Doing data differently

V. 2.3.

Helping the global financial community make informed decisions through the provision of fast, accurate, timely and affordable reference data services

With more than 20 years of experience, we offer comprehensive and complete securities reference data for equities and fixed income instruments around the globe.

Our customers can rely on our successful track record to efficiently deliver high quality data sets including:

- Worldwide Corporate Actions
- Worldwide Fixed Income
- Security Reference File
- Worldwide End-of-Day Prices

Exchange Data International has recently expanded its data coverage to include economic data. Currently it has three products:

- African Economic Data www.africadata.com
- Economic Indicator Service (EIS)
- Global Economic Data

Our professional sales, support and data/research teams deliver the lowest cost of ownership whilst at the same time being the most responsive to client requests.

As a result of our on-going commitment to providing cost effective and innovative data solutions, whilst at the same time ensuring the highest standards, we have been awarded the internationally recognized symbol of quality ISO 9001.

Headquartered in United Kingdom, we have staff in Australia, Canada, China, India, Malaysia Morocco, South Africa and United States.

Contents

Introduction

Exchange Traded Derivative (ETD) data is focused on exchange traded futures and options. Reference data, end of day pricing data and DerivActions are also available.

For equity options and single stock futures, EDI provides a corporate action feed linking the corporate action on the underlying security to the contract and series. DerivActions is a feed which intelligently provides subscribers with standard Exchange Corporate Actions announcements as well as Derivative Exchange Contract Adjustment notices. EDI has mapped and collated more than 7,000 underlying instruments for Exchange Traded Derivatives (ETD) to provide the backbone for this service.

In addition to the details of contract adjustments resulting from corporate actions events, subscribers are provided with a daily list of any derivatives affected by underlying events. This feed can be customised according to assets, securities or exchanges of interest. Feeds are available via FTP in XML, CSV and TXT formats and an online API is in development. Sample data is available on request.

Reference Data

Undertake quick and accurate reference checks

Get up- to-date information on exchange traded futures and options where the underlying asset is either an equity or index.

Use the derivative reference data file to efficiently identify any specific derivative contract in our extensive database. The file currently covers more than 30 fields including:

- Root Code
- Ticker
- ISIN
- Sedol
- FIGI/BBGID
- US Local Code
- Aii
- CFI
- CIC
- Security Description
- Underlying Instrument Details
- MIC Code
- Contract Size
- Exercise Style (American or European)
- OSI Symbol
- Expiry Date
- Strike Price
- Exercise Price

Easily determine the underlying asset on which the derivative's price is based

The Derivative Reference Data clearly indicates the underlying security attached to the contract.

- Security Description
- ISIN /SEDOL™/Ticker
- Primary Exchange

End-of-Day Pricing

Obtain fast access to accurate closing pricing data

Data elements include:

- High
- Low
- Open
- Close
- Bid
- Ask
- Open Interest
- Number of Trades
- Volume Traded

Choose to receive derivative end-of-day pricing data by exchange, portfolio or on a global basis.

With the **Option Delta feed**, you can easily keep track of a change in price of a stock option relative to the change in the price of the underlying stock.

Corporate Actions

Efficiently keep track of corporate actions affecting future and option contracts

DerivActions provides detailed Exchange Adjustment Notices information in a standardised, machine readable format with a link to the original Exchange Notice, where provided.

In addition, DerivActions generates 2 feeds that may be used as an alert service, triggered by corporate actions on the underlying security:

- Corporate Action Alert Feed – List of all issuers with instruments linked to the affected underlying
- Derivative Series & Trading Lines – List of all the derivatives instruments linked to impacted equity

DerivActions is directly linked to our Worldwide Corporate Actions service and therefore covers all corporate action event types.

Clients can subscribe to the full universe or customise the feed at an exchange level, root codes or specific underlying trading lines. For example, clients can choose to receive details for OPRA on the following event types only:

- Subdivision
- Consolidation
- Dividend
- Rights
- Merger
- Take Over
- Tender Offer
- Spin Off/Demerger
- Delisting
- Bonus
- Buy Back
- Name Change

Exchange Coverage

EDI has identified the following exchanges that offer options and/or futures derivatives.
EDI is able to provide a bespoke service to meet your data requirements. Please contact us if you would like a particular exchange that is not currently covered on the list below.

Note: This list is constantly being updated, please check version number.

Country	MIC Code	Exchange	Prices	Corporate Actions	Corporate Action Trigger	Estimated ETA (GMT)
Argentina	XMTB	Mercado A Termino De Buenos Aires S.A.	X	n/a	n/a	21:00:00
Argentina	ROFX	Rosario Future Exchange	X	n/a	n/a	23:00:00
Australia	XASX	ASX - All Markets	X	X	X	15:30:00
Belgium	XBRU	Euronext	X	X	X	23:00:00
Brazil	BVMF	B3	X	TBD	X	04:00:00
Canada	XMOD	The Montreal Exchange / Bourse De Montreal	X	X	X	04:30:00
Canada	IFCA	ICE Futures Canada	X	n/a	n/a	00:00:00
China	XDCE	Dalian Commodity Exchange	X	n/a	n/a	15:00:00
China	XSGE	Shanghai Futures Exchange	X	n/a	n/a	17:00:00
Denmark	XCSE	Nasdaq Nordic Market	X	X	X	22:00:00
Finland	XHEL	Nasdaq Nordic Market	X	X	X	22:00:00
France	XPAR	Euronext	X	X	X	22:00:00
Germany	XEUR	Eurex	X	X	X	22:00:00
Germany	XEEE	European Energy Exchange	X	n/a	n/a	23:00:00
Greece	XADE	Athens Exchange S.A. Derivatives Market	X	X	X	21:00:00
Hong Kong	XHKF	Hong Kong Futures Exchange Ltd.	X	X	X	TBP
Hungary	XBUD	Budapest Stock Exchange	X	X	X	22:00:00
Iceland	XICE	NASDAQ Nordic Markets	X	X	X	23:00:00
India	XBOM	BSE Ltd	X	X	X	17:30:00
India	NMCE	National Multi-Commodity Exchange of India	X	n/a	n/a	TBP
India	XNSE	National Stock Exchange of India	X	X	X	18:30:00
India	MCXX	Metropolitan Exchange of India (MCX Stock Exchange)	X	X	X	21:00:00
Iran	XTEH	Tehran Stock Exchange	X	n/a	n/a	17:30:00
Iran	IMEX	Iran Mercantile Exchange	X	n/a	n/a	11:30:00
Israel	XTAE	Tel Aviv Stock Exchange	X	TBD	X	15:00:00
Italy	XDMI	Italian Derivatives Market	X	X	X	22:00:00
Japan	XTFF	Tokyo Financial Exchange	X	n/a	n/a	12:00:00
Japan	XJPX	Japan Exchange Group	X	X	X	TBP
Korea	XKFE	Korea Exchange (Futures Market)	X	n/a	n/a	15:00:00
Korea	XKRX	Korea Exchange (Stock Market)	X	X	X	16:00:00
Malaysia	XKLS	Bursa Malaysia	X	X	X	16:30:00
Mexico	XEMD	Mexican Derivatives Exchange (MexDer)	X	X	X	22:30:00
Netherlands	XAMS	Euronext	X	X	X	23:00:00
Netherlands	NDEX	ICE Endex Futures	X	n/a	n/a	23:00:00

