Doing data differently

Helping the global financial community make informed decisions through the provision of comprehensive, accurate, timely and affordable securities and economic data services

With more than 30 years' experience, we offer comprehensive and accurate securities reference, corporate actions and pricing data for derivatives, equities, fixed income, and investment funds around the globe. We also cover economic data extensively.

We understand how crucial financial and economic data is and take a different approach as to how we proceed:

- We do not rent data, we sell it

- We do not have onerous redistribution rules

- We customize our services to meet your needs

- We cover all countries – no matter how large or small

- Finally, we offer competitive prices

As a result of our on-going commitment to providing cost-effective and innovative data solutions, while ensuring the highest standards, EDI has achieved the internationally recognized quality and security certifications ISO 9001 and ISO 27001.

Headquartered in the United Kingdom, we have operations in Australia, Canada, Germany, India, Morocco, South Africa, and in the United States.

Our Support Team is available on +44 (0) 207 324 0020, 24 hours a day, Monday to Friday and are closed on Christmas and New Year's Day.

ISO 9001
QUALITY MANAGEMENT

ISO 27001
INFORMATION SECURITY MANAGEMENT

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Introduction to Economic Indicator Service (EIS)

The Economic Indicator Service (EIS) aims to deliver professional economic content to financial institutions on both the buy and sell side service providers. This new service currently covers 44,351 recurring macro-economic indicators from 135 countries (as of December 16, 2019) such as GDP data, unemployment releases, PMI numbers etc.

EIS gathers the major economic events from a variety of regions and countries around the globe and provides an (1) Economic Events Data feed and Economic Calendar service to our clients. This service also includes all (2) previous historic data on economic indicators that are currently available on EIS's database.

Depending on availability, information regarding economic indicators, including the details of the issuing agency as well as historical data series can be made accessible for the client.

Key information about EIS:

- The Economic Calendar is a cloud-based service delivered via HTML/JavaScript application formats, which can then be embedded onto any website using iFrames.

- There are also alternatives methods available – such as API and JSON feed for the economic calendar that can be integrated into the company's system

- Live data – updated 24/5, immediately after the data has been released

The calendar includes the following:

➢ Recurring & Non-recurring indicators covering 136 countries across 21 regions.

➢ Indicators showing high, medium, and low impact data.

➢ Indicators showing actual, previous, and forecast data.

➢ Indicators can be filtered across 16 subtypes.

➢ News generation for selected high impact data.

➢ Indicator description and historical data up to the latest 8 historical points with a chart.

