# Portfolio Reporting

A collection of APIs that provide information associated with portfolio positions, transactions, and performance.

**TAGS**: edw, t+1,

**ENDPOINT**: Securities

**ENDPOINT DESCRIPTION**:

The list of securities contained in an individual portfolio as of a specific date.

**PROD URL**: https://api.seic.com/v1/portfolio/securities

**TEST URL**: https://test.api.seic.com/v1/portfolio/securities

**TLS URL***: https://mtls.api.seic.com/v1/portfolio/securities

*The TLS endpoint is only used if Server Based Application was selected during the App Registration process.

**STEP 1**
OAuth Token

**STEP 2**
Pass the oAuth Token and the App key to invoke this endpoint for a particular application.

**REQUEST PARAMETERS:**

| Name | Description | Data Type | Parameter Type |
|---|---|---|---|
| Authorization | access_token value obtained from the Token endpoint.This is passed as "Bearer access_token" | string | header |
| AppKey | This is the Consumer Key provided during the App Registration process and is used to identify the user's application. | string | header |
| startDate | A schedule is created to automate the run of a report over time. The start date is the initial date for when the schedule started. | string | query |
| endDate | A schedule is created to automate the run of a report over time. The end date is the last date for when the schedule will run. | string | query |
| reportingPeriod | The reporting period with valid values Daily, Weekly, Monthly and Quarterly. This mandatory query parameter is used only in a request to retrieve a limited set of positions data. | string | query |
| limit | Number of records per page. Many responses have a maximum of 50 records per page. | integer | query |

**SAMPLE REQUEST:**

```
curl -X GET \
  'https://api.seic.com//v1/portfolio/securities?startDate=2020-08-01&endDate=2020-09-01&reportingPeriod=Daily' \
  -H 'AppKey: gsedgaerhDSHGRSHv' \
  -H 'Authorization: Bearer ADsgdnnkjnfdIKJN' \
```

**REQUEST HEADER:**

```
Authorization: Bearer ADsgdnnkjnfdIKJN
AppKey: gsedgaerhDSHGRSH
```

**RESPONSE PAYLOAD MODEL:**

| Name | Description | Data Type(L) |
|---|---|---|
| externalId | Unique business identifier that represents a contact, investor, product, transaction or alternate entity recognized by SEI and a third party system or application. Many times the externalId is used to synchronize SEI sourced data with another data source for the same record. | string |
| id | The unique identifier for an entity such as a calendar, event, document, account, position or tax lot. | string |
| type | Transaction Types are the basic unit for recording transactions in SEI Accounting system and identifying the specfic purpose of the debit or credit being booked. | string |
| startDate | A schedule is created to automate the run of a report over time. The start date is the initial date for when the schedule started. It accepts the format as: [YYYY/MM/DD]. | string |
| endDate | The latest date within a range in ISO 8601 format YYYY-MM-DD. | string |
| asOfDate | As of business date of the reporting data in YYYY-MM-DD. | string |
| assetType | Textual description of the broader security categorization to which security record belongs. | string |
| closeDate | The date that an Account was officially closed or terminated. | string |
| alternateId | Alternate identifier. This is a secondary identifier typically used when integrating between systems. Use of this field is optional. | string (30) |
| domicileCountryIsoCode | Identifies the domicile country in ISO 3166-1 alpha-2 code format. | string |
| exchangeName | Textual description of the Securities Exchange in which the security is listed and traded. | string |
| gicsIndustryCode | The industry to which the issuer of the security belongs. | string |
| gicsIndustryGroupCode | The industry group to which the issuer of the security belongs. | string |
| gicsIndustryGroupName | The industry group to which the issuer of the security belongs. | string |
| gicsIndustryName | The industry to which the issuer of the security belongs. | string |
| gicsSectorCode | The economic sector to which the issuer of the security belongs. | string |
| gicsSectorName | The economic sector to which the issuer of the security belongs. | string |
| gicsSubIndustryCode | The sub industry category to which the issuer of the security belongs. | string |
| gicsSubIndustryName | The sub industry name to which the issuer of the security belongs. | string |
| investmentName | Name of the investment. | string |
| investmentType | Identifier assigned by the source system for the narrower asset category to which the security belongs. | string |
| isin | The International Securities Identification Number (ISIN) is an alphanumeric code that identifies a specific securities issue. | string |
| issueCountryIsoCode | ISO country code where the security was issued. | string |
| maturityDate | Date on which the fixed income security become mature. | string |
| openDate | The date an account was formally accepted or setup by the enterprise. | string |
| riskCountryIsoCode | Client specific Country whose credit rating would impact the risk rating of the security. | string |
| sedol | The Stock Exchange Daily Official List (SEDOL) is a list of security identifiers used in the United Kingdom and Ireland for clearing purposes. | string |

