

✓ *Planning*

✓ *Calculating*

✓ *Managing*

✓ *Networking*

DSE DATA SERVICES

(Your Trusted Partner for Market Intelligence & Charting Your Financial Future)



Dhaka Stock Exchange Limited

Contents

What Is Data Service?	3
What Can Data Do For You? / Scope Of Data Service:.....	3
How Can You Add Value By Getting DSE Data Service?.....	3
Data Of Stock Exchanges:	4
Stake Holders Of Stock Exchanges:	5
Dhaka Stock Exchange:	5
Dhaka Stock Exchange (DSE) Data Service:	6
What DSE Offers?	6
IMDS Data:	6
Features Of Imds:	7
A. Market Statistics	7
B. News/Announcement	7
C. Trade Statistics	7
D. Index	7
Collection And Dissemination Of Imds Data Service:	7
EOD Data	8
Features Of EOD Data:.....	8
Collection And Dissemination Of EOD Data Service:.....	8
Real-TIME Data	8
Fee Structure (1/2).....	9
Fee Structure (2/2).....	10
DSE- Digital Trading Solutions: (DSE Mobile App)	11
How To Subscribe For DSE Data Service?	11
Disclaimer:.....	11
Data Structure:.....	12
IMDS Data:	12
EOD Data:	13

WHAT IS DATA SERVICE?

Data means a set of values of subjective or quantitative factors about one or more persons or objects and it is a wide-ranging concept which states to the fact of some existing information or knowledge, moreover, it is denoted or coded in some format that is suitable for better usage and processing for further use.

Service is an action, attempt, or effort executed to satisfy a need or to fulfill a demand or assignment.

Data Service is a service where provider enables client in data storage by access on demand regardless of their geographic location.

WHAT CAN DATA DO FOR YOU? / SCOPE OF DATA SERVICE:

- Data services can eliminate redundancy and streamline outlays by accommodation of critical data in a unified location, enabling the data to be accessed and updated by multiple users while ensuring a single point for updates.
- Valuable companies in the world are data-driven and data can bring fortune for you.
- Unlocking the full potentiality from scratch.
- Content Management with highest efficiency.

HOW CAN YOU ADD VALUE BY GETTING DSE DATA SERVICE?

- 1) **Research and report:** Enabling to do own research and publication of report on the basis of continuous data analysis to help different types of work group in the capital market.
- 2) **Implementation of development scheme:** Accelerating the implementation of developmental scheme, advancing core competitiveness and providing diversified products and services to the market.
- 3) **Filling market demands:** Meeting your business requirements, increasing market share, plummeting irrational price fluctuations and enhancing market activity through DSE Real Time, iMDS and EOD data.
- 4) **Processing data in your own way:** Reinforce your decision making with high quality and reasonable financial data. With DSE data service you can get securities reference data, equity, bond data and end of day trade price effortlessly. All these can be compliantly delivered to your device by a click.

- 5) **Minimize inaccuracies:** With the help of DSE professional data service, you can avoid data entry mistakes and reduce data errors to a minimum level. This automation meant to improved data quality.
- 6) **Boost your business:** By outsourcing services such as data and content management, you are able to focus on your business's core competencies and improve both revenue growth and operational efficiency.
- 7) **Cutting costs & optimizing ROI:** The efficient use of DSE data resources helps you save time, costs and eventually, improve your ROI.
- 8) **Direct information from the source:** An Integrated processes ensure that you receive the same information that is used by our trading, clearing and settlement systems. That means information transfer is fast and correct. If anything happened, you will know about it by a click.
- 9) **Reduces processing costs:** DSE data services are delivered in a variety of formats and delivery channels designed for straight-through processing – enabling you to reduce processing costs, and avoiding data errors and processing delays.
- 10) **Flexible licensing:** DSE provides licensing options for a variety of business models. You can choose the most suitable way to access DSE data service for you – whether that's co-location in the Bangladesh or affordable web access to end-of-day data.
- 11) **Market-leading technology:** DSE technology and systems are recognized for their reliability and efficiency. DSE data services are also supported by the DSE Trading System (DSE X-Stream INET (NASDAQ), Flextrade and other modern technologies helping to deliver a fast and reliable service to you and you can use them confidently.