Country	MIC Code	Exchange	Prices	Corporate Actions	Corporate Action Trigger	Estimated ETA (GMT)
New Zealand*	NZFX	New Zealand Futures & Options	X	n/a	n/a	06:00:00
New Zealand	XNZE	New Zealand Exchange Ltd.	X	X	X	TBP
Norway	XOSL	Oslo Bors ASA	X	X	X	22:00:00
Pakistan	NCEL	Pakistan Mercantile Exchange	X	n/a	n/a	TBP
Pakistan	XKAR	The Pakistan Stock Exchange	X	TBD	X	16:30:00
Poland	XWAR	Warsaw Stock Exchange	X	TBD	X	22:00:00
Portugal	XLIS	Euronext	X	X	X	23:00:00
Russia	RTSX	Moscow Exchange – Derivatives and Classica Market	X	n/a	n/a	21:00:00
Singapore	IFSG	ICE Futures Singapore	X	n/a	n/a	16:00:00
Singapore	XSES	Singapore Exchange	X	X	X	15:00:00
South Africa*	XJSE	JSE Derivatives Exchange	X	X	X	18:00:00
Spain	XMRV	MEFF Financial Derivatives	X	TBD	X	22:00:00
Sweden	XSTO	Nasdaq Nordic Markets	X	X	X	22:00:00
Taiwan	XTAF	Taiwan Futures Exchange	X	X	X	10:30:00
Thailand	TFEX	Thailand Futures Exchange	X	X	X	10:00:00
Turkey	XIST	TURKDEX - Turkish Derivatives Exchange	X	X	X	21:00:00
Ukraine	UKEX	Ukrainian Exchange	X	n/a	n/a	15:00:00
United Arab Emirates	DIFX	NASDAQ Dubai	X	X	X	15:30:00
United Arab Emirates	DGCX	Dubai Gold & Commodities Exchange DMCC	X	X	X	20:30:00
United Arab Emirates	DUMX	Dubai Mercantile Exchange	X	n/a	n/a	05:30:00
United Kingdom	XLDN	Euronext	X	X	X	00:00:00
United States	BATO	BZX Options Market (CBOE BZX Options Exchange)	X	X	X	20:30:00
United States	XBOX	Boston Options Exchange (TMX Group) (BOX Options Exchange)	X	X	X	04:30:00
United States	C2OX	C2 Options Exchange Inc. (CBOE)	X	X	X	05:30:00
United States	XCBO	CBOE - Chicago Board Options Exchange (CBOE Global Markets Inc.)	X	X	X	04:00:00
United States*	XCBF	CBOE Futures Exchange	X	X	X	07:00:00
United States	XCME	Chicago Mercantile Exchange (CME)	X	n/a	n/a	05:30:00
United States	EDGA	EDGA Exchange (CBOE EDGA U.S. Equities Exchange)	X	X	X	05:00:00
United States	EDGX	EDGX Exchange (CBOE EDGX U.S. Equities Exchange)	X	X	X	05:00:00
United States	IFUS	ICE Futures U.S.	X	n/a	n/a	05:00:00
United States	GMNI	Nasdaq GMX (ISE Gemini Exchange)	X	X	X	05:00:00
United States	MCRY	Nasdaq MRX (ISE Mercury, LLC)	X	X	X	05:00:00
United States	XISE	Nasdaq ISE (International Securities Exchange, LLC – Equities)	X	X	X	05:00:00
United States	XMIO	Miami International Securities Exchange	X	X	X	05:00:00
United States	MPRL	Miax Pearl, LLC	X	X	X	05:00:00
United States	MIHI	Miax Emerald, LLC	X	X	X	05:00:00
United States	XMGE	Minneapolis Grain Exchange	X	n/a	n/a	12:30:00
United States	XNDQ	Nasdaq Options Market	X	X	X	05:00:00
United States	XPHL	NASDAQ PHL	X	X	X	04:30:00
United States	AMXO	NYSE Amex Options	X	X	X	05:00:00
United States	ARCX	NYSE ARCA Options	X	X	X	05:00:00

Country	MIC Code	Exchange	Prices	Corporate Actions	Corporate Action Trigger	Estimated ETA (GMT)
United States	XOCH	Onechicago, LLC	X	X	X	23:00:00
United States	OPRA	Options Price Reporting Authority	X	X	X	00:00:00
United States	XBXO	NASDAQ OMX BX Options	X	n/a	n/a	00:00:00
United States	XCEC	Commodities Exchange Centre	X	n/a	n/a	00:00:00
United States	XNAS	NASDAQ – All Markets	X	n/a	n/a	00:00:00
United States	XNYM	New York Mercantile Exchange	X	n/a	n/a	00:00:00
United States	XNYS	New York Stock Exchange, Inc.	X	n/a	n/a	00:00:00
United States	XCBT	Chicago Board of Trade	X	n/a	n/a	00:00:00
Vietnam	XHNF	Hanoi Stock Exchange	X	n/a	n/a	TBP

EDI also covers Corporate Actions for First North market which is a market segment of Nasdaq, as well as the London Stock Exchange Derivatives exchange.

* Redistribution license required

*[1] - Kansas City Board exchange is currently closed and the instruments on this market have been rolled into the Chicago Board of Trade.

