait", "Kyrgyzstan", "Laos", "Latvia", "Lebanon", "Lesotho", "Liberia", "Libya", "Liechtenstein", "Lithuania", "Luxembourg", "Macao", "Macedonia", "Madagascar", "Malawi", "Malaysia", "Maldives", "Mali", "Malta", "Marshall Islands", "Martinique", "Mauritania", "Mauritius", "Mayotte", "Mexico", "Moldova", "Monaco", "Mongolia", "Montenegro", "Montserrat", "Morocco", "Mozambique", "Myanmar (Burma)", "Namibia", "Nauru", "Nepal", "Netherlands", "Netherlands Antilles", "New Caledonia", "New Zealand", "Nicaragua", "Niger", "Nigeria", "Niue", "Norfolk Island", "North Korea", "Northern Mariana Islands", "Norway", "Oman", "Pakistan", "Palau", "Panama", "Papua New Guinea", "Paraguay", "Peru", "Philippines", "Pitcairn Islands", "Poland", "Portugal", "Puerto Rico", "Qatar", "Reunion", "Romania", "Russia", "Rwanda", "Samoa", "San Marino", "Sao Tome and Principe", "Saudi Arabia", "Senegal", "Serbia", "Seychelles", "Sierra Leone", "Singapore", "Slovakia", "Slovenia", "Solomon Islands", "Somalia", "South Africa", "South Georgia and the South Sandwich Islands", "South Korea", "Spain", "Sri Lanka", "St. Helena", "St. Kitts and Nevis", "St. Lucia", "St. Pierre and Miquelon", "St. Vincent and the Grenadines", "Sudan", "Suriname", "Swaziland", "Sweden", "Switzerland", "Syria", "Taiwan", "Tajikistan", "Tanzania, United Republic of", "Thailand", "Togo", "Tokelau", "Tonga", "Trinidad and Tobago", "Tunisia", "Turkey", "Turkmenistan", "Turks and Caicos Islands", "Tuvalu", "Uganda", "Ukraine", "United Arab Emirates", "United Kingdom", "Uni

```

```

ted States", "Uruguay", "Uzbekistan", "Vanuatu", "Vatican City (Holy See)", "Venezuela", "Vietnam", "Virgin Islands (US)", "Wallis and Futuna", "Western Sahara", "Yemen", "Zambia", "Zimbabwe"
    ],
    "example": [
        "United States"
    ]
},
"countryAbbreviated": {
    "$id": "/definitions/address/properties/countryAbbreviated",
    "type": "string",
    "title": "The country Schema ",
    "default": "United States",
    "enum": [
        "AA", "AC", "AE", "AF", "AG", "AJ", "AL", "AM", "AN", "AO", "AQ", "AR",
        "AS", "AU", "AV", "AY", "BA", "BB", "BC", "BD", "BE", "BF", "BG", "BH", "BK", "BL", "BM", "BN", "BO", "BP", "BR", "BT", "BU", "BV", "BX", "BY", "CA", "CB", "CD", "CE", "CF", "CG", "CH", "CI", "CJ", "CK", "CM", "CN", "CO", "CQ", "CS", "CT", "CU", "CV", "CW", "CY", "DA", "DJ", "DO", "DR", "EC", "EG", "EI", "EK", "EN", "ER", "ES", "ET", "EZ", "FG", "FI", "FJ", "FK", "FM", "FO", "FP", "FR", "GA", "GB", "GG", "GH", "GI", "GJ", "GK", "GL", "GM", "GP", "GQ", "GR", "GT", "GV", "GY", "HA", "HK", "HM", "HO", "HR", "HU", "IC", "ID", "IM", "IN", "IO", "IR", "IS", "IT", "IT", "IV", "IZ", "JA", "JE", "JM", "JO", "KE", "KG", "KN", "KR", "KS", "KT", "KU", "KZ", "LA", "LE", "LG", "LH", "LI", "LO", "LS", "LT", "LU", "LY", "MA", "MB", "MC", "MD", "MF", "MG", "MH", "MI", "MJ", "MK", "ML", "MN", "MO", "MP", "MR", "MT", "MU", "MV", "MX", "MY", "MZ", "NC", "NE", "NF", "NG", "NH", "NI", "NL", "NO", "NP", "NR", "NS", "NT", "NU", "NZ", "PA", "PC", "PE", "PK", "PL", "PM", "PO", "PP", "PS", "PU", "QA", "RB", "RE", "RM", "RO", "RP", "RQ", "RS", "RW", "SA", "SB", "SC", "SE", "SF", "SG", "SH", "SI", "SL", "SM", "SN", "SO", "SP", "ST", "SU", "SW", "SX", "SY", "SZ", "TD", "TH", "TI", "TK", "TL", "TN", "TO", "TP", "TS", "TT", "TU", "TV", "TW", "TX", "TZ", "UG", "UK", "UP", "US", "UV", "UY", "UZ", "VC", "VE", "VI", "VM", "VQ", "WA", "WF", "WI", "WS", "WZ", "YM", "ZA", "ZI"
    ],
    "example": [
        "United States"
    ]
},
"primary": {
    "$id": "/definitions/address/properties/primary",
    "type": "boolean",
    "title": "The Primary Schema ",
    "default": false,
    "example": [
        false
    ]
}
},
"required": [
    "street_address",
    "optional_address",
    "city",
    "state",
    "state_abbreviated",
    "zip",

```