DATA OF STOCK EXCHANGES:

Stock Exchanges are the main hub for capital formation around the world so it possesses valuable data in a variety of fields. Stock Exchanges holds all the data from its origination till the current date. Active trading is happening all the time around the world and it creates valuable data in raw format which can be beneficial for its user to seek the opportunity and implement the strategy to reach their goals. Along with its trading and other data, Stock Exchanges has its own research wing to collect all economic data around the world.

STAKE HOLDERS OF STOCK EXCHANGES:

- Asset Managers
- Investment Banker
- Businessman
- Entrepreneur
- Mobile based services
- TREC Holders
- Web portal development/services
- Fintech Companies
- Academic/Research institution
- International Financial Institution
- Print media
- Electronic media
- Listed Companies
- Government
- Others

Stock Exchange is the main source of data for its stakeholder's utmost benefit and it has all the data that a stakeholder could ask for.

DHAKA STOCK EXCHANGE:

Dhaka Stock Exchange is the premier bourse in the Bangladesh and working in wide range of fields to form the long term capital for the betterment of economy, livelihood and betterment of the country since 1954.

Dhaka Stock Exchange has recognition around worldwide and affiliated with International Organizations like as World Federation of Exchanges (WFE).

Dhaka Stock Exchange (DSE) is a public limited company. It is formed and managed under Company Act 1994, Security and Exchange Commission Act 1993, Security and Exchange Commission Regulation 1994, and Security Exchange (Insider Trading) regulation 1994.

DHAKA STOCK EXCHANGE (DSE) DATA SERVICE:

For being the first of its kind in Bangladesh for capital raising, Dhaka Stock Exchange has a storage of valuable data from its birth to current time.

Dhaka Stock Exchange has responsibility to provide accurate and relevant information to its stakeholders to make wise decision in their daily life along with investment opportunities.

No institutions in Bangladesh can provide more relevant and accurate data except Dhaka Stock Exchange for its users.

WHAT DSE OFFERS?

Dhaka Stock Exchange is proud to introduce the Market Data System that provides high performance and real time market data services. The data is available through a number of separate services (Real Time, 10 seconds Delayed and End of day) tailored to meet individual and institutional needs.

- iMDS Data
- EOD Data
- Real Time Data

IMDS DATA:

iMDS stands for Internet based Market Data Service. Through this service DSE provides Public Market trade information to its clients. By subscribing in iMDS data service client will get live data feed after 10 seconds delayed DSE market data. Moreover, on the spot access to real-time prices or updates for shares traded on the Dhaka Stock Exchange from DSE Market Data Server.

FEATURES OF IMDS:

A. MARKET STATISTICS

Instruments Trading Code, Number and Group, Price (Open, High, Low, Close), Last Trade Price in Public and Spot market, Yesterday's Close Price, Total Number of Trades for the Instrument, Total Quantity traded for the Instrument, Total Traded Value for the Instrument (in millions), Total Number of Trades for the Instrument (in Public and Spot market), Total Quantity traded for the Instrument (in Public and Spot market), Total Traded Value for the Instrument (in millions) (in Public and Spot market), Last Modified Timestamp

B. NEWS/ANNOUNCEMENT

Timestamp of the market announcement, Instrument's trading code or a general message, The market announcement text, Expiry date of the market announcement

C. TRADE STATISTICS

Serial number, Total number of trades in the market, Total quantity traded in the market, Total traded value in the market (in millions), Last updated timestamp

D. INDEX

ID of the published index, Timestamp, Capital value of the index, Deviation or the index value with respect to the opening index, Deviation percentage of the index value with respect to the, opening index.

COLLECTION AND DISSEMINATION OF IMDS DATA SERVICE:

After signing agreement with the client, DSE will allow the real IP access to its Internet based Market Data Server. After successful connection establishment the client can fetch the relevant information by making some SQL query.

Technical support is proficiently provided to clients in need. The Service is kept under monitoring during the trade time and until the news session ends.

EOD DATA

EOD stands for End of Day Data, which contains market details of the day and is being available at the end of trade. EOD data actually Market Statistics that happened in the exchange in a trading day.

The daily end of day historical segment wise trading price and volume data is available since 1990.

FEATURES OF EOD DATA:

Total Issues Traded(Advanced/Declined/Unchanged), Prices in Public and Spot Transactions, Prices in Spot Transactions (Treasury-Bonds), Prices in Block Transactions, TOP 10 GAINERS and LOSERS (Based on Open Price and Last Trade Price), TOP 10 GAINERS and LOSERS (Based on YCP and Close Price)

COLLECTION AND DISSEMINATION OF EOD DATA SERVICE:

The raw data has been collected from trading system and disseminate in required format.

