

SOLA Platform

SOLA Connectivity Guide

Issue 1.7



London
Stock Exchange Group

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SOLA Connectivity Specification

1.0 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 |

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Enquiries

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

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2.0 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.

a) Primary Data Centre (PDC)

| 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 |

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b) Secondary Data Centre (SDC)

| 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 |

Customers should be aware that login to SDC IP and ports is not possible out of Disaster Recovery Invocation. it is possible to telnet SDC IP and ports during standard market hours (8 am – 7 pm Italian Time).

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2.2 CDS IP addresses and ports

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

| 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 | FixDC01 | 194.169.15.164 | 51368 |
| | | FixDC02 | 194.169.15.164 | 51369 |
| Market Data | HSVF unicast | | 194.169.15.166 | 52310 |

| Service | Protocol | Channel Name | Multicast source IP | Multicast Address | Service Port (UDP) |
|-------------|----------------|-----------------------|---------------------|-------------------|--------------------|
| Market Data | HSVF multicast | HSVF multicast Feed A | 194.169.15.193/29 | 224.4.16.225 | 11316 |
| | | HSVF multicast Feed B | 194.169.15.201/29 | 224.4.17.225 | 11316 |

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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.

| 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 |

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2.4 FTP Reference Data

Reference data will be available in PRODUCCION 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

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