SMA Trade Order Management

The SMA or Separately Managed Accounts API allows a firm to submit Trade Trade tickets to the SEI middle office team who then fills orders for those tickets created by the client application. The client application can then use GET requests to check the status of SMA trade tickets and orders filed on their behalf.

TAGS: middleOffice, Trade Ticket,

ENDPOINT: SMA Trade Tickets

ENDPOINT DESCRIPTION: Communicates ATB Trade Orders to Client for new order quantities, order quality changes, rebalance the price, and status.

PROD URL: https://api.seic.com/v1/order/tradetickets

TEST URL: https://test.api.seic.com/v1/order/tradetickets

TLS URL*: https://mtls.api.seic.com/v1/order/tradetickets

*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	The Base64 Encoded AppKey (Consumer Key) and secret (Consumer Secret) provided during the App registration process.	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
id	The unique identifier for an entity such as a calendar, event, document, account, position or tax lot.	integer	query
status	Defines the status for a specific pending transaction, such as 'Active' or 'Cancel'.	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/order/tradetickets' \
-H 'AppKey: gsedgaerhDSHGRSHv' \
-H 'Authorization: Bearer ADsgdnnkjnfdIKJN'\
```

REQUEST HEADER:

```
AppKey: gsedgaerhDSHGRSHv

Authorization: Bearer ADsgdnnkjnfdIKJN
```

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
batchId	SEI Accounting system generated identifier for batch representing a group of journal entries	string
orderId	The Unique identifier of the order.	string
ticker	A ticker symbol used to identify a stock.	string
cusip	A 9-digit alphanumeric securities identifier assigned by the Committee on Uniform Security Identification Procedures (CUSIP) for the purposes of facilitating clearing and settlement of trades.	string
quantity	The current face amount, or quantity of shares held, for an investment or noted on a transaction.	number
status	Defines the status for a specific pending transaction, such as 'Active' or 'Cancel'.	string
createDate	Initial create timestamp for the record. Datetime is Eastern Standard Time (EST).	string
changeDate	Latest date the entity relevant to the API was modified. Date is in ISO 8601 format YYYY-MM-DD. Datetime is Eastern Standard Time (EST).	string
tradeTicketId	Unique number (up to 8 characters)	string
masterOrderId	Unique number (up to 8 characters)	string
side	Trade Instruction - Buy, Sell	string
orderGenerationPrice	Price supplied for APL.	string
rebalancePrice	Actual price used to generate the trade in APL	string
omniBus	Transactions occurring within an omnibus account will appear under the name of the associated broker, leaving the details of individual investors private	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
405	Validation exception
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": [
        {
            "batchId": "123",
            "tradeTicketId": 10,
```

```
                "masterOrderId": 12345,
                "orderId": 2,
                "omnibus": "PW_SMA_GL",
                "side": "BUY",
                "ticker": "XOM 1.912 03/06/20",
                "cusip": "30231GAG7",
                "quantity": 1234,
                "orderGenerationPrice": 11.145,
                "rebalancePrice": 10,
                "status": "Original",
                "createDate": "2019-06-26T12:01:12.487",
                "changeDate": "2019-06-26T17:06:20.647"
            }
        ],
        "paging": {
            "totalCount": 125,
            "limit": 1,
            "first": "https://test.api.seic.com/v1/order/tradetickets?status=Original&before=MQ==&after=MQ==&limit=1",
            "last": "https://test.api.seic.com/v1/order/tradetickets?status=Original&before=MTI1&after=MTI1&limit=1",
            "previous": null,
            "next": "https://test.api.seic.com/v1/order/tradetickets?status=Original&before=Mg==&after=Mg==&limit=1",
            "self": "https://test.api.seic.com/v1/order/tradetickets?status=Original&limit=1"
        }
}
```

RESPONSE HEADER:

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