Through FTP (Client- Server) environment DSE data clients can collect DSE EOD file.

REAL-TIME DATA

Access fast and accurate Real Time Exchange Trading data for successful operation in today's capital market.

DSE Real Time Market Data provides Real-time data feed services on trading prices, indices, and news releases of listed securities of DSE. The direct dissemination of market data from the trading engine ensures the lowest latency possible to track market movements.

Level-Wise Data Access

Channel	Data Type	ITCH News	ITCH Index All	ITCH Basic	ITCH DSE Last Sale	BBO10
Real Time	Level-1	√	√	√	√	
	Level-2	√	√		√	√

FEE STRUCTURE (1/2)

Sl. No.	Category	Subscription Fee
1	EOD data (TREC and Non-TREC)	BDT 60,000/-Per Annum
2	TREC	BDT 1,20,000/- Per Annum
	Non-TREC	Initial Deposit BDT 50,000/- (Non-refundable) and Monthly fee BDT 20,000/-
	Web Portal (Local)	
	AMC (Local)	
	Print media	Initial Deposit BDT 50,000/- (Non-refundable) and Monthly fee BDT 10,000/-
	Mobile based services	Initial Deposit BDT 75,000/- (Three months security money in advance) and Monthly fee BDT 25,000/- or 30% (It may be more based on negotiation) on revenue earnings whichever is higher.
	Reseller	Initial Deposit BDT 50,000/- (Non-refundable) and Monthly fee BDT 25,000/- or 50% (It may be more based on negotiation) on revenue earnings whichever is higher.
	Academic/Research Institutions	Initial Deposit BDT 50,000/- (Non-refundable) and Minimum Fee BDT 10,000/- per month
	Listed Company	Initial Deposit BDT 50,000/- (Non-refundable) and Monthly fee BDT 20,000/-
	Electronic Media	BDT 5,00,000/- Per Annum
International Institution	Different fee, which depends on contract/agreement.	

FEE STRUCTURE (2/2)

Fee for Group:

(In BDT)

Category	Option	Initial Deposit	Monthly Fee	Monthly Fee for Each Sister Concern / Websites
iMDS	1	50,000/-	32,799/-	50% Fee of Sister Concern type (Matching with DSE iMDS client category)
	Particulars of Option 1 (iMDS)	Sister Concern Category	Existing Monthly Fee	Discounted Monthly Fee (50% of Existing Fee)
		Non-TREC/Web portal/AMC	20000	10000
		Print Media	10000	5000
		Listed Companies	20000	10000
		Academic/ Research Institutions	10000	5000
		Others	Based on Negotiation	

Category	Option	Initial Deposit	Monthly Fee	Monthly Fee for Each Sister Concern / Websites
EOD	1	50,000/-	32,799/-	1,299/-

Note: Electronic Media is excluded from the options but they can share the data with other sister concern (except Electronic Media) of it as per discounted fee structure.

REAL TIME DATA FEE (LOCAL):

Channel	Data Type	Initial Deposit	Monthly Price	ITCH News	ITCH Index All	ITCH Basic	ITCH DSE Last Sale	BBO10
Real Time	Level-1	50000	32799	√	√	√	√	
	Level-2	50000	32799	√	√		√	√

**** The monthly fee of 1299.00 will be applicable for per subscriber (individual) interactive access/ individual end user.

REAL TIME DATA FEE (INTERNATIONAL INSTITUTION):

International Institution	Different fee, which depends on contract/agreement.
---------------------------	---

**** The monthly fee will be applicable for per subscriber (individual) interactive access/ individual end user.

DSE- DIGITAL TRADING SOLUTIONS: (DSE MOBILE APP)

Dhaka Stock Exchange (DSE) implemented Centralized Order Management System 'DSE-FlexTP' for the TREC holders of the Exchange to manage their orders. It helps the Exchange to go Digital. The Digital Platform is here to leverage the DSE-FlexTP architecture to make trading available to investors from mobile and desktop devices. This will connect investors to the state-of-the-art technology of trading. DSE-Mobile and desktop will be facilitating to bring new dimension of business opportunities in the capital market.

Platform	Version
DSE Mobile Trader	Trading Version
DSE Mobile VIP	Non-Trading Version (for View Only)
DSE Investor for Desktop	Trading Version

HOW TO SUBSCRIBE FOR DSE DATA SERVICE?

