

Revision History

Effective Date	Version	Description
2024-02-05	1.0	Create document

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1. Introduction

1.1 Overview

The Program Trading Statistics service will contain daily market summary of program trading value and daily program trading value by securities (securities with significant changes of price or trading value comparing to prior trading day). The member will be able to call APIs to get program trading statistics daily at approximately 7.00 pm (Thailand time).

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.

2. Program Trading Statistics

Description	- Daily market summary of program trading value and daily program trading value by securities - Program trading value and percentage will be provided up to 2 decimal digits
URL	https://marketplace.set.or.th/api/public/program-trading
Method	GET
Header	api-key
Parameter	tradeDate: YYYY-MM-DD

Specification

No.	Properties	Type	Format / Max. Length	Description
1	tradeDate	String	YYYY-MM-DD	Trading Date in YYYY-MM-DD format
2	marketSummary	Array		#marketSummary
3	bySecurities	Array		#bySecurities

#marketSummary

No.	Properties	Type	Format / Max. Length	Description
1	buyProgramTradingValue	Numeric	Double	Buy value of program trading (SET and mai) in Baht
2	sellProgramTradingValue	Numeric	Double	Sell value of program trading (SET and mai) in Baht
3	buyNonProgramTradingValue	Numeric	Double	Buy value of non program trading (SET and mai) in Baht
4	sellNonProgramTradingValue	Numeric	Double	Sell value of non program trading (SET and mai) in Baht

#bySecurities

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	marketSegment	String	3	Possible values: - SET - MAI
3	programTradingValue	Numeric	Double	Program Trading Value (Baht)
4	percentageProgramTradingValue	Numeric	Double	% Program Trading Value comparing with Auto Matching