

MTS Alpha

Bond Future Deliverables

Feed Overview
Ultra-low latency
premium data
distribution
facility:

- ☑ Un-netted
- ☑ Includes all price updates received on **Bond Future deliverables** that hit the MTS Cash market
- ☑ Fully executable prices
- ☑ Resting orders (Quotes & FAS) as well as Fill-or-Kill and Fill-and-Kill orders
- ☑ Trades
- ☑ Update frequency: **every c600 microseconds**
- ☑ Used to identify and anticipate/react to liquidity and price movements in the Futures market
- ☑ Connectivity via direct connection or via certified ISVs
- ☑ **FastFix** Protocol



Coverage

Prices are sourced directly from the following order books:

- ▶ MTS France
- ▶ MTS Germany
- ▶ MTS Italy
- ▶ MTS Spain
- ▶ European Bond Market (EBM)

Baskets

▶ Coverage includes the constituents of € bond future deliverable baskets



French

- ▶ OAT 10yr
- ▶ OAT 5yr



German

- ▶ BUXL 30yr
- ▶ BUND 10yr
- ▶ BOBL 5yr
- ▶ SCHATZ 2yr



Italian

- ▶ BTP 10yr
- ▶ BTP 5yr
- ▶ BTP 2yr



Spanish

- ▶ BONO 10yr

Data innovation

Find out more about data on MTS by speaking to our expert team.
+44 20 7797 4090 - data@mtsmarkets.com - [mtsmarkets.com](https://www.mtsmarkets.com)

Sample Data

Current aggregated order book from MTS Cash Markets.

14:04:10:816.327

CMF DEPTH updates			
Bid Qty	Bid Price	Ask Price	Ask Qty
40	99.25	99.42	5
20	99.24	99.43	30
15	99.23	99.44	20
10	99.21	99.45	15
10	99.20	99.47	10

Graph Key:

- **Un-aggregated bid**
– Unique to MTS Alpha
- **Un-aggregated ask**
– Unique to MTS Alpha
- **Depth outside aggregated order book**
– Unique to MTS Alpha
- **Proposal updated and no longer active**
– Unique to MTS Alpha

MTS Alpha updates.

Full order book depth ordered by best bid/ask.

Aggregated quantity is for illustration only. Includes entry ID.

Bid Price	Bid Qty	Aggregated Qty	Entry ID	Ask Price	Ask Qty	Aggregated Qty	Entry ID
99.25	10		900000415	99.41	5		900000389
99.25	10		900000464	99.42	5	5	900000389
99.25	10		900000405	99.42	10		900000594
99.25	10	40	900000594	99.43	10	40	900000594
99.25	10		900000594	99.43	10		900000415
99.24	10		900000166	99.43	10	30	900000464
99.24	10	20	900000501	99.44	10		900000594
99.24	10		900000405	99.44	10	20	900000166
99.23	10		900000169	99.44	10		900000501
99.23	5	15	900000010	99.45	10	15	900000405
99.21	10	10	900000312	99.45	5	10	900000169
99.20	10	10	900000565	99.45	10	25	900000010
99.19	10		900000296	99.47	10	10	900000405
99.03	5		900000420	99.48	10		900000312
99.02	5		900000420	99.49	10		900000565
98.44	5		900000389	99.72	5		900000296
98.43	5		900000389	99.73	5		900000420
98.26	5		900000375	100.42	5		900000420

Connectivity

Users (end customers and data vendors) can connect directly to the MTS Markets matching engine via MTS authorised Network Service Providers (NSP). There are two different options offered to market participants:

- ▶ The “Secure Market Access Portal (SMAP)” service allows end customers to establish the logical access (IP Address on a dedicated leased line network) via NSP to MTS Alpha as well as System premises
- ▶ The Co-Location service is offered by MTS to Customers, including Network Service Provider (NSP), market data users and Market Participants. This service is the ultimate option in terms of low-latency connectivity putting users as close as possible to trading and market data systems. The Co-Location facility is available only on the Production environment

Data innovation

Find out more about data on MTS by speaking to our expert team.

+44 20 7797 4090 - data@mtsmarkets.com - mtsmarkets.com

Disclaimer: Capitalised terms in the communication shall have the meaning ascribed to them in the MTS Glossary document here. Additional regulatory information can be found here: MTS Group Regulatory Structure. This communication is addressed to investment professionals only. Information in this publication may or may not have been provided by MTS S.p.A. and/or its group undertakings, and/or the individual authors (each a "party" and together the "parties"), but is made available without responsibility on the part of the parties. No action should be taken or omitted to be taken in reliance upon information in this publication and the information is not offered as and does not constitute professional, financial or investment advice on any particular matter and must not be used as a basis for making investment decisions. None of the parties accept any liability for the results of any action taken or omitted on the basis of the information in this publication. It is in no way intended, directly or indirectly, to invite or induce you to engage in any investment activity or as an attempt to market or sell any type of financial instrument. Advice from a suitably qualified professional should always be sought in relation to any particular matter or circumstance. None of the parties make any representations or warranties of any kind in relation to this publication and no responsibility is accepted by or on behalf of the parties for any errors, omissions, or inaccurate information. Third party advertisements are clearly labelled as such and none of the parties endorse or are responsible for the content of any third party advertisement in this publication or otherwise. MTS, EuroMTS and their logo are registered trade marks of MTS S.p.A.. Other logos, organizations and company names referred to may be the trade marks of their respective owners. No part of these trademarks, or any other trademark owned by MTS S.p.A. or its group undertakings can be used, reproduced or transmitted in any form without express written consent by the owner of the trademark. © October 2013, MTS S.p.A., via Tomacelli 146, 00816 Rome.