It is simple; just send us an email at pmdd@dse.com.bd , We will contact with you in a moment.

DISCLAIMER:

Except as is otherwise indicated, the Exchange is the owner of the copyright in all the Information featured on the Website and of all related intellectual property rights, including but not limited to all database rights, trademarks, registered trademarks, service marks, logos, tickers and all other software programs.

You are not permitted to use DSE trade data i.e. REAL-TIME, EOD & iMDS and any information of DSE's website (**including copying the source code or any other material and telecasting/broadcasting them without prior written permission**) and also you are not permitted to adapt or modify the Information on this Website or any part of it and the Information or any part of it may not be copied, reproduced, republished, downloaded, posted, telecast/broadcast or transmitted in any other way to any third parties for commercial gain and if its happens its consequences may give rise to a claim for damages and/or be a criminal offence.

DATA STRUCTURE:**IMDS DATA:**

Market Data Server (MDS) Table Details (Through Real IP)			
Table	Fields	Description	Remarks
MKISTAT	MKISTAT_INSTRUMENT_CODE	Market instrument's Trading Code	
	MKISTAT_INSTRUMENT_NUMBER	Market Instrument's Number	
	MKISTAT_QUOTE_BASES	Market Instrument's group	
	MKISTAT_OPEN_PRICE	Opening Price for the instrument for the day	
	MKISTAT_PUB_LAST_TRADED_PRICE	Last Traded Price for the Instrument for the day in public market	
	MKISTAT_SPOT_LAST_TRADED_PRICE	Last Traded Price for the Instrument for the day in spot market	
	MKISTAT_HIGH_PRICE	High Price for the Instrument for the day	
	MKISTAT_LOW_PRICE	Low Price for the instrument for the day	
	MKISTAT_CLOSE_PRICE	Closing Price for the Instrument for the day	
	MKISTAT_YDAY_CLOSE_PRICE	Yesterday's Closing Price for the Instrument	
	MKISTAT_TOTAL_TRADES	Total Number of Trades for the Instrument	
	MKISTAT_TOTAL_VOLUME	Total Quantity traded for the Instrument	
	MKISTAT_TOTAL_VALUE	Total Traded Value for the Instrument (in millions)	
	MKISTAT_PUBLIC_TOTAL_TRADES	Total Number of Trades for the Instrument in public market	
	MKISTAT_PUBLIC_TOTAL_VOLUME	Total Quantity traded for the Instrument in public market	
	MKISTAT_PUBLIC_TOTAL_VALUE	Total Traded Value for the Instrument in public market (in millions)	
	MKISTAT_SPOT_TOTAL_TRADES	Total Number of Trades for the Instrument in spot market	
	MKISTAT_SPOT_TOTAL_VOLUME	Total Quantity traded for the Instrument in spot market	
	MKISTAT_SPOT_TOTAL_VALUE	Total Traded Value for the Instrument in spot market (in millions)	
MKISTAT_LM_DATE_TIME	Last Modified Timestamp		
IDX	IDX_INDEX_ID	ID of the published index	
	IDX_DATE_TIME	Timestamp	
	IDX_CAPITAL_VALUE	Capital value of the index	
	IDX_DEVIATION	Deviation or the index value with respect to the opening index	
	IDX_PERCENTAGE_DEVIATION	Deviation percentage of the index value with respect to the opening index	
MAN	MAN_ANNOUNCEMENT_DATE_TIME	Timestamp of the market announcement	
	MAN_ANNOUNCEMENT_PREFIX	Instrument's trading code or a general message	
	MAN_ANNOUNCEMENT	The market announcement text	
	MAN_EXPIRY_DATE	Expiry date of the market announcement	
TRD	TRD_SNO	Serial number	
	TRD_TOTAL_TRADES	Total number of trades in the market	
	TRD_TOTAL_VOLUME	Total quantity traded in the market	
	TRD_TOTAL_VALUE	Total traded value in the market (in millions)	
	TRD_LM_DATE_TIME	Last updated timestamp	

EOD DATA:

DHAKA STOCK EXCHANGE LTD.