TBD – To be determined

TBP – To be programmed

Forthcoming Derivative Exchanges (Currently Researching)

Country	MIC Code	Exchange
China	CCFX	China Financial Futures Exchange
China	XZCE	Zhengzhou Commodity Exchange
Colombia	XBOG	Borsa de Valores de Colombia
India	IINX	India International Exchange
India	XNCD	National Commodity & Derivatives Exchange Ltd
Indonesia	XBBJ	Jakarta Futures Exchange (Bursa Berjangka Jakarta)
Indonesia	ICDX	Indonesia Commodity and Derivatives Exchange
Japan	XTKS	Tokyo Stock Exchange
Japan	XKAC	Osaka Dojima Commodities Exchange*
Japan	XTKT	Tokyo Commodity Exchange
United Kingdom	XLME	London Metal Exchange

Specifications

ETD Closing Prices

Element Name	Data Type	Format	Max Width	Lookup TypeGroup	Field Description
Operating MIC	char	string	4		Operating MIC
MIC	char	string	4		MIC (Market segment)
Root ID	Integer	Big Integer	20		EDI internal root code for the Product
Root Exchange Code	char	Alphanumeric	20		Exchange root code for the Product
Contract Type	char	string	1	F or O	Indicator showing if the contract is a Future (F) or an option (O)
Contract Subtype	char	string	1	P or C	Indicator showing if the contract sub type is a Put(P) or Call (C)
Contract ID	Integer	BigInteger	20		EDI internal ID for Contract
Contract AII	char	Alphanumeric	50		EDI AII for Contract based on standard methodology
Contract Exchange Code	char	charstring	30		Exchange symbol or ticker for the Contract
High	decimal	decimal (12,5)	17		The contract high price for the day.
Low	decimal	decimal(12,5)	17		The contract low price for the day.
Open	decimal	decimal(12,5)	17		The contract open price.
Close	decimal	decimal(12,5)	17		The contract close price.
Last	decimal	decimal(12,5)	17		The contract close price.
Ask	decimal	decimal(12,5)	17		The last bid of the day.
Bid	decimal	decimal(12,5)	17		The last open of the day.
Bid Size	Numeric	decimal(12,5)	20		The last bid size of the day.
Ask Size	Numeric	decimal(12,5)	20		The last ask size of the day.
Traded Volume	int	integer	10		The total number of contracts transacted in the day or session.
Traded Value	decimal	Decimal (20,5)	25		The total value of contracts traded during the day.
Total Trades	int	integer	20		The total number of trades in this security (contract).
Margin Price	decimal	Decimal (20,5)	25		The exchange published price for margin calculations.
Open Interest	int	integer	10		The total number of derivative contracts that have not been settled.
Close Date	date	YYYY-MM-DD	10		Date of Close (File)
Close Time	time	HH:MM:SS	10		Time of Close (File)

Option Delta Feed

Field Name	Data Type	Sample	Description
Market Close Date	Character [12]	22/11/2016	Market Close Date (MM/DD/YYYY)
Contract Name	Varchar [32]	AMZN161125C00667500	OCC Options Contract Symbol
Contract Code	Varchar [32]	AMZN6KPC667500	Internal Contract Symbol
Root Symbol	Varchar [16]	AAPL7	Options Root Symbol
Ticker Symbol	Varchar [16]	AAPL	Underlying Ticker Symbol
Issuer Name	Varchar [256]	Apple Inc.	Underlying Issuer Name
Underlying ISIN	Character [12]	US0231351067	ISIN of underlying security
Security Type	Varchar [32]	Equity	Underlying Security Type (e.g. Equity, Index, ETF, Futures)
Currency	Character [3]	USD	Currency
Country	Character [2]	US	Country of Registration
Exchange Name	Varchar [64]	Chicago Board Option Exchange (OPRA)	Name of the Exchange where options trade
Put Call Indicator	Binary [1]	P	"C" for call and "P" for put
Exercise Style	Binary [1]	A	"A" for American and "E" for European
Expiration Date	Character [12]	25/11/2016	Options Expiration Date (MM/DD/YYYY)
Contract Size	Integer	100	Contract size
Days to Expiration	Integer	60	Number of days from market close date to option expiration
Strike	Float	785	Options Strike Price
Underlying Price	Float	785.33	Underlying Price
Option Premium	Float	52.325	EOD Options Price as of market close date
Delta	Double Precision	-0.455375	Options Delta

ETD Reference Data

Element Name	Data Type	Format	Max Width	Lookup TypeGroup	Field Description
Operating MIC	char	charstring	4		Operating MIC
MIC	char	charstring	4		MIC (Market segment)
Root ID	Integer	BigInteger	20		EDI internal root code for the Product
Root Exchange Code	char	Alphanumeric	20		Exchange root code for the Product.
Contract Type	char	string	1	F or O	Indicator showing if the contract is a Future (F) or an Option(O)
Contract Subtype	char	string	1	P or C	Indicator showing if the contract sub type is a Put(P) or Call (C). If Future stays F.
Short Description	varchar	string	255		Short description of the contract.
Contract ID	Integer	BigInteger	20		EDI internal ID for Contract
Contract AII	char	Alphanumeric	50		EDI AII for Contract based on standard methodology
Contract Exchange Code	char	charstring	30		Exchange symbol or ticker for the Contract
Contract ISIN	char	charstring	12		ISIN for the Contract (not always available)
Contract Sedol	char	charstring	7		Sedol for the Contract
Contract FIGI	char	charstring	12		BBGID for the Contract
Contract CFI Code	char	string	6		CFI code for determining what the contract is.
Contract OSI Code	char	Alphanumeric	50		OSI code for the Contract
Contract Currency	char	string	3		ISO currency code for the contract.
Contract Description	varchar	string	255		English description of the Contract.
Contract Size	decimal	decimal(12,5)	17		The number of units for the contract expressed in the unit of measure.
Measure Type	char	char	1		The underlying unit of measurement for the contract.
Expiry Date	date	YYYY-MM-DD	10		Contract expiry date
Strike Price	decimal	decimal(10,0)	10		Exercise price for option. Zero filled if not needed
Exercise Style	char	char	1	A or E or X	Exercise type for options A=American or E=European or X=Not applicable.
Delivery Type	char	char	1		Settlement type
Underlying Sec Description	char	char	255		Description of the underlying security.
Underlying ISIN	char	char	12		Underlying security ISIN for the contract.
Underlying Exchange Code	char	char	12		Exchange product code/symbol of the security underlying contract.
Sec ID	Integer	BigInteger	10		EDI Internal id for Underlying security
Underlying CFI	char	char	6		FK to details of the security type underlying the contract.
Close Date	date	YYYY-MM-DD	10		Date of the End of Day pricing delivery

