



# **NORDIC & BALTIC DISAGGREGATED DATA PRODUCTS**



## NORDIC EQUITY

Nordic Equity products contain data for all listed companies on Nasdaq Nordic Exchanges (Stockholm, Copenhagen, Helsinki and Iceland).

The Nordic Equity offering also includes the companies listed on Nasdaq Nordic First North markets (Stockholm, Copenhagen and Helsinki), these are growth-oriented markets that make it easier for companies to be listed and gain access to capital.

Nordic Equity data products also contain information on Investment Funds, Warrant, ETF's and ETN's listed on the Nasdaq Nordic Exchanges.

### Nordic Equity Pre-trade Product

Contains pre-trade information from the Nasdaq Nordic markets. The Pre-trade products are included as part of the TotalView, Level 2 and Level 1 market data packages.

#### Features and Benefits

- Real time order book data available as TotalView, Level 2 or Level 1 products

#### Content

- Real time bid/ask prices for best five levels
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): market-by-level data

#### Coverage

- The Nordic Equity disaggregated products cover 11 172 equity, ETF, ETN, Warrants, Certificates and Investment funds instruments available on INET Nordic trading platform (as of December 2017).
- The total turnover of the instruments that are part of the Nordic Equities Pre- and Post-trade products is on average per month € 70.671.302.963 (Monthly average calculated between December 2016 and November 2017)
- The market data content ratio for the Nordic Equity Pre-trade products and the Nordic Equity post-trade products is on average 5 to 1.

### Nordic Equity Post-trade Product

The Nordic Equity Post-trade product contains post trade information on the equity or equity related instruments on Nasdaq Nordic Equity markets.

#### Features and Benefits

- Real-time trade data

#### Content

- Information regarding on- and off-order book trades as well as APA trades
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): includes trading data and reference data onl

**Pricing**

- Fees vary based on usage and distribution. Please visit <http://www.nasdaqomx.com/transactions/marketdata/europeanproducts/european-market-data-pricing> for details
- The products were introduced January 3, 2018

**MoreInformation**

Factsheet are available on many of the above mentioned features and benefits. Ask your sales representative for more information.

For questions please contact:

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Phone: +46 8 405 7500

<http://business.nasdaq.com/intel/market-data-feeds/Equities-Market-Data>



## NORDIC FIXED INCOME

Nasdaq Nordic Fixed Income products contain real-time market data from trading in instruments on Nasdaq Nordic Fixed Income cash market, including government bonds, mortgage bonds, corporate bonds and premium bonds as well as Nordic Fixed Income Derivatives.

### Nordic Fixed Income Pre-trade Product

Nasdaq Nordic Fixed Income Pre-trade product contains pre-trade information from the Nasdaq Nordic Fixed Income markets. Pre-trade information are included as part of the TotalView and Level 2 market data packages.

#### Features and Benefits

- Real-time market-by-level order book data includes aggregated bid/ask depth for the best five levels

#### Content

- Real time bid/ask prices for best five levels
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): market-by-level data

#### Coverage

- The Nordic Fixed Income markets covers above 8200 listed cash bonds and 83 derivatives (December 2017).
- The total turnover of the instruments that are part of the Nordic Fixed Income products is on average per month €162.778.377.996 excluding repos (monthly average calculated between December 2016 and November 2017) and 1.234.350 contracts for listed Fixed Income Derivatives.
- The market data content ratio for the Nordic Fixed Income Pre-trade products and the Nordic Fixed Income post-trade products is on average 154 to 1.

### Nordic Fixed Income Post-trade Product

The Nasdaq Nordic Fixed Income Post-trade product contains post trade information from the Nasdaq Nordic Fixed Income Markets.

#### Features and Benefits

- Real-time trade data

#### Content

- Information regarding on- and off-order book trades as well as APA trades
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): includes trading data and Mifid II reference data

**Pricing**

- Fees vary based on usage and distribution. Please visit <http://www.nasdaqomx.com/transactions/marketdata/europeanproducts/european-market-data-pricing> for details
- The prices were introduced from January 3, 2018

**MoreInformation**

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<http://business.nasdaq.com/intel/market-data-feeds/Derivatives>



## NORDIC DERIVATIVES

The Nasdaq Derivatives market is one of the largest derivatives exchanges in Europe. Launching in 1985, the Nordic countries were the first in the world to start an electronic options market with integrated clearing. Today, we offer a fully integrated Nordic derivatives trading and clearing platform for Swedish, Danish, Finnish, Icelandic and Norwegian options and futures on single stock and index derivatives.

The Nasdaq Nordic Derivatives product suite provides listing details, trade information, as well as pricing information.

### Nordic Derivatives Pre-trade Product

Nasdaq Derivatives Pre-trade product contains pre-trade information from the Nasdaq Nordic Derivatives markets. Pre-trade information is included in the Level 2 product.