| | | |
|---|---|---|
| ticker | A ticker symbol used to identify a stock. | string |
| lastModifiedDate | Transaction level SEI Accounting system generated value representing the last changed date and time stamp | string |
| edwId | The internal security ID assigned by the warehouse | string |
| monthlyAccrualValue | Number of days in a month considered for fixed income security to pay out coupon. Some bonds pay every 30 days, some actual number of days of the month | string |
| yearlyAccrualValue | Number of days in a year considered for fixed income security to pay out coupon. Some bonds pay every 365 days, some actual number of days of the year. | string |
| alternateType | Secondary or alternate identifier assigned to Investment by source system. | string |
| amortizationType | Amortization type used to amortize the investment. | string |
| asc820Code | Financial Accounting Standards Board (FASB)'s - Accounting. Standards Codification (ASC) 820 . ASC 820 has a principles-based framework for measuring fair value in US GAAP. | string |
| bmbGlobalId | Bloomberg Global Code of the security | string |
| bmbTickerId | Bloomberg Ticker Code of the security | string |
| bmbUniqueId | Bloomberg Unique Code of the security | string |
| callDate1 | The first date after the call protection period on which the issuer of a bond can redeem their bond prior to its maturity date. | string |
| callDate2 | The second date after the call protection period on which the issuer of a bond can redeem their bond prior to its maturity date. | string |
| callDate3 | The third date after the call protection period on which the issuer of a bond can redeem their bond prior to its maturity date. | string |
| callPriceAmount1 | The redemption value of the bond as set by the issuer on the first call date. | string |
| callPriceAmount2 | The redemption value of the bond as set by the issuer on the second call date. | string |
| callPriceAmount3 | The redemption value of the bond as set by the issuer on the third call date. | string |
| couponDelayTypeCode | The period of time by which the coupon payment follows the nominal date of the coupon. Valid values: Months/DayOfMonth, NumBusinessDays, NumCalendarDays. | string |
| couponFirstDate | Date on which fixed income security would pay its first coupon | string |
| couponLastDate | Date on which fixed income security would pay its last coupon | string |
| cusipId | The CUSIP number is a unique identification number assigned to all stocks and registered bonds in the United States and Canada, and it is used to create a concrete distinction between securities that are traded on public markets. The Committee on Uniform Securities Identification Procedures (CUSIP) oversees the entire CUSIP system. | string |
| interestStartDate | The dated date is the date on which interest begins to accrue on a fixed-income security. | string |
| dividendRate | The rate in which security would be paying out the dividend. For example 2% of face value. | string |
| dtccId | The Depository Trust and Clearing Corporation (DTCC): five-digit to eight-digit identification number of the security. | string |
| domesticInternationalFlag | Indicates if the PE deal is a domestics (US) or International investment | string |
| exchangeCode | Short code for securities exchange in which security is listed. | string |
| exchangeMicCode | MIC Short code for securities exchange in which security is listed. | string |
| expirationDate | The date on which the security expires | string |