ETD Corporates Actions

ETD Corporate Actions ALERT FILE

Key fields to link other tables

Field Name	Data Type	Format	Description
Edi Event Code	VarChar	Char String	Event type code
Edi Event ID	Integer	32 bit	Unique global Event Identifier combined with Event type code
Sec ID	Integer	32 bit	Unique global level Security ID (can be used to link all multiple listings together
Underlying ISIN			
Issuer Name	VarChar	String	Name of Issuer
Exchange Code	Char	String	EDI maintained Exchange code. Equivalent to the MIC code but necessary as MIC might not be available in a timely fashion.
Local Code	VarChar	String	Local code unique at Market level - a ticker or number
Ex- Date	Date	YYYY/MM/DD	Date from which the security is traded without benefit (ex)
Record Date	Date	YYYY/MM/DD	Record Date
Pay Date	Date	YYYY/MM/DD	Date on which the benefit will be paid to the shareholders
Pay Date 2	Date	YYYY/MM/DD	If Stock Paydate different from Cash on a Cash and Stock Div
Announced Date	Date	YYYY/MM/DD	Date when event was announced
FYE Date	Date	YYYY/MM/DD	Financial Year End date
Old Par Value	Decimal	14.5	Par Value may change in Consolidation. Both are provided for reference.
New Par Value	Decimal	14.5	Par Value may change in Consolidation. Both are provided for reference.
Ratio Old	Decimal	15.7	Number of old shares
Ratio New	Decimal	15.7	Number of new shares
Start Subscription	Date	YYYY/MM/DD	Subscription period within which the shareholders wishing to subscribe to the benefit must do so.
End Subscription	Date	YYYY/MM/DD	Subscription period within which the shareholders wishing to subscribe to the benefit must do so.
Start Trade	Date	YYYY/MM/DD	Starting date for trading in tradeable rights i.e. shareholders wishing to renounce their rights by selling them in market.
End Trade	Date	YYYY/MM/DD	Last date for trading in tradeable rights i.e. shareholders wishing to renounce their rights by selling them in market.
Offered Security Code	Char	Char String	Offered Security Type
Merger Status	Char	Char String	Progress of the Merger
Effective Date	Date	YYYY/MM/DD	Effective Date
Min Price	Decimal	14.5	Price range within which the event would take place.
Max Price	Decimal	14.5	Price range within which the event would take place.
Min Qualified Quantity	Integer	64 bit	If the quantity held by shareholder is within this range then he qualifies for taking part in the event.
Max Qualified Quantity	Integer	64 bit	If the quantity held by shareholder is within this range then he qualifies for taking part in the event.

ETD Corporate Actions NOTICE FEED

Key fields to link other tables

Field Name	Data Type	Format	Description
ENTRY_ID	Integer	Numeric	Serial number given to each entry
EXCHANGE_NAME	Char	String	Name of the Clearing House
EDI_EVENT_ID	Integer	Numeric	Unique global Event Identifier combined with Event type code
EDI_EVENT_CODE	Char	String	Event type code see EVENT feed
ISSUER_NAME	Char	String	Name of the Issuer
SECURITY_DESCRIPTION	Varchar	String	Description of the futures contract
PRIMARY_EXCHANGE_CODE	Char	String	It is the code of the main stock exchange where a publicly traded company's stock is bought and sold
MIC	Varchar	String	Market identifier code for industry segments
LOCAL_CODE	Varchar	String	Local code unique at the market level - a ticker or number
EVENT_DATE	Date	YYYY-MM-DD	It is the date when the Event is updated
UNDERLYING_ISIN	Varchar	String	Underlying security ISIN of the contract
DOC_ID	Varchar	Numeric	Exchange issued unique reference number for the document
SUBJECT	Varchar	String	Title Description of the document
FUTURE_EFFECTIVE_DATE	Varchar	YYYY-MM-DD	The date when the event became effective.
FUTURE_PURCHASER	Char	String	Name of the Future Issuer
SECURITY_TO_BE_PURCHASED	Varchar	String	Security To be purchased by the purchaser
QUANTITY	Varchar	String	Quantity of the new security to be purchased by the purchaser
UNDERLYING_SECURITY_PRICE	Varchar	Numeric	The price at which the underlying asset is purchased or sold as per the corporate action event (only the cash part is considered)
FUTURE_EXPIRATION	Varchar	YYYY-MM-DD	Expiry date and time of the contract
FUTURE_DEPOSITARY	Varchar	String	If a corporate action like merger or tender offer occurs, depositary handles the transfer of cash and stock to the appropriate investment bank or broker/dealer, which then passes it on to their investors
FUTURE_GUARANTY_PERIOD	Varchar	String	The period when valid delivery is subsequently made within the specified "guaranty period"
OPTION_DELIVERABLE_PER_CONTRACT	Varchar	String	Deliverable quantity of commodities or financial instruments underlying futures and option contracts that are traded on an exchange
OPTION_EFFECTIVE_DATE	Varchar	YYYY-MM-DD	The date when the event became effective.
OPTION_SYMBOL	Varchar	String	Previous Option Symbol
OPTION_NUMBER_OF_CONTRACT	Varchar	Numeric	Number Of Contracts Outstanding
OPTION_US_CODE/CUSIP	Varchar	String	CUSIP/USCODE of the underlying equity or index

Field Name	Data Type	Format	Description
OPTION_STRIKE_PRICE	Varchar	Numeric	The strike price (or exercise price) of an option is the fixed price at which the owner of the option can buy (in the case of a call), or sell (in the case of a put), the underlying stock used interchangeably with exercise price
OPTION_MULTIPLIER	Varchar	String	The multiplier/factor needed to calculate the minimum tick for premium/strike price
OPTION_SETTLEMENT	Varchar	String	It tells whether the settlement will be in cash or kind along with the terms of settlement
OPTION_PRICING	Varchar	String	Price of the option contract
OPTION_ACCELERATION_ OF_EXPIRATIONS	Varchar	String	In the event of a corporate action like merger where the corporation is not the surviving entity, the sale of substantially all of the assets of the corporation or an exchange or purchase from shareholders of their stock of the corporation, that requires the vote or consent of shareholders, then the expiration date of these options shall accelerate to be the date of such a corporate action
OPTION_CONTRACT_MULT IPLIER	Varchar	String	The multiplier/factor needed to calculate the minimum tick for premium/strike price
OPTION_STRIKE_DIVISOR	Varchar	String	This factor is used to calculate new Strike Price after a corporate action has taken place.
OPTION_NEW_MULTIPLIER	Varchar	String	The changed multiplier after contract adjustment is effected
FUTURE_SYMBOL	Varchar	String	Previous Future Symbol
FUTURE_NEW_SYMBOL	Varchar	String	Future adjusted symbol
FUTURE_STRIKE_DIVISOR	Varchar	String	This factor is used to calculate new Strike Price after a corporate action has taken place.
FUTURE_CONTRACT_ MULTIPLIER	Varchar	String	The multiplier/factor needed to calculate the minimum tick for premium/strike price
FUTURE_NEW_ MULTIPLIER	Varchar	String	The changed multiplier after contract adjustment
FUTURE_DELIVERABLE_ PER_CONTRACT	Varchar	String	Deliverable quantity of commodities or financial instruments underlying futures and option contracts that are traded on an exchange
FUTURE_PRICING	Varchar	String	Price of the future contract
FUTURE_US_CODE/CUSIP	Varchar	String	CUSIP/USCODE of the underlying equity or index
FUTURE_DELAYED_ SETTLEMENT	Varchar	String	Information about delayed delivery of the securities with respect to the settlement date
OPTION_ADJUSTED_ STRIKE_PRICE	Varchar	String	New strike price of a contract
FUTURE_ADJUSTED_ STRIKE_PRICE	Varchar	String	New strike price of a contract
OPTION_PURCHASER	Varchar	String	Purchaser of the security in case of purchase offer
OPTION_OFFER_TERMS	Varchar	String	The new security that is being offered for Corporate Actions like Exchange Offer, Purchase Offer etc.
OPTION_EXPIRATION	Varchar	String	Expiry date and time of the contract
OPTION_DEPOSITARY	Varchar	String	If a corporate action like merger or tender offer occurs, depositary handles the transfer of cash and stock to the appropriate investment bank or broker/dealer, which then passes it on to their investors

