SOLA CONNECTIVITY GUIDE

JUNE 2021

BORSA ITALIANA

TABLE OF CONTENTS

1. INTRODUCTION

1.1. Purpose

The purpose of this document is to provide the details for connecting to the IDEM, IDEX and Agrex Markets for both Production Environment and CDS (test) environments.

1.2. Readership

This document outlines how to connect to the SOLA Trading and Market Data Systems.

1.3. Document history

This document has been through the following iterations:

Issue	Date	Description
1.0	July 2015	First version to be published on the Borsa Italiana's website and distributed to customers.
1.1	August 2015	Modified section 2.1 b), added description of TCP responders
1.2	April 2017	Updated section 2.2 – new FIX trading Gateway and new Drop Copy gateway Added section 2.3 – Legacy CDS environment
1.3	May 2017	Updated section 2.1 – new FIX trading Gateway and new Drop Copy gateway
1.4	October 2017	Updated section 2.x - new FIX trading Gateway and new Drop Copy gateway for Legacy CDS
1.5	March 2018	IP addresses for Legacy CDS environment updated – section 2.3
1.6	October 2019	Added ftp section 2.4
1.7	November 2019	Added HSVF test Multicast IP addresses
1.8	January 2020	Added HSVF Production Multicast IP addresses
1.9	January 2021	Added HSVF Production Multicast IP address for SDC
2.0	June 2021	Test UDP Source addresses for HSVF updated (section 2.2)
2.1	June 2021	Test UDP Source addresses for HSVF updated (section 2.2)

1.4. Enquiries

Please contact either Client Technology Services if you have any functional questions about the SOLA derivatives Market services outlined in this document.

Client Technology Services Italy can be contacted at:

Customer Relationship Management Technology

      Telephone: +39 0272426 512

      Email: **clients-services@borsaitaliana.it**

Client Support

      Free Toll Number: 00800 26772000

      From mobile: +39 02 45411399

      Email: **client-support@borsaitaliana.it**

Market Access

      Telephone: +39 02 72426 668

      Email: **market-access@borsaitaliana.it**

2. CONNECTIVITY

2.1. Production IP addresses and ports

The IP addresses and ports for production services for both the Primary and Secondary Data Centres are listed in the two following sections.

2.1.1.   Primary Data Centre (PDC)

TCP Services:

Service	Protocol	Gateway	IP Address	Port
Trading	SAIL	SailFE01	194.169.15.130	61310
		SailFE02	194.169.15.130	61311
		SailFE03	194.169.15.130	61312
		SailFE04	194.169.15.130	61313
		SailFE05	194.169.15.130	61314
		SailFE06	194.169.15.130	61301
		SailFE07	194.169.15.130	61302
		SailFE08	194.169.15.130	61303
	FIX	FixFE01	194.169.15.132	61360
		FixFE02	194.169.15.132	61370
		FixFE03	194.169.15.132	61380
Drop Copy	SAIL	SailDC01	194.169.15.130	61315
		SailDC02	194.169.15.130	61325
	FIX	FixFeDC01	194.169.15.132	61391
		FixFeDC02	194.169.15.132	61392
Market Data	HSVF		194.169.15.146	62310

UDP Services:

Service	Protocol	Channel Name	Multicast source IP	Multicast Address	Service Port (UDP)
Market Data	HSVF multicast	HSVF multicast Feed A	194.169.10.66	224.4.2.200	11316
		HSVF multicast Feed B	194.169.12.66	224.4.3.200	11316

2.1.2. Secondary Data Centre (PDC)

TCP Services:

Service	Protocol	Gateway	IP Address	Port
Trading	SAIL	SailFE01	194.169.15.224	61310
		SailFE02	194.169.15.224	61311
		SailFE03	194.169.15.224	61312
		SailFE04	194.169.15.224	61313
		SailFE05	194.169.15.224	61314
		SailFE06	194.169.15.224	61301
		SailFE07	194.169.15.224	61302
		SailFE08	194.169.15.224	61303
	FIX	FixFE01	194.169.15.226	61360
		FixFE02	194.169.15.226	61370
		FixFE03	194.169.15.226	61380
Drop Copy	SAIL	SailDC01	194.169.15.224	61315
		SailDC02	194.169.15.224	61325
	FIX	FixFeDC01	194.169.15.226	61391
		FixFeDC02	194.169.15.226	61392
Market Data	HSVF		194.169.15.232	62310

UDP Services:

Service	Protocol	Channel Name	Multicast source IP	Multicast Address	Service Port (UDP)
Market Data	HSVF multicast	HSVF multicast Feed B	194.169.12.66	224.4.3.200	11316

2.2. CDS IP addresses and ports

The IP addresses and ports for CDS (**test**) services are listed in the following sections.

TCP Services:

Service	Protocol	Gateway	IP Address	Port
Trading	SAIL	SailFE01	194.169.15.162	51310
		SailFE02	194.169.15.162	51311
		SailFE03	194.169.15.162	51312
		SailFE04	194.169.15.162	51313
	FIX	FixFE01	194.169.15.164	51360
		FixFE02	194.169.15.164	51361
		FixFE03	194.169.15.164	51362
Drop Copy	SAIL	SailDC01	194.169.15.162	51315
		SailDC02	194.169.15.162	51316
	FIX	FixFeDC01	194.169.15.164	51368
		FixFeDC02	194.169.15.164	51369
Market Data	HSVF		194.169.15.166	52310

UDP Services:

Service	Protocol	Channel Name	Multicast source IP	Multicast Address	Service Port (UDP)
Market Data	HSVF multicast	HSVF multicast Feed A	81.174.64.201	224.4.16.225	11316
		HSVF multicast Feed B	81.174.64.202	224.4.17.225	11316

2.3. Legacy CDS IP addresses and ports

The Legacy CDS is a parallel CDS environment with the version of the software aligned with the one live in production environment.

IP addresses and ports available for the legacy CDS (**test**) services are listed in the following sections.

TCP Services:

Service	Protocol	Gateway	IP Address	Port
Trading	SAIL	SailFE01	94.46.104.131	51310
		SailFE02	94.46.104.131	51311
		SailFE03	94.46.104.131	51312
		SailFE04	94.46.104.131	51313
	FIX	FixFE01	94.46.104.132	51360
		FixFE02	94.46.104.132	51361
		FixFE03	94.46.104.132	51362
Drop Copy	SAIL	SailDC01	94.46.104.131	51315
		SailDC02	94.46.104.131	51316
	FIX	FixFeDC01	94.46.104.132	51368
		FixFeDC02	94.46.104.132	51369
Market Data	HSVF		94.46.104.141	52310

2.4. FTP Reference Data

Reference data will be available in PRODUCION environment for all customers upon ftp connection to the server

- PDC:
  - 81.174.64.61
  - 81.174.64.62
- SDC:
  - 81.174.64.189

Standard username and password available for the connection are

User: **trm2USER**

Pw: **F1les4You**

CONTACT

Customer Relationship Management Technology

clients-services@borsaitaliana.it
+39 0272426 512

Client Support

client-support@borsaitaliana.it
Free Toll Number: 00800 26772000
From mobile: +39 02 45411399

Market Access

market-access@borsaitaliana.it
+39 02 72426 668

Disclaimer

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided "as is" without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext. Euronext disclaims any duty to update this information. Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at **www.euronext.com/terms-use**.

EURONEXT

borsaitaliana.it