```
        "country",
        "default"
    ]
},
"services": {
    "$id": "/definitions/services",
    "type": "object",
    "default": "",
    "enum": [{
        "siteType": "PhaseI",
        "displayName": "Phase I Environmental Site Assessment",
        "featureID": "81",
        "featureName": "Procure New Services"
    }],
    {
        "siteType": "ASTMPCA",
        "displayName": "ASTM Property Condition Assessment",
        "featureID": "122",
        "featureName": "Procure New Services"
    },
    {
        "siteType": "Appraisal",
        "displayName": "Commercial Appraisal Report",
        "featureID": "87",
        "featureName": "Valuation Services"
    },
    {
        "siteType": "AppraisalRev",
        "displayName": "Commercial Appraisal Review",
        "featureID": "87",
        "featureName": "Valuation Services"
    },
    {
        "siteType": "Evaluation",
        "displayName": "Commercial Evaluation",
        "featureID": "87",
        "featureName": "Valuation Services"
    },
    {
        "siteType": "LoanChkPlus",
        "displayName": "Loan Check Plus",
        "featureID": "81",
        "featureName": "Procure New Services"
    },
    {
        "siteType": "PhaseII",
        "displayName": "Phase II Environmental Site Assessment",
        "featureName": "81",
        "": "Procure New Services"
    },
    {

```

```
        "siteType": "ASTM",
        "displayName": "ASTM Transaction Screen",
        "featureID": "81",
        "featureName": "Procure New Services"
    },
    {
        "siteType": "DBReview",
        "displayName": "Database Review",
        "featureID": "81",
        "featureName": "Procure New Services"
    },
    {
        "siteType": "ResAppraisal",
        "displayName": "Residential Appraisal",
        "featureID": "87",
        "featureName": "Valuation Services"
    }
],
"examples": [{
    "siteType": "ResAppraisal",
    "displayName": "Residential Appraisal",
    "featureID": "87",
    "featureName": "Valuation Services"
}]
},
"loanPurposes": {
    "$id": "/definitions/loanPurposes",
    "type": "string",
    "enum": [
        "Renewal with no new money",
        "Renewal with new money",
        "Purchase",
        "Construction Loan",
        "Line of Credit",
        "Foreclosure",
        "SBA"
    ],
    "examples": [
        "SBA"
    ]
},
"propertyTypes": {
    "$id": "/definitions/propertyTypes",
    "type": "string",
    "enum": [
        "Agricultural",
        "Health Care",
        "Industrial",
        "Land",
        "Lodging/Hospitality",
        "Multi-family",
```

