

Revision History

Effective Date	Version	Description
2025-03-31	1.0	- Create document

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1. Introduction

1.1 Overview

The financial statement service will provide financial data for listed companies based on member subscriptions. Members can call APIs to retrieve the latest financial data at 4AM BKK time each day.

For all companies subscription:

The first use: Members are required to retrieve complete data from the Financial Statement API according to subscriptions. This ensures they have a full baseline of information. It is recommended that members also retrieve data from the Last Update Date API to record the last update date for each quarter.

Daily updates: SET recommends that members retrieve data from the Last Update Date API first and compare the last update date to check which quarter data has been updated and then retrieve data from the Financial Statement API only for the updated quarter to replace your database with the latest financial data. For example:

- Compare the last update date and discover that Q4/2024 data has been updated.
- Retrieve data from the Financial Statement API and replace all current data where the 'asOfDate' is in Q4/2024 (between 2024-10-01 to 2024-12-31).

1.2 Authentication

1. Go to www.set.or.th/smartmarketplace.
2. Go to "API Key" in the left menu panel and login with your registered username/password.
3. Create your API key.
4. Use the created API key as a parameter to retrieve data via API.

Note: SET recommends that members renew API key every 6 months to 1 year in accordance with company's security policy

2. Account Code

Description	Master information of financial account
URL	https://marketplace.set.or.th/api/public/financial-statement/account-code
Method	GET
Header	api-key

Specification

No.	Properties	Type	Format / Max. Length	Description
1	accountForm	String	1	Account form, categorized by type of business of the company - 1 = Bank - 2 = Other Financial Institutions - 3 = Securities - 4 = Insurance - 5 = Fund - 6 = General Commercial Business
2	accountCode	String	6	Account identification number
3	thaiName	String	255	Name of account in Thai
4	englishName	String	255	Name of account in English
5	sequence	Number	Integer	Sequence of account
6	accountType	String	1	Type of Account - B = Statement of financial position - I = Income statement - C = Statement of cash flow
7	accountSubType	String	1	Sub type of account for statement of financial position (use for display) - A = Assets - L = Liabilities - E = Equity - Null for other account types
8	sign	Number	Integer	The charge of the values in the sub account to be included as the parent account. - 1 = Sub account value is added into parent account - (-1) = Sub account value is deducted from parent account
9	unit	Number	Integer	Unit of account
10	parentCode	String	6	Parent account code
11	indent	Number	Integer	Indent number (use for display)
12	accountFormat	String	3	Format (use for display) - BFG = Headline items to break section (no value, use for display only) - BF = Headline items to break sub section (no value, use for display only) - B = Total value / important account - BU = Total value at the end of section - Null = Normal account

3. Financial Statement (by company)

Description	Financial statement detail for all companies of the specific quarter
URL	https://marketplace.set.or.th/api/public/financial-statement/company
Method	GET
Header	api-key

Specification

No.	Properties	Type	Format / Max. Length	Description
1	symbol	String	20	Instrument short name: e.g., BBL, PTT - Symbol may include alphabets, number, hyphen, full stop, &.
2	fiscalYear	Number	Integer	Accounting year
3	quarter	Number	Integer	Quarter of financial statement - 1 = Quarter 1 - 2 = Quarter 2 - 3 = Quarter 3 - 9 = Annual
4	statementType	String	1	Financial statement type - C = Consolidated financial statement - E = Equity method statement - U = Separate financial statement
5	asOfDate	String	YYYY-MM-DD	Financial statement as of date
6	adjustmentStatus	String	1	Status of the financial statement adjustment - O = Original Statement - R = Restatement - P = Pro forma
7	financialPositionFlag	String	1	Statement of financial Position flag - Null = Contains statement of financial position information - N = No statement of financial position information
8	incomeFlag	String	1	Income statement Flag - Null = Contains Income statement information - N = No Income statement information
9	cashFlowFlag	String	1	Statement of cash flow Flag - Null = Contains cash flow information - N = No cash flow information
10	financialPositionStatus	String	1	Status of the Statement of financial position - U = Unreviewed - R = Reviewed - A = Audited - P = Pro forma financial statement
11	qIncomeStatus	String	1	Status of the income statement (amount of 3 months) - U = Unreviewed - R = Reviewed - A = Audited - P = Pro forma financial statement - Null = No Financial statement Status
12	accIncomeStatus	String	1	Status of the income statement (accumulated amount) - U = Unreviewed - R = Reviewed - A = Audited - P = Pro forma financial statement
13	cashFlowStatus	String	1	Status of the statement of cash flow - U = Unreviewed - R = Reviewed - A = Audited - P = Pro forma financial statement
14	accountForm	String	1	Account form, categorized by type of business of the company - 1 = Bank - 2 = Other Financial Institutions - 3 = Securities - 4 = Insurance