TODAY'S SHARE MARKET : 2020-07-09

All Category

ISSUES ADVANCED	:	103
ISSUES DECLINED	:	45
ISSUES UNCHANGED	:	201
TOTAL ISSUES TRADED	:	349

A Category (Equity)

ISSUES ADVANCED	:	80
ISSUES DECLINED	:	35
ISSUES UNCHANGED	:	142
TOTAL ISSUES TRADED	:	257

B Category (Equity)

ISSUES ADVANCED	:	12
ISSUES DECLINED	:	4
ISSUES UNCHANGED	:	32
TOTAL ISSUES TRADED	:	48

N Category (Equity)

ISSUES ADVANCED	:	0
ISSUES DECLINED	:	0
ISSUES UNCHANGED	:	1
TOTAL ISSUES TRADED	:	1

Z Category (Equity)

ISSUES ADVANCED	:	11
ISSUES DECLINED	:	6
ISSUES UNCHANGED	:	26
TOTAL ISSUES TRADED	:	43

MUTUAL FUND (MF)

ISSUES ADVANCED	:	14
ISSUES DECLINED	:	0
ISSUES UNCHANGED	:	23
TOTAL ISSUES TRADED	:	37

CORPORATE BOND (CB)

ISSUES ADVANCED	:	2
ISSUES DECLINED	:	0
ISSUES UNCHANGED	:	0
TOTAL ISSUES TRADED	:	2

TREASURY BOND (TB)

ISSUES ADVANCED	:	0
ISSUES DECLINED	:	0
ISSUES UNCHANGED	:	0
TOTAL ISSUES TRADED	:	0

TOTAL TRANSACTIONS

A. NO. OF TRADES	:	66988
B. VOLUME(Nos.)	:	100496223
C. VALUE(TK)	:	3474707802.20

MARKET CAPITALISATION

1. EQUITY	:	2567041466390.92
2. MUTUAL FUND	:	29904347815.05
3. DEBT SECURITIES	:	553060653500.00
TOTAL	:	3150006467705.97

PRICES IN PUBLIC TRANSACTIONS : 2020-07-09

A Category (Equity)

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
AAMRANET	33.50	35.30	33.50	35.00	5.11	147	79126	2.739
AAMRATECH	23.00	23.80	23.00	23.10	0.43	76	44283	1.021
ACFL	18.60	19.40	18.60	18.60	0.00	102	201275	3.745
ACI	200.10	210.50	199.60	208.00	3.64	1160	167651	34.657

PRICES IN PUBLIC TRANSACTIONS: YYYY/MM/DD

=====

A Category (Equity)

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
------------	------	------	-----	-------	------	-------	--------	-----------

B Category (Equity)

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
------------	------	------	-----	-------	------	-------	--------	-----------

N Category (Equity)

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
------------	------	------	-----	-------	------	-------	--------	-----------

Z Category (Equity)

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
------------	------	------	-----	-------	------	-------	--------	-----------

MUTUAL FUNDS

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
------------	------	------	-----	-------	------	-------	--------	-----------

CORPORATE BONDS

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
------------	------	------	-----	-------	------	-------	--------	-----------

PRICES IN SPOT TRANSACTIONS: 2020-07-09

=====

Instr Code	Open	High	Low	Close	%Chg	Trade	Volume	Value(Mn)
------------	------	------	-----	-------	------	-------	--------	-----------

PRICES IN SPOT TRANSACTIONS (Treasury BONDS) : 2020-07-09

=====

PRICES IN BLOCK TRANSACTIONS: 2020-07-09

=====

Instr Code	Max Price	Min Price	Trades	Quantity	Value (In Mn)
------------	-----------	-----------	--------	----------	---------------

TOP 10 GAINERS (Based on Open Price and Last Trade Price)

Instr Code	Open	High	Low	Last	Deviation
------------	------	------	-----	------	-----------

TOP 10 GAINERS (Based on YCP and Close Price)

Instr Code	YCP	High	Low	CLOSE	%CHG
------------	-----	------	-----	-------	------

TOP 10 LOSERS (Based on Open Price and Last Trade Price)

Instr Code	Open	High	Low	Last	Deviation
------------	------	------	-----	------	-----------

TOP 10 LOSERS (Based on YCP and Close Price)

Instr Code	YCP	High	Low	CLOSE	%CHG
------------	-----	------	-----	-------	------

Contact:

Index Management, Data Services and Publication

PABX: +88-02-41040189-200, Ext.-1547, 1541

Email: imdsp@dse.com.bd



Dhaka Stock Exchange Limited

DSE Tower, House No.46, Road No. 21, Nikunja-2, Dhaka-1229, Bangladesh

☎: 02 41040189-200, 📠: 02 41040096, 41040097

✉: info@dse.com.bd, 🌐: www.dse.com.bd