| | | |
|---|---|---|
| form13FSecurity | Indicates if the security is 13F reporting eligible. The SEC Form 13F is a filing with the Securities and Exchange Commission (SEC) also known as the Information Required of Institutional Investment Managers Form. It is a quarterly filing required of institutional investment managers with over $100 million in qualifying assets. | string |
| idcId | Identifier assigned to the security by Interactive Data Corporation | string |
| issuerIncorporationCode | The Country of Incorporation Code identifies the country in which the company is incorporated or legally registered. | string |
| issueCurrencyIsoCode | Currency code of the country of issue of the security. In the case of fund of fund investments this will be base currency of the fund being bought. | string |
| issueDate | Date on which the bond was issued | string |
| issuePriceAmount | Specific to fixed income, typically this is 100. | string |
| issuerName | Insitutuion or organization issuing security. | string |
| linCode | A nine-character Loan identification number assigned by Thomson Reuters LPC | string |
| loanId | The LoanX ID or LXID is a unique identifier applied to syndicated loans. | string |
| maturityPriceAmount | The redemption price of the fixed income/debt security at maturity. | string |
| optionDate | Put/ call date on an option | string |
| optionExpireDate | Date until which the option contract is valid. | string |
| optionPriceAmount | Price of the option | string |
| paymentFrequencyTypeName | The frequency in which the fixed income security would pay out the accrued income. Monthly, quarterly. | string |
| penUltimateCouponDate | Next to last coupon payment date | string |
| pricingFactorValue | Factor by which the price is multiplied to calculate market value. For bonds this would be 0.01. For equities this would be 1. | string |
| principalCurrencyIsocode | The currency in which the investment pays principal (return of capital, mature, cash in lieu). | string |
| referenceCode | The Reference Entity Database code of the investment (MARKIT RED Code). | string |
| refundedDate | Date on which the bond will be refunded. The date of refunding will usually be the first callable date of the bonds. | string |
| riskCurrencyIsoCode | The issue currency of an international investment repackaged for trade in a local currency. | string |
| secEligibleFlag | Indicates if trading of this security requires fee payment to Securities Exchange Commission. | string |
| sellPriceAmount | Strike Price | string |
| settlementLagDays | Number of days from trade date to contractual settement date. | string |
| tradingFactorValue | Unit of trading used to calculate market value. (Usually 1.0) The multiplier used against quantity along with the pricing factor to calculate the cost and market value of the investment. | string |
| taxWithholdingTypeCode | Withholding tax type | string |
| brokerName | The name of the trading broker on a transaction. | string |
| interestRate | Base Rate+ Spread Rate. This is total interest rate charged to the end customer of a fixed income security , where an interest is charged. Interest rate is objective where as security pricing is subjective and could vary between sources. | string |
| investmentDescription | The full text description of an investment. | string |

**RESPONSE ERRORS:**

| Name | Description |
|---|---|
| 200 | OK- The request has succeeded and the response has been returned. |
| 400 | Bad request - The server cannot or will not process the request due to an inaccurate request submitted by the client application. Please resubmit the request after making the required corrections indicated in the error response. For more Info on SEI Error Standards please refer to the API Standards FAQ under Support. |
| 401 | Unauthorized - Invalid authentication details have been provided. Also useful to trigger an authorization pop up if the API is used from a browser. |
| 403 | Forbidden-The SEI Server understood the request but refuses to fulfill it. |
| 404 | Not Found- The requested resource or the underlying resource does not exist. Please resubmit the request after making the required corrections |
| 500 | Internal Server Error - The server was unable to fulfill the request due to an unknown condition. Please contact SEI for support. For More Info please refer to the "Response & Errors" FAQ under support. |