#### Features and Benefits

- Real-time market-by-level order book data includes aggregated bid/ask depth for the best five levels

#### Content

- Real time bid/ask prices for best five levels
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): market-by-level data aggregated best 5 price levels

#### Coverage

- The Nordic Derivatives pre- and post-trade products cover all listed equity and index derivatives on the Nordic Derivatives market. The number of listed instruments was on December 4, 2017 above 32 000.
- The total turnover of the instruments that are part of the Nordic Derivatives pre- and post-trade products is on average per month 5,946,054 traded contracts.
- The market data content ratio for the Nordic Derivatives-trade products and the Nordic Derivatives post-trade products is on average 10 to 1.

### Nordic Derivatives Post-trade Product

The Nordic Derivatives Post-trade product contains post trade information from the Nordic Derivatives Markets.

#### Features and Benefits

- Real-time trade data

#### Content

- Information regarding on- and off-order book trades as well as APA trades
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): includes trading data and reference data only

### Pricing

- Fees vary based on usage and distribution. Please visit <http://www.nasdaqomx.com/transactions/marketdata/europeanproducts/european-market-data-pricing> for details
- The products were introduced January 3, 2018

### More Information

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## COMMODITIES

Nasdaq Commodities market data products contain information on Nordic, German, French, Belgian, Dutch, UK, Spanish and Italian power derivatives as well as freight, fuel oil, carbon, German wind power and European natural gas derivatives. The Nasdaq Commodities market data product suite provides listing details, trade information and bid/ask prices in a range of different entitlement packages.

### Commodities Pre-trade Product

Commodities pre-trade products Contains order book information from the Commodities markets. Pre-trade information is included as part of the TotalView and Level 2 market data products.

#### Features and Benefits

- Real time order book data available as TotalView or Level 2 products.

#### Content

- Real time bid/ask prices for best five levels or as market-by-order Order book information depending on products (TotalView or Level 2)
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): Order book information depending on products (TotalView or Level 2)

#### Coverage

- The Commodities pre- and post-trade product covers all listed commodities instruments on the commodities markets. The number of listed instruments was on December 20, 2017 above 9 500.
- The total turnover of the instruments that are part of the commodities pre- and post-trade products is on average per month € 2430 million for year 2017.
- The market data content ratio for the Commodities Pre-trade products and the Nasdaq Commodities post-trade products is on average 3 to 1.

### Commodities Post-trade Product

The Commodities Post-trade product contains post trade information from the Commodities Markets.

#### Features and Benefits

- Real-time trade data

#### Content

- Information regarding on- and off-order book trades as well as APA trades
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): includes trading data and reference data only



### **Pricing**

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- The products were introduced January 3, 2018

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<http://business.nasdaq.com/intel/market-data-feeds/commodities>



## BALTIC EQUITY & FIXED INCOME

Baltic Equity & Fixed Income products contain data for all listed companies on Nasdaq Baltic Exchanges (Estonian, Latvian and Lithuanian Stock Exchanges).

The Baltic Equity & Fixed Income offering also includes the companies listed on Nasdaq Baltic First North markets, these are growth-oriented markets that make it easier for companies to be listed and gain access to capital.

### Baltic Equity & Fixed Income Pre-trade Product

Contains pre-trade information from the Nasdaq Baltic markets. The Pre-trade products are included as part of the TotalView, Level 2 and Level 1 market data packages.

#### Features and Benefits

- Real time order book data available as TotalView, Level 2 or Level 1 products

#### Content

- Real time bid/ask prices for best five levels
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): market-by-level data

#### Coverage

- The Nordic Equity disaggregated products cover 208 equity, fixed income and funds instruments available on INET Baltic trading platform. (as of December 2017).
- The total turnover of the instruments that are part of the Baltic Equity & Fixed Income Pre- and Post-trade products is on average per month € 299.577.493 (Monthly average calculated between December 2016 and November 2017)
- The market data content ratio for the Baltic Equity & Fixed Income Pre-trade products and the Baltic Equity & Fixed Income post-trade products is on average 3 to 1.

### Baltic Equity & Fixed Income Post-trade Product

The Baltic Equity & Fixed Income Post-trade product contains post trade information on the equity, equity related and Fixed Income instruments on Nasdaq Baltic Equity & Fixed Income markets.

#### Features and Benefits

- Real-time trade data

#### Content

- Information regarding on- and off-order book trades as well as APA trades
- Standard identifiers (name, isin, identification codes)
- MMT Flags
- Mifid II reference data

#### Access Options

- Genium Consolidated Feed (GCF): includes trading data and reference data onl

### **Pricing**

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- The products were introduced January 3, 2018

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## NORDIC & BALTIC ANNUAL MARKET DATA REVENUE

### NORDIC ANNUAL MARKET DATA REVENUE 2016:

EUR 64.673.917

Percentage (%) of Total Nasdaq Nordic Annual revenue 2016: 24 %

### BALTIC ANNUAL MARKET DATA REVENUE 2016:

EUR 1.396.69

Percentage (%) of Total Nasdaq Baltic Annual revenue 2016: 41 %