Field Name	Data Type	Format	Description
OPTION_GUARANTY_PERIOD	Varchar	String	The period when valid delivery is subsequently made within the specified "guaranty period"
FUTURE_OFFER_TERMS	Varchar	String	The new security that is being offered for Corporate Actions like Exchange Offer, Purchase Offer etc.
OPTION_DELAYED_SETTLEMENT	Varchar	String	Information about delayed delivery of the securities with respect to the settlement date
FUTURE_SETTLEMENT_ALLOCATION	Varchar	String	It is the process of allocating the wealth of a company, usually in a percentage, among the partners.
OPTION_SETTLEMENT_ALLOCATION	Varchar	String	It is the process of allocating the wealth of a company, usually in a percentage, among the partners.
FUTURE_SETTLEMENT	Varchar	String	It tells whether the settlement will be in cash or kind along with the terms of settlement
FUTURE_ACCELERATION_OF_EXPIRATIONS	Varchar	String	In the event of a corporate action like merger where the corporation is not the surviving entity, the sale of substantially all of the assets of the corporation or an exchange or purchase from shareholders of their stock of the corporation, that requires the vote or consent of shareholders, then the expiration date of these options shall accelerate to be the date of such a corporate action
FUTURE_CONTRACT_ON_DIVIDEND_OF_STOCKS	Varchar	String	Single Stock Dividend Future symbol
REFERENCE	Varchar	String	Source of information
DETAILS	Varchar	String	All important details of the contract
ADJUSTMENTS	Varchar	String	All adjustments held in a company because of any corporate action.
METHOD	Varchar	String	Method used to determine the new share price.
RATIO	Varchar	String	Factor that results due to the underlying event
FUTURE_LOT_SIZE	Varchar	String	All details regarding the quantity of shares need to be ordered.
FUTURE_POSITION_AND_EXERCISE_LIMIT	Varchar	String	Open position-number of open position, Exercise limit- A restriction on the amount of option contracts of a single class that any one person or company can exercise within a fixed time period
FUTURE_VARIATION_MARGIN	Varchar	String	The variation margin is not collateral, but a daily payment of profits and losses.
FUTURE_SINGLE_STOCK_DIVIDEND	Varchar	String	Details of the use of ordinary dividend to calculate EDSP.
OUTSTANDING_ORDERS	Varchar	String	Details about the cancellation of the contract.
OPTION_LOT_SIZE	Varchar	String	All details regarding the quantity of shares need to be ordered.
OPTION_POSITION_AND_EXERCISE_LIMIT	Varchar	String	A restriction on the amount of option contracts of a single class that any one person or company can exercise within a fixed time period
OPTION_DIVIDEND	Varchar	String	Details of the effect of dividend on the contract.
INTEREST_RATE	Varchar	String	The Effects of Interest Rates on the contract.

Field Name	Data Type	Format	Description
ORDERS	Varchar	String	Details about the cancellation of the contract.
FUTURE_DIVIDEND	Varchar	String	Details of Dividend information of the company.
FUTURE_NEW_CONTRACT	Varchar	String	It is the adjusted contract of the existing contract.
CUM_EVENT_PRICE	Varchar	Numeric	Official closing price before the corporate action has occured.
OTHER_ADJUSTMENTS	Varchar	String	All other details that are not covered in broder head.
TRADING_FEES	Varchar	Numeric	Fees which allow investors to buy and sell trades online.
EDSP	Varchar	Numeric	Exchange delivery settlement price.
FUTURE_FURTHER_ MATURITIES	Varchar	String	Maturity of the contract
OPTION_EQUALISATION_ PAYMENT	Varchar	String	The amount that will be credited to the holders of long call and put positions and debited from the holders of short call and put positions.
OPTION_FURTHER_SERIES	Varchar	String	Information about the new series of the contract will be given.
PRODUCT_ISIN_OLD	Varchar	String	Unique international code for a product
PRODUCT_ISIN_NEW	Varchar	String	Unique international code for a product
R_FACTOR	Integer	String	It is an Adjustment Factor which is required to show the effect of a particular corporate action on the contract.
RULES_AND_ REGULATIONS	Varchar	String	Entire rules and regulations of the contract.
OPTION_ADJUSTMENT_OF _STRIKE_PRICE_AND_CONT RACT_SIZES	Varchar	String	All detailed adjustment of strike price and contract size.
FUTURE_ADJUSTMENT_OF _CONTRACT_SIZE_AND_VA RIATION_MARGIN	Varchar	String	All detailed adjustment of strike price and contract size.
FUTURE_INTRODUCTION_ OF_A_NEW_CONTRACT	Varchar	String	Details of the new contract.
ORDER_CANCELLATION	Varchar	String	Details about when the cancellation will be held.
RE_DESIGNATION	Varchar	String	Details of re-designation
OPTION_NEW_CONTRACT	Varchar	String	Adjusted new contract.
MISCELLANEOUS	Varchar	String	All other details of the contract.
FUTURE_MULTIPLIER	Varchar	String	The multiplier/factor needed to calculate the minimum tick for premium/strike price
FUTURE_CONTRACT_ON_D IVIDEND_OF_STOCKS_NEW	Varchar	String	Single Stock Dividend new Future symbol
OPTION_IMPLIED_VOLATILI TY	Varchar	String	It is the projected future volatility
OPTION_CONTRACT	Varchar	String	Details of the existing contract.
OFFER_PERIOD	Varchar	String	The period upto which the contract will be valid.
EXERCISES	Varchar	String	It contains the deadline for submitting Exercise instructions for contract.