**SAMPLE RESPONSE:**


```
{
    "data": [
        {
            "externalId": "700000123",
            "edwId": 654321,
            "type": "SEI ID",
            "monthlyAccrualValue": null,
            "endDate": "2019-02-21T23:59:59",
            "startDate": "1900-01-01T00:00:00",
            "yearlyAccrualValue": null,
            "alternateId": "6494102",
            "alternateType": null,
            "amortizationType": null,
            "asOfDate": "2019-02-22T00:00:00",
            "asc820Code": null,
            "assetType": "Equity",
            "bmbGlobalId": "BBG000B9Y054",
            "bmbTickerId": "6317 JP",
            "bmbUniqueId": "EQ0011397500001000",
            "brokerName": null,
            "id": "700000123",
            "callDate1": null,
            "callDate2": null,
            "callDate3": null,
            "callPriceAmount1": null,
            "callPriceAmount2": null,
            "callPriceAmount3": null,
            "closeDate": null,
            "couponDelayTypeCode": null,
            "couponFirstDate": null,
            "couponLastDate": null,
            "cusipId": "",
            "interestStartDate": null,
            "dividendRate": null,
            "domesticInternationalFlag": null,
            "domicileCountryIsoCode": null,
            "dtccId": null,
            "exchangeCode": "XTKS",
            "exchangeMicCode": null,
            "exchangeName": null,
            "expirationDate": null,
            "form13FSecurity": false,
            "gicsIndustryCode": null,
```

```
            "gicsIndustryGroupCode": null,
            "gicsIndustryGroupName": null,
            "gicsIndustryName": null,
            "gicsSectorCode": null,
            "gicsSectorName": null,
            "gicsSubIndustryCode": 20106020,
            "gicsSubIndustryName": null,
            "idcId": "6494102",
            "interestRate": null,
            "investmentDescription": null,
            "investmentName": "KITAGAWA CORP",
            "investmentType": "Common Stock",
            "isin": "JP3237200005",
            "issueCountryIsoCode": "JP",
            "issueCurrencyIsoCode": null,
            "issueDate": null,
            "issuePriceAmount": null,
            "issuerIncorporationCode": null,
            "issuerName": "BBG001FFD6H1",
            "linCode": null,
            "loanId": null,
            "maturityDate": null,
            "maturityPriceAmount": null,
            "openDate": null,
            "optionDate": null,
            "optionExpireDate": null,
            "optionPriceAmount": null,
            "paymentFrequencyTypeName": null,
            "penUltimateCouponDate": null,
            "pricingFactorValue": 1,
            "principalCurrencyIsocode": "JPY",
            "referenceCode": null,
            "refundedDate": null,
            "riskCountryIsoCode": null,
            "riskCurrencyIsoCode": "JPY",
            "secEligibleFlag": true,
            "sedol": "6494102",
            "sellPriceAmount": null,
            "settlementLagDays": null,
            "ticker": "6317 JP",
            "tradingFactorValue": 1,
            "lastModifiedDate": "2019-05-03T21:11:50",
            "taxWithholdingTypeCode": "Standard"
        }
    ],
    "paging": {
        "totalCount": 3,
        "limit": 1,
        "first":
"https://api.seic.com/v1/portfolio/securities?&startDate=2019-01-10&endDate=2019-01-10&reportingPeriod=Closed&exter
nalId=&before=MQ==&after=MQ==",
        "last":
"https://api.seic.com/v1/portfolio/securities?&startDate=2019-01-10&endDate=2019-01-10&reportingPeriod=Closed&exter
nalId=&before=Mw==&after=Mw==",
        "previous": null,
        "next":
"https://api.seic.com/v1/portfolio/securities?&startDate=2019-01-10&endDate=2019-01-10&reportingPeriod=Closed&exter
nalId=&before=Mg==&after=Mg==",
        "self":
"https://api.seic.com/v1/portfolio/securities?limit=1&startDate=2019-01-10&endDate=2019-01-10&reportingPeriod=Close
d&externalId="
    }
}
```

**RESPONSE HEADER:**

```
Content-Type: application/json
Status: 200 OK
requesttrackingid: 67e1ff68-164f-03ad-0f2d-5cbbfda56ec9
```