Sample Data Snapshot

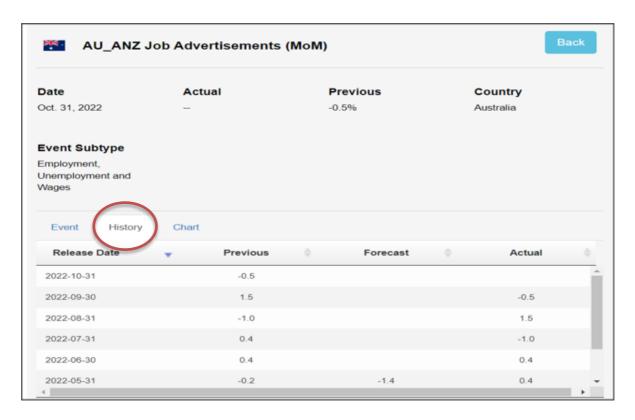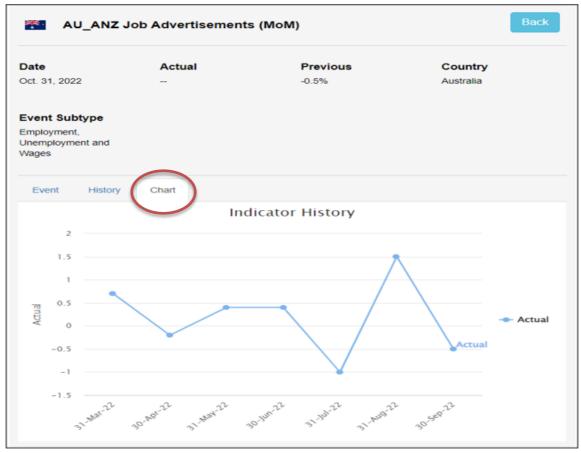|	Date	Time	Country	Impact	Event	Actual	Forecast	Previous
	12-Dec-22	--	🇨🇳	★☆☆	CN_M0 Money Supply (YoY)	--	--	14.3%
	12-Dec-22	--	🇨🇳	★☆☆	CN_M1 Money Supply (YoY)	--	--	5.8%
	12-Dec-22	--	🇲🇽	★☆☆	MX_Mexico Bank Holiday - Virgin of Guadalupe	--	--	--
	12-Dec-22	00:01:00	🇬🇧	★☆☆	UK_Rightmove House Price Index (YoY)	5.6%	--	7.2%
	12-Dec-22	00:01:00	🇬🇧	★☆☆	UK_Rightmove House Price Index (MoM)	-2.1%	--	-1.1%
	12-Dec-22	01:30:00	🇦🇺	★☆☆	AU_ANZ Job Advertisements (MoM)	--	--	-0.5%
	12-Dec-22	05:30:00	🇳🇱	★☆☆	NL_Trade Balance	EUR4.0Bn	--	EUR8.43Bn
	12-Dec-22	06:00:00	🇯🇵	★★★	JP_Machine Tool Orders (YoY)	-7.8%	--	-5.5%
	12-Dec-22	06:00:00	🇫🇮	★☆☆	FI_Current Account	EUR-0.26bn	--	EUR0.4bn
	12-Dec-22	06:00:00	🇦🇺	★☆☆	AU_ANZ Job Advertisements (MoM)	--	--	--
	12-Dec-22	07:00:00	🇬🇧	★★★	UK_Visible Trade Balance	GBP-19.7bn	--	GBP-20.36bn
	12-Dec-22	07:00:00	🇩🇰	★☆☆	DK_Harmonised Index of Consumer Prices (HICP) (YoY)	9.7%	--	11.4%
	12-Dec-22	07:00:00	🇩🇰	★☆☆	DK_Harmonised Index of Consumer Prices (HICP) (MoM)	-1.1%	--	1.3%
	12-Dec-22	07:00:00	🇬🇧	★★★	UK_Gross Domestic Product s.a. (MoM)	0.5%	0.4%	-0.6%
	12-Dec-22	07:00:00	🇩🇰	★☆☆	DK_Consumer Price Index (YoY)	8.9%	--	10.1%

Delivery Method of the Economic Indicator Service

The two components available for the Economic Indicator Service are the following:

- **Live Calendar** – updated 24/5 immediately after the data is released and with limited history for recurring indicators.
- Live Calendar can be embedded on client's website using iFrame or API.
- **Historical database** – Database of all recurring indicators (with complete history) and non-recurring indicators. Historical Database can be made available via API or SFTP.

Additional Features of the Economic Indicator Service

- Delivery of unique newsfeed by using algorithms and analysts
- Feed to client's website with customized branding
- Automatic feed to social media accounts, such as: Twitter and Facebook
- Desktop Ticker Updates
- Mobile App Integration
- Bespoke dashboards for macro-economic & industry reports

And most importantly, clients can **customize filters to get the specific economic indicators** (e.g., for specific countries) they **need.**

Broad Type of Recurring & Non-Recurring Indicators

- Production and Business Activity
- Employment, Unemployment and Wages
- Housing
- Money, Credit and Security Markets
- Prices, Inflation
- Government Finance
- International Statistics, Trade
- National Output, Income and Spending
- Speeches, Meetings

- National Output, Income and Spending
- Bond Auction
- Options Expiry
- Government Bond Auction
- Bank Holiday
- Banking and Financial
- Demographic
- Capital Market

Key Numbers of Recurring Indicators by Region & Country

Economic Indicator Service currently tracks 44,306 recurring indicators and 675 non-recurring indicators.