				- 5 = Fund - 6 = General Commercial Business
15	currency	String	3	Currency of financial statement
16	startDateOfFiscalYear	String	YYYY-MM-DD	Start date of the fiscal year
17	asOfDateFinancialPosition	String	YYYY-MM-DD	Statement of financial position as of date
18	startDateOfIncome	String	YYYY-MM-DD	Start Date of income statement
19	asOfDateIncome	String	YYYY-MM-DD	Income statement as of date
20	startDateOfCashFlow	String	YYYY-MM-DD	Start Date of statement of cash flow
21	asOfDateCashFlow	String	YYYY-MM-DD	Statement of cashflow as of date
22	financialStatementDetail	Object		#financialStatementDetail

#financialStatementDetail

No.	Properties	Type	Format / Max. Length	Description
1	accountCode	String	6	Account identification number
2	amount	Number	Decimal	- Amount in the financial statement period - Decimal: 5 decimal places
3	accumulatedAmount	Number	Decimal	- Accumulated amount (from the beginning of fiscal year) - Decimal: 5 decimal places
4	balanceFlag	String	1	Balance flag - N = The sum of the amount in the sub account Not equal to the amount of the account - Null = The sum of the amount in the sub account Equal to the amount of the account

4. Financial Statement (all companies)

Description	Financial statement detail for all companies of the specific quarter
URL	https://marketplace.set.or.th/api/public/financial-statement/all
Method	GET
Header	api-key

Parameter				
No.	Properties	Type	Required	Description
1	asOfYear	String	Y	Year of financial statement as of date (in YYYY format)
2	asOfQuarter	String	Y	Quarter of financial statement as of date - 1 = Quarter 1 - 2 = Quarter 2 - 3 = Quarter 3 - 4 = Quarter 4

Specification

No.	Properties	Type	Format / Max. Length	Description
1	symbol	String	20	Instrument short name: e.g., BBL, PTT - Symbol may include alphabets, number, hyphen, full stop, &.
2	fiscalYear	Number	Integer	Accounting year
3	quarter	Number	Integer	Quarter of financial statement - 1 = Quarter 1 - 2 = Quarter 2 - 3 = Quarter 3 - 9 = Annual
4	statementType	String	1	Financial statement type - C = Consolidated financial statement - E = Equity method statement - U = Separate financial statement
5	asOfDate	String	YYYY-MM-DD	Financial statement as of date
6	adjustmentStatus	String	1	Status of the financial statement adjustment - O = Original Statement - R = Restatement - P = Pro forma
7	financialPositionFlag	String	1	Statement of financial Position flag - Null = Contains statement of financial position information - N = No statement of financial position information
8	incomeFlag	String	1	Income statement Flag - Null = Contains Income statement information - N = No Income statement information
9	cashFlowFlag	String	1	Statement of cash flow Flag - Null = Contains cash flow information - N = No cash flow information
10	financialPositionStatus	String	1	Status of the Statement of financial position - U = Unreviewed - R = Reviewed - A = Audited - P = Pro forma financial statement
11	qIncomeStatus	String	1	Status of the income statement (amount of 3 months) - U = Unreviewed - R = Reviewed - A = Audited - P = Pro forma financial statement - Null = No Financial statement Status
12	accIncomeStatus	String	1	Status of the income statement (accumulated amount) - U = Unreviewed - R = Reviewed