Field Name	Data Type	Format	Description
FUTURE_ADJUSTED_SETTLEMENT_PRICE	Varchar	String	New settlement price
OPTION_ADJUSTED_SETTLEMENT_PRICE	Varchar	String	New settlement price
OPTION_CONTRACT_ON_DIVIDEND_OF_STOCKS	Varchar	String	Option Symbol
OPTION_CONTRACT_ON_DIVIDEND_OF_STOCKS_NEW	Varchar	String	Option new symbol
OPTION_FURTHER_MATURITIES	Varchar	String	Maturity of the contract
FUTURE_IMPLIED_VOLATILITY	Varchar	String	It is the projected future volatility
FUTURE_FURTHER_SERIES	Varchar	String	Information about the new series of the contract will be given.
SEC_ID	Varchar	Numeric	Unique identifier given to each security
UNDERLYING_CORPORATE_ACTION_PRICE	Varchar	String	The price of Corporate action event which is causing adjustment in the derivative contracts.
ADJUSTED_CONTRACT_PRICE	Varchar	String	The new price of the contract after corporate action on the underlying has occurred
OPTION_HISTORIC_VOLATILITY	Varchar	String	Historical volatility (HV) is the volatility experienced by the underlying stock, stated in terms of annualized standard deviation as a percentage of the stock price.
FUTURE_HISTORIC_VOLATILITY	Varchar	String	Historical volatility (HV) is the volatility experienced by the underlying stock, stated in terms of annualized standard deviation as a percentage of the stock price.
WORLD_MARKET_CONVERSION_RATE	Varchar	Numeric	Currency conversion rate.
OPTION_INTRODUCTION_OF_A_NEW_CONTRACT	Varchar	String	Details of the new contract.
FUTURE_INTER_MONTH_SPREAD_MAINTENANCE_MARGIN	Varchar	String	The futures contract months do not always move in synchronous manner. To account for the difference in price movement in certain contract months, Inter-Month Spread Charges to the Commodity Scanning Risk of a portfolio. So the margin changes.
FUTURE_ MAINTENANCE_MARGIN	Varchar	String	The maintenance margin is the minimum amount a futures trader is required to maintain in his margin account in order to hold a futures position. The maintenance margin level is usually slightly below the initial margin
OPTION_MONEYNESS	Varchar	String	Moneyness describes the intrinsic value of an option in its current state.
ADJUSTED_CONTRACT_SIZE	Varchar	String	The changed contract size due to corporate action adjustment.

Field Name	Data Type	Format	Description
FREEZE_LIMIT	Varchar	String	Freeze limits helps to regulate the flow of orders within a certain specified quantity and avoid flash moves in either direction.
EXPIRY_DATE_OF_OLD_CONTRACT	Varchar	String	The date on which the existing contracts will expire before the expiry date due to Corporate Action.
FIRST_DAY_OF_TRADING_OF_NEW_CONTRACT	Varchar	String	The starting date of the new contract after the expiration of the old contract.
EXPIRY_DATE_OF_NEW_CONTRACT	Varchar	String	The expiry date of the new contract.
FUTURE_ADJUSTED_PRICE	Varchar	Numeric	The adjusted price for the derivative contracts after the corporate action adjustment.
OPTION_ADJUSTED_PRICE	Varchar	Numeric	The adjusted price for the derivative contracts after the corporate action adjustment.
SETTLEMENT_PRICE	Varchar	Numeric	The Price used for daily re-valuation of open position.
FUTURE_DISTRIBUTION_RATIO	Varchar	String	It is the proportion of allocating wealth of a company to the shareholders due to various reasons or distributing the wealth between two companies due to merger.
OPTION_DISTRIBUTION_RATIO	Varchar	String	It is the proportion of allocating wealth of a company to the shareholders due to various reasons or distributing the wealth between two companies due to merger.
FUTURE_CONTRACT_ON_STOCKS	Varchar	String	Future symbol.
FUTURE_CONTRACT_ON_STOCKS_NEW	Varchar	String	New future symbol.
OPTION_CONTRACT_ON_STOCKS	Varchar	String	Option symbol.
OPTION_CONTRACT_ON_STOCKS_NEW	Varchar	String	New option symbol.
OPTION_DELIVERABLE_PER_CONTRACT_1	Varchar	String	Extra field added as requested by client (Additional Information for DELIVERABLE_PER_CONTRACT field in different format).
FUTURE_DELIVERABLE_PER_CONTRACT_1	Varchar	String	Extra field added as requested by client (Additional Information for DELIVERABLE_PER_CONTRACT field in different format).
FUTURE_OFFER_PRICE	Varchar	String	The price that is being offered for Corporate Actions like Exchange Offer, Purchase Offer etc.
OPTION_OFFER_PRICE	Varchar	String	The price that is being offered for Corporate Actions like Exchange Offer, Purchase Offer etc.
PRIMARY_PDF_LINK	Varchar	String	The link to the original Corporate Action Announcement document

ETD Corporate Actions SERIES TRADING LINES FEED

Key fields to link other tables

Element Name	Data Type	Format	Max Width	Field Description
All Code	varchar	string	50	Exchange All at series level for the instrument
Issuer Name	varchar	string	70	Name of Issuer
Primary Exchange Code	char	string	6	Exchange code for the primary listing.
Security Description	varchar	string	255	English description of the future contract.
Local Code	varchar	string	50	Local code unique at Market level – a ticker or number
Event Date	date time	YYYY-MM-DD HH:MM:SS	21	Date when Event updated
Short Description	varchar	string	20	English small description of the future contract
Expiry Date	date	YYYY-MM- DD		Contract expiry date
Strike Price	decimal	decimal		Excise price for option. Zero filled if not needed
ISIN Code	char	string	12	Series ISIN Code
Official Place of Listing	char	string	4	Official listing Market identifier code
Security MIC	char	string	4	Market identifier code
Security Root Code	varchar	string	20	The root code as distributed by the exchange
Underlying ISIN	char	string	12	underlying security ISIN for the future contract.
Edi Event Code	varchar	string	10	Event type code see lookup EVENT feed
Edi Event ID	int	numeric	10	Unique global Event Identifier combined with Event type code