EDI would be happy to add additional indicators at the client's request.

Region	Country	Total	Region	Country	Total
Asia	China	261	Europe	Belarus	19
Asia	Hong Kong	93	Europe	Croatia	336
Asia	India	769	Europe	Iceland	90
Asia	Indonesia	105	Europe	Macedonia	3
Asia	Japan	276	Europe	Moldova	4
Asia	Kazakhstan	54	Europe	Montenegro	2
Asia	Malaysia	117	Europe	Norway	1052
Asia	Pakistan	74	Europe	Russia	833
Asia	Philippines	114	Europe	Serbia	109
Asia	Singapore	136	Europe	Switzerland	309
Asia	South Korea	245	Europe	Turkey	157
Asia	Sri Lanka	10	Europe	Ukraine	47
Asia	Taiwan	73	Europe	Yugoslavia	1
Asia	Thailand	211	Europe	UK	2614
Asia	Uzbekistan	5	European Union	Austria	145
Asia	Vietnam	28	European Union	Belgium	230
Central America	Guatemala	40	European Union	Bulgaria	897
Central America	Mexico	128	European Union	Czech Republic	108
Eastern Africa	Burundi	355	European Union	Denmark	126
Eastern Africa	Comoros	56	European Union	Estonia	93
Eastern Africa	Djibouti	93	European Union	Eurozone	91
Eastern Africa	Eritrea	98	European Union	Finland	140
Eastern Africa	Ethiopia	148	European Union	France	292
Eastern Africa	Kenya	487	European Union	Germany	294
Eastern Africa	Madagascar	161	European Union	Greece	351
Eastern Africa	Malawi	235	European Union	Hungary	153
Eastern Africa	Mauritius	331	European Union	Ireland	139
Eastern Africa	Mozambique	485	European Union	Italy	233
Eastern Africa	Rwanda	174	European Union	Latvia	44
Eastern Africa	Seychelles	120	European Union	Lithuania	76
Eastern Africa	Somalia	53	European Union	Luxembourg	134
Eastern Africa	Tanzania	312	European Union	Netherlands	721
Eastern Africa	Uganda	379	European Union	Poland	132
Eastern Africa	Zambia	572	European Union	Portugal	97
Eastern Africa	Zimbabwe	239	European Union	Romania	272

Region	Country	Total	Region	Country	Total
European Union	Slovenia	114	Oceania	New Zealand	397
European Union	Spain	160	Oceania	Papua New Guinea	7
European Union	Sweden	164	Southern Africa	Botswana	596
Middle Africa	Angola	295	Southern Africa	Lesotho	177
Middle Africa	Cameroon	124	Southern Africa	Namibia	425
Middle Africa	Central African Republic	105	Southern Africa	South Africa	7176
Middle Africa	Chad	111	Southern Africa	Swaziland	197
Middle Africa	DR Congo	116	Southern America	Argentina	100
Middle Africa	Equatorial Guinea	110	Southern America	Bolivia	26
Middle Africa	Gabon	115	Southern America	Brazil	1890
Middle Africa	Republic of Congo	135	Southern America	Chile	117
Middle Africa	Sao Tome & Principe	76	Southern America	Colombia	44
Middle East	Bahrain	513	Southern America	Peru	52
Middle East	Iran	24	Southern America	Venezuela	16
Middle East	Iraq	11	The Caribbean	Bahamas	26
Middle East	Israel	78	The Caribbean	Cuba	11
Middle East	Kuwait	567	The Caribbean	Dominican Republic	32
Middle East	Oman	556	Western Africa	Benin	313
Middle East	Qatar	992	Western Africa	Burkina Faso	248
Middle East	Saudi Arabia	1516	Western Africa	Cabo Verde	237
Middle East	United Arab Emirates	328	Western Africa	Gambia	117
Middle East	Lebanon	39	Western Africa	Ghana	698
Northern Africa	Algeria	160	Western Africa	Guinea	431
Northern Africa	Egypt	191	Western Africa	Guinea-Bissau	115
Northern Africa	Libya	106	Western Africa	Ivory Coast	255
Northern Africa	Morocco	173	Western Africa	Liberia	144
Northern Africa	South Sudan	57	Western Africa	Mali	266
Northern Africa	Sudan	180	Western Africa	Mauritania	206
Northern Africa	Tunisia	289	Western Africa	Niger	119
Northern America	Canada	1548	Western Africa	Nigeria	666
Northern America	US	1516	Western Africa	Senegal	290
Oceania	Australia	786	Western Africa	Sierra Leone	118
Oceania	New Caledonia	4	Western Africa	Togo	154
TOTAL					**44,306**