				- A = Audited - P = Pro forma financial statement
13	cashFlowStatus	String	1	Status of the statement of cash flow - U = Unreviewed - R = Reviewed - A = Audited - P = Pro forma financial statement
14	accountForm	String	1	Account form, categorized by type of business of the company - 1 = Bank - 2 = Other Financial Institutions - 3 = Securities - 4 = Insurance - 5 = Fund - 6 = General Commercial Business
15	currency	String	3	Currency of financial statement
16	startDateOfFiscalYear	String	YYYY-MM-DD	Start date of the fiscal year
17	asOfDateFinancialPosition	String	YYYY-MM-DD	Statement of financial position as of date
18	startDateOfIncome	String	YYYY-MM-DD	Start Date of income statement
19	asOfDateIncome	String	YYYY-MM-DD	Income statement as of date
20	startDateOfCashFlow	String	YYYY-MM-DD	Start Date of statement of cash flow
21	asOfDateCashFlow	String	YYYY-MM-DD	Statement of cashflow as of date
22	financialStatementDetail	Object		#financialStatementDetail

#financialStatementDetail

No.	Properties	Type	Format / Max. Length	Description
1	accountCode	String	6	Account identification number
2	amount	Number	Decimal	- Amount in the financial statement period - Decimal: 5 decimal places
3	accumulatedAmount	Number	Decimal	- Accumulated amount (from the beginning of fiscal year) - Decimal: 5 decimal places
4	balanceFlag	String	1	Balance flag - N = The sum of the amount in the sub account Not equal to the amount of the account - Null = The sum of the amount in the sub account Equal to the amount of the account

Example

Symbol	Fiscal Q/Y of financial statement	Financial statement as of date	Data received from requested parameter				
			asOfYear=2024 asOfQuarter=3	asOfYear=2024 asOfQuarter=2	asOfYear=2024 asOfQuarter=1	asOfYear=2023 asOfQuarter=4	asOfYear=2023 asOfQuarter=3
AEONTS	Q2/2025	2024-08-31	/				
AOT	Q3/2024	2024-06-30		/			
BTS	Q1/2025	2024-06-30		/			
MC	Yearly/2024	2024-06-30		/			
PTT	Q2/2024	2024-06-30		/			
AEONTS	Q1/2025	2024-05-31		/			
AOT	Q2/2024	2024-03-31			/		
BTS	Yearly/2024	2024-03-31			/		
MC	Q3/2024	2024-03-31			/		
PTT	Q1/2024	2024-03-31			/		
AEONTS	Yearly/2024	2024-02-29			/		
AOT	Q1/2024	2023-12-31				/	

BTS	Q3/2024	2023-12-31				/	
MC	Q2/2024	2023-12-31				/	
PTT	Yearly/2023	2023-12-31				/	
AEONTS	Q3/2024	2023-11-30				/	
AOT	Yearly/2023	2023-09-30					/
BTS	Q2/2024	2023-09-30					/
MC	Q1/2024	2023-09-30					/
PTT	Q3/2023	2023-09-30					/

* Fiscal year end of PTT: 12/31, AOT: 09/30, MC: 06/30, BTS: 03/3, AEONTS: 02/28.

5. Last Update Date

Description	The last update date of each 'asOfYear' and 'asOfQuarter' used to determine which quarter needs an update
URL	https://marketplace.set.or.th/api/public/financial-statement/last-update-date
Method	GET
Header	api-key

No.	Properties	Type	Format / Max. Length	Description
1	asOfYear	Number	Integer	Year of financial statement as of date (in YYYY format)
2	asOfQuarter	Number	Integer	Quarter of financial statement as of date - 1 = Quarter 1 - 2 = Quarter 2 - 3 = Quarter 3 - 4 = Quarter 4
3	lastUpdateDate	Date	YYYY-MM-DD	- Last update date of each quarter - This value can be null, meaning there have been no updates since the service started