ETD Corporate Actions TRIGGER SPECIFICATIONS

Key fields to link other tables

Element Name	Data Type	Format	Max Width	Field Description
eventcd	VarChar	Char String	10	Event type code
eventid	Integer	32 bit	10	Unique global Event Identifier combined with Event type code
Actflag	Char	Char String	1	Event Level Action Status
Changed	Date	YYYY/MM/DD HH:MM:SS	19	Date event updated.
Created	Date	YYYY/MM/DD	10	Date event first entered
Secid	Integer	32 bit	10	Unique global level Security ID (can be used to link all multiple listings together
Isin	Integer	32 bit	10	Unique global level Issuer ID (can be used to link all securities of a company together)
Uscode	Char	Char String	9	USCode (global level identifier)
Issuername	VarChar	Char String	70	Name of Issuer
Cntryofincorp	Char	Char String	2	ISO Country of Incorporation of Issuer
Sectycd	Char	Char String	3	Type of Equity Instrument
Securitydesc	VarChar	Char String	70	Security Description
Statusflag	Char	Char String	1	Inactive at the global level else security is active. Not to be confused with delisted which is inactive at the exchange level
Primaryexchgcd	Char	Char String	6	Exchange code for the primary listing (empty if unknown)
Exchgcd	Char	Char String	6	EDI maintained Exchange code. Equivalent to the MIC code but necessary as MIC might not be available in a timely fashion.
Mic	Char	Char String	4	ISO standard Market Identification Code
Localcode	VarChar	Char String	50	Local code unique at Market level - a ticker or number
Liststatus	Char	Char String	1	Indicates whether a security is Listed on an Exchange or Unlisted Indicates Exchange Listing Status
Date1type	VarChar	Char String	20	Type of calendar date

Date1	Date	YYYY/MM/DD	10	Calendar date
Date2type	VarChar	Char String	20	Type of calendar date
Date2	Date	YYYY/MM/DD	10	Calendar date
Date3type	VarChar	Char String	20	Type of calendar date
Date3	Date	YYYY/MM/DD	10	Calendar date
Date4type	VarChar	Char String	20	Type of calendar date
Date4	Date	YYYY/MM/DD	10	Calendar date
Ticker_symbol	VarChar	Char String	50	Local code the Derivative Contract
Contract_name	VarChar	Char String	70	Name of issuer
Contract_size	Varchar	32 bit	10	Contract size of the Derivatives
Expiry_	Date	YYYY/MM/DD	10	Date when contract will expire
EDI Event Code	varchar	string	10	Event type code see lookup EVENT feed
EDI Event ID	int	numeric	10	Unique global Event Identifier combined with Event type code

Derivative Trading Hours

The Derivative Exchanges Trading Hours (DTH) service provides timely and accurate information on trading hours, non-trading days and Settlement details.
A Derivative is a financial Instrument and is a contract between two parties, the value of derivatives determined by fluctuations in the underlying asset.

The most common underlying assets include stocks, bonds, commodities, currencies, interest rates and market indexes.

In Derivatives, we cover Futures Contract. A futures contract is a standardized agreement between two parties committing one to buy and the other to sell a particular asset of specific quantity and at a predetermined price, at a specified date in future.

Types of futures contract,

- Commodity Derivatives
- Interest Rate Derivatives
- Equity Derivatives
- FX Derivatives

Additional Datasets:

Additional Trading day, Settlement Time, Settlement details (cycle, method), Contract month updates (last Trade date, first trade date, notice date, settlement date, delivery date etc...,).

Then especially non-trading days based on products.

We provide all the facilities mentioned above in one-year package.

Monitored daily, the service comprises over **82 Exchanges** from **2019**.

Exchange Coverage

- **Exchanges & Trading Venues** - 38 countries, 51 fields, 82 exchanges & trading venues covered

Field Coverage for All Exchange

Fields	All Exchange
Product ID	x
Trading Hours ID	x
Act Date	x
Act Flag	x
Region	x
Country	x
Country 2 Code	x
Country 3 Code	x
Country Numeric	x
MIC Code	x
Operating MIC Code	x
OS Flag	x
Exchange Name	x
Exchange Website	x
Product Type	x
Sector	x
Contract Type	x
Group	x
Product Name	x
Year	x
Start Date	x
End Date	x
Days of Week	x
Trading Phase	x
Activities in Trading Phase	x
Open Hours UTC	x
Open Hours Local	x
Close Hours UTC	x
Close Hours Local	x
Holiday Name	x
Notes	x
Standard Time Zone	x

Other Fields coverage for Exchange

Exchange	Code	Open Hours DST	Close Hours DST	Random Start Open Hours Local	Random End Open Hours Local	Random Start Close Hours Local	Random End Close Hours Local	Contract Month Code	Contract Month Event	Settlement Cycle	Settlement Method	Clearing Venues	Trading Currency	Daylight Saving Time	Daylight Saving Time Starts	Daylight Saving Time Ends	Underlying description	Comments
ASX - Trade24	x	x	x	-	-	-	-	x	x	-	x	x	x	x	x	x	x	x
Athens Exchange S.A. Derivatives Market	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
B3 S.A.	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
BSE Ltd	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Budapest Stock Exchange	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	-
CBOE Futures Exchange	x	x	x	-	-	-	-	-	-	-	x	x	x	x	x	x	x	-
Chicago Board of Trade	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	x
Chicago Mercantile Exchange	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	-
China Financial Futures Exchange	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Commodities Exchange Center	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	x
Dalian Commodity Exchange	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Dubai Gold & Commodities Exchange Dmcc	x	-	-	-	-	-	-	x	x	-	x	-	x	-	-	-	x	-
Dubai Mercantile Exchange	x	-	-	-	-	-	-	x	x	-	x	x	x	-	-	-	x	-
Eurex Exchange	x	x	x	-	-	-	-	x	x	-	x	x	x	x	x	x	x	-
Euronext - Euronext Brussels - Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
Euronext - Mercado De Futuros E Opcoes	x	x	x	-	-	-	-	x	x	-	x	x	x	x	x	x	x	-
Euronext Com, Commodities Futures and Options	x	x	x	-	-	-	-	x	x	-	-	-	x	x	x	x	x	-
Euronext EQF, Equities and Indices Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	x
Euronext Paris Matif	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	-
Euronext Paris Monep	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	x
European Energy Exchange	x	x	x	-	-	-	-	x	x	-	x	x	x	x	x	x	x	-
Hanoi Stock Exchange - Derivatives	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Hong Kong Futures Exchange Ltd.	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	x
Hungarian Derivative Energy Exchange	-	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
ICE Endex Futures	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	x