```
        "Office",
        "Residential",
        "Retail",
        "Senior Housing",
        "Special Purpose",
        "Sport/Entertainment"
    ],
    "examples": [
        "SBA"
    ]
},
"cabinets": {
    "$id": "/definitions/cabinets",
    "type": "string",
    "enum": [
        "Vendor 1",
        "Vendor 2"
    ],
    "examples": [
        "Vendor 1"
    ]
}
},
"required": [
    "projectName",
    "loanNumber",
    "accountOfficer",
    "requestor",
    "loanAmount",
    "currency",
    "borrower",
    "loanPurpose",
    "collaterals"
]
}
},
"JSON": {
    "meta": {
        "dataType": "json",
        "portfolio": true
    },
    "serviceRequestData": {
        "projectName": "string",
        "cabinet": "string",
        "loanNumber": "string",
        "accountOfficer": "string",
        "requestor": "string",
        "loanAmount": 1000000.00,
        "currency": "USD",
        "borrower": "string",
        "loanPurpose": "string",
```

```

    "extended": {
      "lotSize": "3 acres",
      "parking": "garage"
    },
    "collaterals": [
      {
        "addresses": [
          {
            "street_address": "string",
            "optional_address": "string",
            "city": "string",
            "state": "string",
            "stateAbbreviated": "string",
            "zip": "string",
            "country": "string",
            "countryAbbreviated": "string",
            "primary": "boolean"
          }
        ],
        "propertyType": "string",
        "services": [],
        "extended": {
          "lon": "",
          "lat": "",
          "tax": "abated"
        }
      }
    ]
  },
  "XML": "
    <?xml version='1.0' encoding='UTF-8'?>
    <serviceRequestForm>
      <meta>
        <dataType>json</dataType>
        <portfolio>true</portfolio>
      </meta>
      <serviceRequestData>
        <accountOfficer>string</accountOfficer>
        <cabinet>string</cabinet>
        <borrower>string</borrower>
        <collaterals>
          <collateral>
            <addresses>
              <address>
                <street_address>string</street_address>
                <optional_address>string</optional_address>
                <city>string</city>
                <state>string</state>
                <stateAbbreviated>string</stateAbbreviated>
                <zip>string</zip>

```

```

        <country>string</country>
        <countryAbbreviated>string</countryAbbreviated>
        <primary>boolean</primary>
    </address>
</addresses>
<extended>
    <lat />
    <lon />
    <tax>abated</tax>
</extended>
<propertyType>string</propertyType>
<services>
    <service />
</services>
</collateral>
</collaterals>
<extended>
    <lotSize>3 acres</lotSize>
    <parking>garage</parking>
</extended>
<loanAmount>1000.00</loanAmount>
<loanNumber>string</loanNumber>
<currency>USD</currency>
<loanPurpose>string</loanPurpose>
<projectName>string</projectName>
<requestor>string</requestor>
</serviceRequestData>
</serviceRequestForm>
"
}
}

```

C360 Cabinets

C360 organizes loan information as Cabinets, much like a filing cabinet. Even if you have one loan, your form data is organized by Cabinet Name.

{need more info}

Custom Fields

Within C360, we have provide a means to provide custom fields. Custom Fields can to added to the data schema by adding to the "extended" object either as objects or xml tags when submitting new data.

SRF API

Service Request Data Fields

Data Fields for Service Request Fields

Data Field	Type	Description
projectName	string	Project Name
cabinet	string	Cabinet Name
loanNumber	string	Loan Number
accountOfficer	string	Account Officer
requestor	string	Requestor
loanAmount	number	Loan amount
currency	string	Currency type. Default is USD
borrower	string	Borrower
loanPurpose	string	Loan purpose (enum)
extended	object	Extended Custom Data Fields
collaterals	object	Array of Collaterals

Data Fields for `collaterals`

Data Field	Type	Description
street_address	array	Array of addresses
optional_address	string	Suite #; Apt #; etc...
city	string	City name
state	string	Full state name (enum)
stateAbbreviated	string	State 2 letter abbreviation (enum)
zip	string	Zip code
country	string	Country location (enum)
countryAbbreviated	string	Country Abbreviated location (enum)
propertyType	string	Property Type (enum)
services	array	Array of Services
extended	object	Extended Custom Data Fields for Collateral

Data Fields for `Services`

--	--	--

Data Field	Type	Description
siteType	string	Site Type
displayName	string	Display Name
featureID	array	Feature ID
featureName	array	Feature Name

PUT Service Request Details

/v1/api/srf/:serviceRequestID

Request

Path Parameters

Path Parameter	Type	Description
serviceRequestID	Int	Service Request ID

Body Parameters

Parameter	Type	Description
meta	object	Meta Data for the data being submitted
serviceRequestData	object	Data package

Parameters for `meta` object

Parameter	Type	Description
dataType	string	Options: json or xml

Parameters for `serviceRequestData` object

Parameter	Type	Description
fields	string	Accepts: JSON, Stringified JSON or XML

Sample JSON Submission

