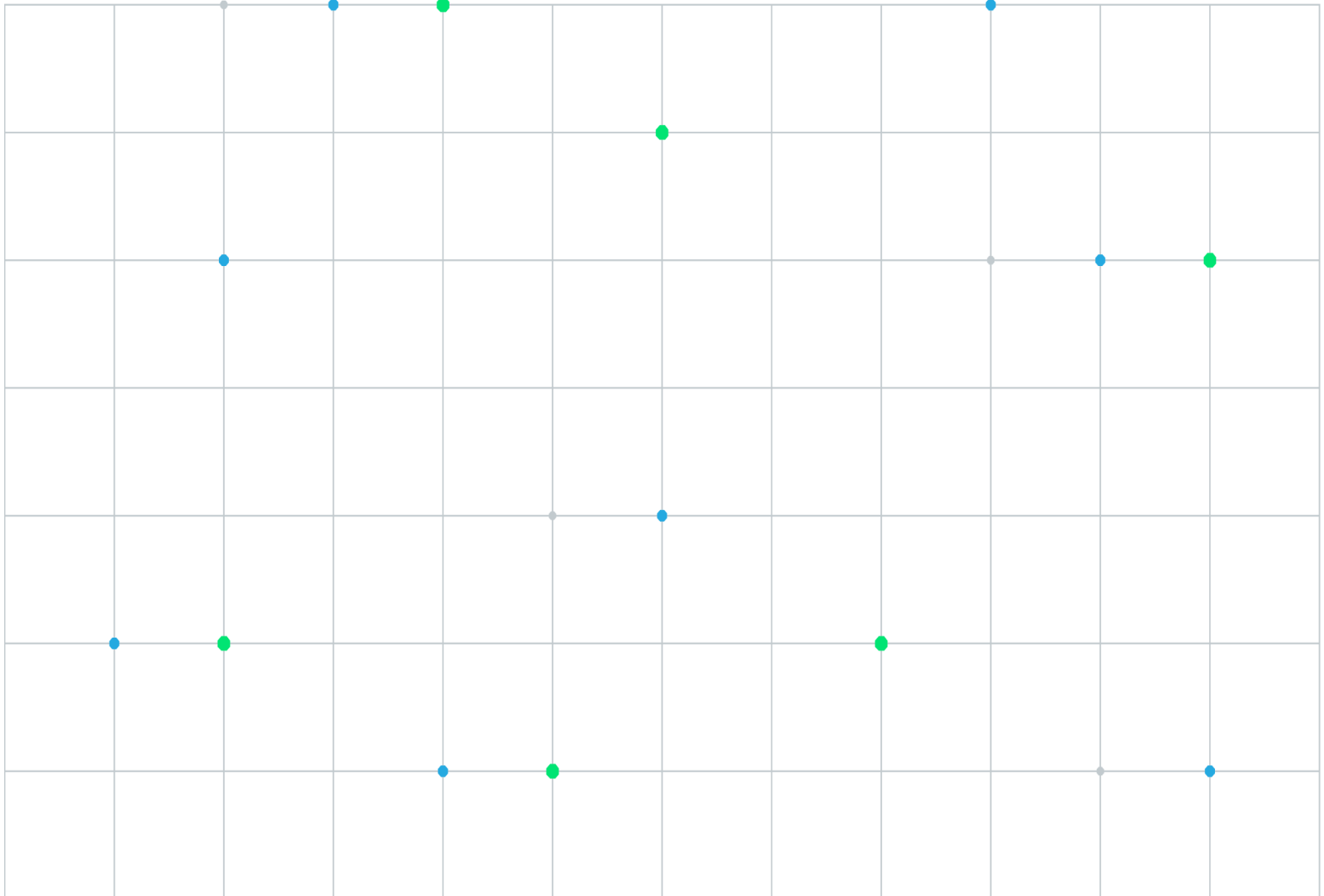


# AutoCert+ BrokerTec EU Algo Simulator User Manual

7 Oct 2022



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# Getting Started

The AutoCert+ tool is an automated testing tool for validating application functionality. It provides an easy-to-use web interface for walking through CME Group certification scenarios.

To facilitate the process of connecting a customer application, CME Group provides a dedicated certification environment to allow customers to test their systems before they complete certification.

This Help system accompanies the AutoCert+ BrokerTec EU Algo Simulator test suite.

 **To run and navigate AutoCert+:**

1. [Log into](#) the automated certification tool.
2. Review general AutoCert+ test suite [navigation](#) and [general interview](#) information.
3. Complete the [Interview](#) for this test suite.
4. Complete applicable test cases.

## What's New

The list below illustrates the updates made to the AutoCert+ BrokerTec EU Algo Simulator Help system.

Date	Description
7 Oct 2022	Website and PDF format changes only.
24 Sep 2020	Initial release.

# Interview

The interview consists of a series of questions about your trading application. Based on your responses, certain tests are required and others are optional. You must complete the pre-certification interview before running the test cases.

Select **Yes** or **No** in response to the interview question: "Do you support disorderly markets testing?" Select the **Complete** button.

The screenshot shows the 'Current Testing Configuration' window. It contains several configuration fields: Tester (text input), Company Name (dropdown menu), Purpose (dropdown menu), Application System (dropdown menu), Test Suite (dropdown menu), and SenderComp (dropdown menu with an 'ASSIGN' button). On the right, there are fields for Type (Automated Trading System), Category (Broker System), and three numeric fields (1603, 1604, 1605). Below these is a 'Test Suite Status' section showing 'Pre-Certification Interview' as 'Complete' (with a green checkmark) and 'Test Suite Status' as 'Not Tested' (with a red exclamation mark). A note below states: 'NOTE: You choose a testing Application System. If your intention is to certify, please choose a different Application System from the drop-down.' At the bottom, there is a navigation bar with 'Interview', 'Test Suite', 'Test Case', 'Post Certification', and 'Help' tabs. The 'Interview' tab is active, showing a question: 'Do you support disorderly markets testing?' with radio buttons for 'Yes' (selected) and 'No'. A 'Complete' button is located below the question.

# Erroneous Orders or Transactions

The purpose of this test is to simulate erroneous orders or transactions scenarios in which the client system receives Execution Reports for orders not sent by the client system.



**Note:** See the [iLink 3 message specification](#) for more information on Execution Reports.

1. Select a **SenderComp ID** in the drop-down.
2. Select **Assign**.
3. From the **Contract** drop-down, choose the desired contract and click **Select**.

Interview Test Suite **Test Case** Post Certification Help

**Steps of the test: Erroneous orders or transactions**

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

**Purpose**  
The purpose of this test is to simulate Erroneous orders or transactions scenario receiving execution report on orders not sent by client system

**Selected Contract:** IEBND#\_1\_23\_06/20 -709 Unlock

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confated Feed A	233.143.214.27	15710
Incremental Confated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confated	233.143.214.29	14710
TCP Confated Feed	69.50.113.171	9054

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdoSessionMgmt.xml

**Note:** Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. START TEST

Description	Flag	Status
1 Over an iLink connection, submit an order with a quantity greater than 1000.	<input type="radio"/>	Not Tested
2 Receive and Process Erroneous Execution Report	<input type="radio"/>	Not Tested

Key:  not tested  complete  pending  failed

REFRESH

## ▶ To run an Erroneous Orders or Transactions test:

1. Over an iLink connection, submit an order with a quantity greater than 1000.
2. Receive and process erroneous Execution Report message.