Exchange	Code	Open Hours DST	Close Hours DST	Random Start Open Hours Local	Random End Open Hours Local	Random Start Close Hours Local	Random End Close Hours Local	Contract Month Code	Contract Month Event	Settlement Cycle	Settlement Method	Clearing Venues	Trading Currency	Daylight Saving Time	Daylight Saving Time Starts	Daylight Saving Time Ends	Underlying description	Comments
ICE Futures Europe	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
ICE Futures Europe - AGRICULTURAL PRODUCTS DIVISION	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
ICE Futures Europe - FINANCIAL PRODUCTS DIVISION	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
ICE Futures Singapore	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
ICE Futures U.S.	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
ICE Futures U.S. Energy Division	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
Indian Commodity Exchange Ltd.	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Indonesia Commodity and Derivatives Exchange	x	-	-	-	-	-	-	x	x	-	x	x	x	-	-	-	-	-
Intercontinental Exchange	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
Iran Mercantile Exchange	x	x	x	-	-	-	-	-	-	-	-	-	-	x	x	x	-	-
Italian Derivatives Market	-	x	x	-	-	x	x	x	x	x	x	x	x	x	x	x	x	-
Jakarta Futures Exchange (Bursa Berjangka Jakarta)	x	-	-	-	-	-	-	x	x	-	x	x	x	-	-	-	x	-
JSE Commodity Derivatives Market	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
JSE Currency Derivatives Market	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
JSE Equity Derivatives Market	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
JSE Interest Rate Derivatives Market	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Korea Exchange (Futures Market)	x	-	-	-	-	-	-	x	x	-	x	-	x	-	-	-	x	x
LMAX - Derivatives	-	x	x	-	-	-	-	-	-	x	x	-	x	x	x	x	-	-
London Metal Exchange	x	x	x	-	-	-	-	x	x	x	x	-	x	x	x	x	x	-
London Stock Exchange – Curveglobal Markets	x	x	x	-	-	-	-	x	x	-	x	x	x	x	x	x	x	-
Malaysian Exchange	x	-	-	-	-	-	-	x	x	-	x	x	x	-	-	-	x	-
MEFF Financial Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
Mercado Abierto Electronico S.A	-	-	-	-	-	-	-	-	-	-	-	x	x	-	-	-	x	-
Mercado Mexicano de Derivados	x	x	x	-	-	-	-	x	x	-	x	-	x	x	x	x	x	-
Minneapolis Grain Exchange	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-

Exchange	Code	Open Hours DST	Close Hours DST	Random Start Open Hours Local	Random End Open Hours Local	Random Start Close Hours Local	Random End Close Hours Local	Contract Month Code	Contract Month Event	Settlement Cycle	Settlement Method	Clearing Venues	Trading Currency	Daylight Saving Time	Daylight Saving Time Starts	Daylight Saving Time Ends	Underlying description	Comments
Montreal Exchange	x	x	x	x	x	-	-	x	x	x	x	x	x	x	x	x	x	x
Moscow Exchange - Derivatives Market	x	-	-	-	-	-	-	x	x	-	x	-	x	-	-	-	x	-
Nasdaq Dubai	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	x
NASDAQ OMX Futures Exchange	x	x	x	-	-	-	-	x	x	-	x	x	x	x	x	x	x	x
Nasdaq Stockholm AB - Danish EQ Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
Nasdaq Stockholm AB - Danish FI Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	-
Nasdaq Stockholm AB - Norwegian EQ Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
Nasdaq Stockholm AB - Norwegian FI Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	-
Nasdaq Stockholm AB - Swedish EQ Derivatives	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	x
National Commodity & Derivatives Exchange Ltd	x	-	-	-	-	-	-	x	x	-	-	-	x	-	-	-	x	-
National Stock Exchange of India	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
New York Mercantile Exchange	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
New Zealand Futures & Options	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	-	-
Nodal Exchange	x	x	x	-	-	-	-	x	x	-	x	x	-	x	x	x	x	-
OneChicago, LLC	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
OMIP - Polo Portugues, S.G.M.R., S.A. / OMIP Derivatives Market	x	x	x	-	-	-	-	x	x	-	x	-	x	x	x	x	-	-
Osaka Dojima Commodity Exchange	-	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	-	-
Osaka Exchange	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	x
Oslo Bors	x	x	x	-	-	-	-	x	x	-	x	-	x	x	x	x	-	-
Pakistan Mercantile Exchange	-	-	-	-	-	-	-	x	x	-	x	-	x	-	-	-	x	-
Power Exchange India Ltd.	-	-	-	-	-	-	-	-	-	-	x	-	x	-	-	-	x	-
Rosario Future Exchange	x	-	-	-	-	-	-	x	x	-	-	-	x	-	-	-	x	-
Shanghai Futures Exchange	x	-	-	-	-	-	-	x	x	x	x	x	-	-	-	-	x	-
Shanghai International Energy Exchange	x	-	-	-	-	-	-	x	x	-	x	x	x	-	-	-	-	-
Singapore Exchange	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	x

Exchange	Code	Open Hours DST	Close Hours DST	Random Start Open Hours Local	Random End Open Hours Local	Random Start Close Hours Local	Random End Close Hours Local	Contract Month Code	Contract Month Event	Settlement Cycle	Settlement Method	Clearing Venues	Trading Currency	Daylight Saving Time	Daylight Saving Time Starts	Daylight Saving Time Ends	Underlying description	Comments
Taiwan Futures Exchange	x	-	-	-	-	-	-	x	x	-	x	x	x	-	-	-	x	-
Thailand Futures Exchange	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	-	-
Tokyo Commodity Exchange	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Tokyo Financial Exchange	x	-	-	-	-	-	-	x	x	-	-	-	x	-	-	-	x	-
Turkish Derivatives Exchange	x	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	x	-
Warsaw Stock Exchange	x	x	x	-	-	-	-	x	x	x	x	x	x	x	x	x	x	-
Zhengzhou Commodity Exchange	x	-	-	-	-	-	-	x	x	-	x	x	x	-	-	-	x	-

Customization

EDI is proud to offer the most effective and efficient solutions tailored to meet each individual customer's needs. We offer a range of customization options including:

- Delivery-based solutions to complement existing client infrastructure.
- Content provided at the geographical or portfolio holding level.
- Feeds containing particular formats, field content and integrated client level data items.

EDI uses its extensive data research expertise to source, scrub and integrate new client specified data items with existing products and services. For instance, a request from a multinational investment bank to source the DR universe and map it against its underlying share portfolio ultimately led to the development of EDI's successful Depositary Receipt Database.

In addition, EDI was the first vendor to successfully launch an ISO 15022 Corporate Action Messaging feed. This enables customers to reduce costs and increase efficiency by removing the need for multiple feed handlers.

Support

Customer Support

Monday – Friday Open 24 hours **Saturday** 12AM - 8AM (GMT) **Sunday** 11PM-12AM(GMT)	**Call +44 207 324 0020**

Email: support@exchange-data.com

Customer support is closed Christmas and New Year's Day.

We aim to acknowledge all queries within an hour of receipt and answer queries within 24 hours where possible.

We will send a progress report if a query is not resolved within that time-frame. We resolve around 95% of customer queries within 24 hours.

All queries sent to our Support department are filtered and dispatched to the relevant department. An IT staff member is engaged in the communication process to resolve complicated technical issues.

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