```
{
  "meta": {
    "dataType": "json"
  },
  "serviceRequestData": {
    "projectName": "string",
    "loanNumber": "string",
    "accountOfficer": "string",
    "requestor": "string",
    "loanAmount": "number",
    "currency": "string",
    "borrower": "string",
    "loanPurpose": "string",
    "extended": {
```

```

        "lotSize": "3 acres",
        "parking": "garage"
    },
    "collaterals": [
        {
            "addresses": [
                {
                    "street_address": "string",
                    "optional_address": "string",
                    "city": "string",
                    "state": "string",
                    "stateAbbreviated": "string",
                    "zip": "string",
                    "country": "string",
                    "countryAbbreviated": "string",
                    "primary": "boolean"
                }
            ],
            "propertyType": "string",
            "services": [],
            "extended": {
                "lon": "",
                "lat": "",
                "tax": "abated"
            }
        }
    ]
}

```

Sample XML Submission

```

{
    "meta": {
        "dataType": "xml"
    },
    "serviceRequestData": "<?xml version=\"1.0\" encoding=\"UTF-8\"?><serviceRequestForm><meta><dataType>json</dataType></meta><serviceRequestData><accountOfficer>string</accountOfficer><borrower>string</borrower><collaterals> <collateral><address1>string</address1><address2>string</address2><city>string</city><extended> <lat /> <lon /> <tax>abated</tax></extended><propertyType>string</propertyType><state>string</state><stateAbbreviated>string</stateAbbreviated><zip>string</zip> </collateral></collaterals><extended> <lotSize>3 acres</lotSize> <parking>garage</parking></extended><loanAmount>number</loanAmount><currency>USD</currency><loanNumber>string</loanNumber><loanPurpose>string</loanPurpose><projectName>string</projectName><requestor>string</requestor> </serviceRequestData></serviceRequestForm>"
}

```

Sample JSON Stringified Submission

```
{
  "meta": {
    "dataType": "string"
  },
  "serviceRequestData": "{\"meta\": {\"dataType\": \"json\"}, \"serviceRequestData\": {\"projectName\": \"string\", \"loanNumber\": \"string\", \"accountOfficer\": \"string\", \"requestor\": \"string\", \"loanAmount\": \"string\", \"currency\": \"USD\", \"borrower\": \"string\", \"loanPurpose\": \"string\", \"extended\": {\"lotSize\": \"3 acres\", \"parking\": \"garage\"}, \"collaterals\": [{\"address1\": \"string\", \"address2\": \"string\", \"city\": \"string\", \"state\": \"string\", \"stateAbbreviated\": \"string\", \"zip\": \"string\", \"propertyType\": \"string\", \"extended\": {\"lon\": \"\", \"lat\": \"\", \"tax\": \"abated\"}}]}}"
```

Response

