

**Revision History**

| Effective Date | Version | Description     |
|----------------|---------|-----------------|
| 2023-12-04     | 1.0     | Create document |

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## **1. Introduction**

### 1.1 Overview

A service that enables subscribers to receive 3 months of historical investor alert news from SET by calling RESTful API in JSON format.

This service is available from Monday to Friday between 6:30 a.m. and 04:30 a.m. BKK time.

### 1.2 Authentication

1. Go to [www.set.or.th/smartmarketplace](http://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.

## 2. Investor Alert News API

|                    |   |
|--------------------|---|
| <b>Description</b> | To get 3 months of historical investor alert news   |
| <b>URL</b>         | https://marketplace.set.or.th/api/public/news/alert |
| <b>Method</b>      | GET   |
| <b>Header</b>      | api-key   |

### Specification

| No. | Properties  | Type  | Format / Max Length | Description   |
|-----|-------------|-------|---------------------|---|
| 1   | news        | Array |                     | #news   |
| 2   | deletedNews | Array |                     | #deletedNews<br>- In case there is a news deletion event, the deleted news will be removed from #news object and shown in #deletedNews object instead. SET would like to ask members to remove the deleted news from member's database. |

### #news

| No. | Properties    | Type   | Format / Max Length      | Description   |
|-----|---------------|--------|--------------------------|---|
| 1   | publishDate   | String | YYYY-MM-DD "T" hh:mm:ssZ | News publish date and time. (A date-time with a time-zone in the ISO-8601 calendar system, such as 2023-08-31T21:29:36+07:00) |
| 2   | newsId        | String | 20                       | Unique News ID, used for checking duplicated and deleted news   |
| 3   | newsGroup     | String | 20                       | News announcement group   |
| 4   | reportType    | String | 5                        | The type of report<br>- NWS = News  |
| 5   | newsType      | String | 2                        | The type of news<br>- 61 = Investor Alert News  |
| 6   | language      | String | 1                        | The language the news is presented in<br>- T = Thai<br>- E = English  |
| 7   | symbol        | Array  |                          | #symbol   |
| 8   | marketId      | String | 5                        | The market the news applies to<br>- SET<br>- MAI<br>- TFEX  |
| 9   | senderName    | String | 20                       | The sender symbol including regulator, issuer and listed company  |
| 10  | headLine      | String | 250                      | The headline for the news   |
| 11  | newsFileName  | String | 50                       | The News or report file name. It can be plain text or zip file  |
| 12  | pdfFileName   | String | 50                       | The PDF file name.  |
| 13  | templateCodes | Array  |                          | #templateCodes  |

**#symbol**

| No. | Properties | Type   | Format / Max Length | Description  |
|-----|------------|--------|---------------------|--|
| 1   | symbol     | String | 20                  | Instrument symbols which this news message applies |

**#templateCodes**

| No. | Properties    | Type   | Format / Max Length | Description         |
|-----|---------------|--------|---------------------|---------------------|
| 1   | templateCodes | String | 2                   | News template codes |

**#deletedNews**

| No. | Properties  | Type   | Format / Max Length      | Description   |
|-----|-------------|--------|--------------------------|---|
| 1   | publishDate | String | YYYY-MM-DD "T" hh:mm:ssZ | News publish date and time. (A date-time with a time-zone in the ISO-8601 calendar system, such as 2023-08-31T21:29:36+07:00) |
| 2   | newsId      | String | 20                       | Unique News ID, used for checking duplicated and deleted news   |