Sample of Non-Recurring Indicators

Region	Country	Indicator Name	Frequency	Event sub-Type	Rele-vance
Europe	Switzerland	World Economic Forum	As Scheduled	Speeches, Meetings	Medium
Europe	UK	BoE Governor Bailey Speech	As Scheduled	Speeches, Meetings	High
European Union	Germany	Deutsche Bundesbank's Wuermeling Speech	As Scheduled	Speeches, Meetings	Medium
European Union	Eurozone	Non-monetary policy's ECB meeting	As Scheduled	Speeches, Meetings	Medium
European Union	Eurozone	European Parliament Committee on Economic and Monetary Affairs Meeting	As Scheduled	Speeches, Meetings	Low
European Union	Italy	Italy to Sell Bills	As Scheduled	Speeches, Meetings	Low
Northern America	US	Fed's Daly speech	As Scheduled	Speeches, Meetings	Medium
Northern America	US	OPEC meeting	As Scheduled	Speeches, Meetings	Medium
Northern America	US	Fed's Monetary Policy Statement	As Scheduled	Speeches, Meetings	High
Northern America	US	US to Sell Bonds	As Scheduled	Speeches, Meetings	High

Data Fields and API

Indicator Data Fields

Adjustment	Currency	Frequency	Priority	Source
ColourFormat	Description	IndGroup	ReleaseDate	SourceLinkPrimary
Comments	DisplayNM	IndicatorName	ReleaseTime	SourceLinkSecondary1
Comparison	EventSubType	NewsType	Relevance	SourceLinkSecondary2
Country	EventType	NumberFormat	Revisions	Unit

Historical Data Fields

Actual	Date	Indicator Code	Revision
Consensus	Event Name	Period	Time
Country	Frequency	Previous	Unit

Calendar API

Field Value	Field Description
id	Transaction table ID from Database
c	Country
cc	Currency
fl	Country Flag
ev	Indicator Name
tp	Event Type
d	Description
src	Source Name
pre	Previous (With unit attached)
fct	Consensus (With unit attached)
act	Actual (With unit attached)
dt	Date & Time of release (Always in the timezone that is requested. All event times are converted to that timezone.)
time	Release Time
f	Frequency
rl	Relevance
u	Source Link
per	Period
tc	Country
actv	Actual Value (Without unit attached)
prev	Previous Value (Without unit attached)
fctv	Consensus Value (Without unit attached)
un	Unit
icode	Unique indicator code
evtype	Event sub-type
maturity_term	Maturity term for bills/bonds
revision	Revision level of the data (P-Preliminary, S-Second, F-Final estimates)
unc	Time of release: uncertain. (True/False)
yoy	Year on Year value for the given indicator
pop	Period on Period value for the given indicator

History API

Field Value	Field Description
pre	Previous (With unit attached)
fct	Consensus (With unit attached)
act	Actual (With unit attached)
dt	Date of release
dt2	Date of release
per	Period

News API

Field Value	Field Description
id	News ID
rl	Release Date
nh	News Header
nt	News Text
ct	Country
icd	Unique indicator code

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
Support Coverage ends 8am (GMT)

Sunday
Support Coverage resumes at 11pm (GMT)

Support Coverage is not available
Saturday 8am to Sunday 11pm

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.

EDI

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