```
{
  "response": {
    "code": 200,
    "date": "2018-04-28 12:23:23",
    "function": "update"
  },
  "data": {
    "serviceRequestID": 1234567,
    "loanID": null,
    "locations": []
  }
}
```

POST Service Request Details

/v1/api/srf

Request

Body Parameters

Parameter	Type	Description
meta	object	Meta Data for the data being submitted
serviceRequestData	object	Data package

Parameters for `meta` object

Parameter	Type	Description
dataType	string	Options: json or xml

Parameters for `serviceRequestData` object

Parameter	Type	Description
fields	string	Accepts: JSON, Stringified JSON or XML

Sample JSON Submission

```
{
  "meta": {
    "dataType": "json"
  },
  "serviceRequestData": {
    "projectName": "string",
    "loanNumber": "string",
    "accountOfficer": "string",
    "requestor": "string",
    "loanAmount": "number",
    "currency": "string",
    "borrower": "string",
    "loanPurpose": "string",
    "extended": {
      "lotSize": "3 acres",
      "parking": "garage"
    },
    "collaterals": [
      {
        "addresses": [
```

```

        {
            "street_address": "string",
            "optional_address": "string",
            "city": "string",
            "state": "string",
            "stateAbbreviated": "string",
            "zip": "string",
            "country": "string",
            "countryAbbreviated": "string",
            "primary": "boolean"
        }
    ],
    "propertyType": "string",
    "services": [],
    "extended": {
        "lon": "",
        "lat": "",
        "tax": "abated"
    }
}
]
}
}

```

Sample XML Submission

```

{
    "meta": {
        "dataType": "xml"
    },
    "serviceRequestData": "<?xml version='1.0' encoding='UTF-8'?><serviceRequestForm><meta><dataType>json</dataType></meta><serviceRequestData><accountOfficer>string</accountOfficer><borrower>string</borrower><collaterals> <collateral><address1>string</address1><address2>string</address2><city>string</city><extended> <lat /> <lon /> <tax>abated</tax></extended><propertyType>string</propertyType><state>string</state><stateAbbreviated>string</stateAbbreviated><zip>string</zip> </collateral></collaterals><extended> <lotSize>3 acres</lotSize> <parking>garage</parking></extended><loanAmount>string</loanAmount><currency>USD</currency><loanNumber>string</loanNumber><loanPurpose>string</loanPurpose><projectName>string</projectName><requestor>string</requestor> </serviceRequestData></serviceRequestForm>"
}

```

Sample JSON Stringified Submission

```

{
    "meta": {
        "dataType": "string"
    },
    "serviceRequestData": "{\"meta\": {\"dataType\": \"json\"}, \"serviceRequestData"
}

```



```
\": {\\"projectName\\": \\"string\\",\\"loanNumber\\": \\"string\\",\\"accountOfficer\\": \\"string\\",\\"requestor\\": \\"string\\",\\"loanAmount\\": \\"string\\",\\"currency\\":\\"USD\\",\\"borrower\\": \\"string\\",\\"loanPurpose\\": \\"string\\",\\"extended\\": {\\"lotSize\\": \\"3 acres\\",\\"parking\\": \\"garage\\",\\"collaterals\\": [{\\"address1\\": \\"string\\",\\"address2\\": \\"string\\",\\"city\\": \\"string\\",\\"state\\": \\"string\\",\\"stateAbbreviated\\": \\"string\\",\\"zip\\": \\"string\\",\\"propertyType\\": \\"string\\",\\"extended\\": {\\"longitude\\": \\"\\",\\"latitude\\": \\"\\",\\"tax\\": \\"abated\\"}]}}}
```

Response

```
{
  "response": {
    "code": 200,
    "date": "2018-04-28 12:23:23",
    "function": "create"
  },
  "data": {
    "serviceRequestID": 1234567,
    "loanID": null,
    "locations": []
  }
}
```

SRF Status API

GET Service Request Details

```
/v1/api/status/:serviceRequestID
```

```
/v1/api/status/:loanID
```

Request

Path Parameters

Path parameters can use either serviceRequestID or loanID but not both.

Path Parameter	Type	Description
serviceRequestID	Int	Service Request ID
loanID	Int	Loan ID

locationID can be used alone to retrieve all service related data or with a specific serviceID to return status on one service item.

GET Parameters

Parameter	Type	Description
locationID	Int	Location ID
serviceID	Int	Service ID

Sample status requests with locationID usage and locationID & serviceID usage.