### 3. Appendix

#### All possible values of news template code

| List               | Code  |
|--------------------|---|
| News Template Code | <ul style="list-style-type: none"> <li>- 01 = Schedule of Shareholders' meeting</li> <li>- 02 = Dividend payment / Omitted dividend payment</li> <li>- 03 = Increasing Capital</li> <li>- 04 = Issued Convertible Securities</li> <li>- 05 = Paid up Capital Reduction</li> <li>- 06 = Changing the Par Value</li> <li>- 07 = Shares Repurchase</li> <li>- 08 = Resale of Share Repurchase</li> <li>- 09 = Tender Offer</li> <li>- 11 = Notification the exercise of securities / Notification the last exercise of securities</li> <li>- 12 = Interest Payment of Debentures</li> <li>- 13 = Change of director or Executive</li> <li>- 14 = Shareholders meeting's resolution</li> <li>- 15 = MD&amp;A (Management Discussion and Analysis)</li> <li>- 16 = IFA's Opinion</li> <li>- 17 = Clarified information as SET requested</li> <li>- 18 = Listing</li> <li>- 19 = Additional Listed Securities</li> <li>- 20 = Change of Sector/Market</li> <li>- 21 = Sign Posted</li> <li>- 22 = Sign Lifted</li> <li>- 23 = Investor reminding</li> <li>- 24 = Dissemination of operating results via SET's disclosure system</li> <li>- 25 = Delisting</li> <li>- 26 = Change in Par Value</li> <li>- 27 = Decreasing of paid-up Capital</li> <li>- 28 = Change of security's name</li> <li>- 29 = Stock included in / excluded from Index calculation</li> <li>- 30 = Change of the ceiling and floor price</li> <li>- 31 = Stabilization</li> <li>- 32 = End of stabilization Period</li> <li>- 33 = Changes of board lot</li> <li>- 34 = Cash balance</li> <li>- 35 = Financial statements commands from the SEC</li> <li>- 36 = SEC News</li> <li>- 37 = DW Cash balance</li> <li>- 38 = Investor reminding/Information analysis</li> <li>- 41 = SET News Release</li> <li>- 42 = mai News Release</li> <li>- 43 = TSD News Release</li> <li>- 44 = STT (SETTRADE) News Release</li> <li>- 45 = TFEX News Release</li> <li>- 46 = Renewal of the Share Certificate</li> <li>- 47 = Issuing new share certificate</li> <li>- 48 = Appointment of the Securities Registrar</li> <li>- 51 = Form 45-1</li> <li>- 52 = Form 45-2</li> <li>- 53 = Form 45-3</li> <li>- 59 = Report on Net Assets Value (NAV) per unit</li> <li>- 60 = Trading Alert List</li> <li>- 61 = Investor Alert News</li> <li>- 62 = Reprimand News</li> <li>- 63 = SET requests to clarify news</li> <li>- 64 = Request for trading suspension</li> <li>- 65 = SET requests to clarify Trading Alert List</li> </ul> |

- 66 = Operating result
- 67 = Connected transaction
- 68 = Acquisition and disposition of assets
- 69 = Capital reduction of Fund
- 71 = Contract Adjustments
- 72 = Capital Increase
- 74 = Form for Reporting Share Repurchases
- 75 = Report Form for the Resale of Shares
- 76 = Right Adjustment/No Right Adjustment
- 77 = Report on the DW Distribution
- 78 = Pre-emptive Right
- 79 = Removal of causes of possible delisting
- 80 = Position Limit
- 81 = Rights to Subscribe for Additional NVDRs
- 83 = The results of sale of shares (F53-5)
- 84 = Schedule of Unit-holders' Meeting
- 85 = Meeting schedule of debenture holders
- 86 = Resolution of debenture holders
- 87 = Unit-holders' resolution
- 89 = The results of the sale of Warrants/TSR (F53-5)
- 90 = Right exercise of DW
- 91 = Right for subscription securities
- 92 = Right adjustment of DW/No right adjustment of DW
- 93 = Dividend payment / Omitted dividend payment
- 94 = Report on the result of sale of investment unit/trust unit (F53-5)
- 95 = The results of the exercise of Warrants/TSR (F53-5)
- 96 = Report on the result of exercise of other convertible securities (F53-5)
- 97 = Adjustment of the number and the exercise
- 98 = Trading / Termination Commencement
- 99 = SET Circuit Breaker
- A0 = Request for trading suspension of DW
- A1 = TFEX Circuit Breaker
- A2 = TFEX trading halt
- A3 = Sign C posted
- A4 = Sign C remained
- A5 = Sign C lifted
- A6 = Change CFO / Chief Accountant
- A7 = Report on the result of exercise of DW (F53-5)
- A8 = Settlement Price and Net Cash Settlement
- A9 = Summary of operating result form (F-45)
- B0 = Information Memorandum
- B1 = Change of Exercise date / Last trading date
- B2 = Changes in the constituents of SET50 and SET100 between the periodic review
- B3 = Request for trading suspension of DR
- B4 = Notification for underlying securities' dividend payment
- B5 = Notification for underlying securities' Right Offering
- B6 = Notification for underlying securities have trading suspension
- B7 = Notification for underlying securities to clarify news
- B8 = Notification for not performing the duty of market maker
- B9 = Dividend payment
- C1 = Summary of operating result form (F-45) - investment unit/trust unit
- C2 = Notification for the duty of market maker
- C3 = Eligible Bonds