```
/v1/api/status/:serviceRequestID?locationID=1234567
```

```
/v1/api/status/:serviceRequestID?locationID=1234567&serviceID=1234567
```

Response

```
{
  "response": {
    "code": 200,
    "date": "2018-04-28 12:23:23",
    "function": "get"
  }
}
```

```
},
"data": {
  "{serviceRequestID}": [
    {
      "locationID": {locationID},
      "address": [
        {
          "street_address": "123 street",
          "optional_address": "Suite #1",
          "city": "city",
          "state": "state",
          "stateAbbreviated": "stateAbbreviated",
          "zip": "zip",
          "country": "country",
          "countryAbbreviated": "countryAbbreviated"
        }
      ],
      "status": "Pending",
      "services": [
        {
          "serviceID": {serviceID},
          "jobNumber": "11-111111",
          "status": "Pending",
          "fee": null,
          "startDate": "12-13-2018 10:10:10",
          "dueDate": "12-13-2018 10:10:10",
          "completeDate": "12-13-2018 10:10:10",
          "createdAt": "",
          "updatedAt": ""
        }
      ]
    },
    {
      "locationID": {locationID},
      "address": [
        {
          "street_address": "123 street",
          "optional_address": "Suite #1",
          "city": "city",
          "state": "state",
          "stateAbbreviated": "stateAbbreviated",
          "zip": "zip",
          "country": "country",
          "countryAbbreviated": "countryAbbreviated"
        }
      ],
      "status": "Hold",
      "services": [
        {
          "serviceID": {serviceID},
          "jobNumber": "11-111111",
```

```
        "status": "Hold",
        "fee": null,
        "startDate": "12-13-2018 10:10:10",
        "dueDate": "12-13-2018 10:10:10",
        "completeDate": "12-13-2018 10:10:10",
      }
    ]
  },
  "meta": {}
}
```

SRF Download API

GET Service Request Details

```
/v1/api/download/:serviceRequestId?locationID=1234567&serviceID=1234567
```

```
/v1/api/download/:serviceRequestId?uploadID=1234567
```

Request

Path Parameters

Path Parameter	Type	Description
serviceRequestId	Int	Service Request ID

GET Parameters

Query parameters can be either a combination of locationID & serviceID or uploadID only.

Parameter	Type	Description
locationID	Int	Location ID
serviceID	Int	Service ID

OR

Parameter	Type	Description
uploadID	Int	Upload ID

Response

Browser will be redirected and download will automatically commence.

```
{
  "response": {
    "code": 200,
    "date": "2018-04-28 12:23:23",
    "function": "get"
  },
  "data": {
    "download": "{URI path of download file}"
  }
}
```


SRF Download Assets API

GET Service Request Details

```
/v1/api/download/assets/:serviceRequestId
```

Request

Path Parameters

Path Parameter	Type	Description
serviceRequestId	Int	Service Request ID

Response

Browser will be redirected and download will automatically commence.

```
[
  "response": {
    "code": 200,
    "date": "2018-04-28 12:23:23",
    "function": "get"
  },
  "data": [
    {
      "uploadID": 1234567,
      "LocationID": 1234567,
      "fileName": "example-filename.txt",
      "fileType": "text/plain",
      "fileLocation": "/path/to/file",
      "fileSize": "1.2mb",
      "token": "example",
      "typeID": 1234567,
      "createdAt": "2015-05-23",
      "updatedAt": "2015-05-23"
    },
    {
      "uploadID": 1234567,
      "LocationID": 1234567,
      "fileName": "example-filename.txt",
      "fileType": "text/plain",
      "fileLocation": "/path/to/file",
      "fileSize": "1.2mb",
      "token": "example",
      "typeID": 1234567,

```

```
      "createdAt": "2015-05-23",  
      "updatedAt": "2015-05-23"  
    }  
  ]  
]
```