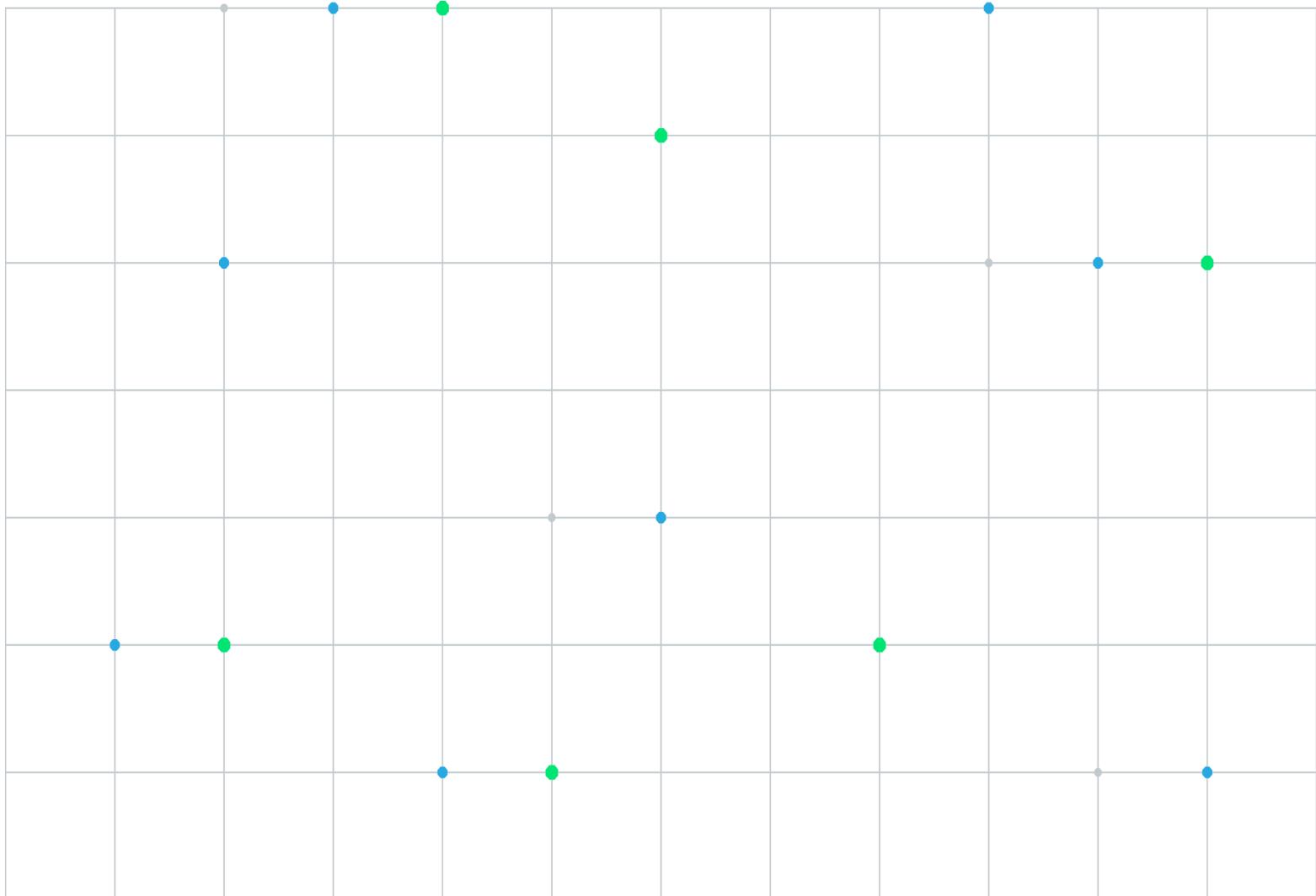


# AutoCert+ Access User Manual

June 26, 2025



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# Getting Started

Welcome to the AutoCert+ Access AutoCert+ Access online help system.

CME Group requires that all client systems transacting on CME Globex via iLink order routing or processing CME Group market data are certified by AutoCert+, an automated testing tool for validating client system functionality. CME Group offers two customer testing environments, Certification and New Release, for system validation prior to connecting to and transacting on CME Group platforms. Certification ensures messaging and processing reliability and the capability to gracefully recover during abnormal message processing events.

## Additional Resources

- [Client Systems Wiki](#)- for more information on certification environments, system requirements, and network connectivity.
- [Navigating AutoCert+](#) - learn more about general navigation for the application.
-  [Certification Overview Video](#)

# What's New

The list below illustrates the updates made to the AutoCert+ Access Help system.

Date	Topic	Description
26 June 2025	<a href="#">Navigating the Certification Tool</a>	Added Application System refresh function
06 Oct 2022	Format	Website and PDF format changes only
08 Oct 2021	<a href="#">Accessing AutoCert+</a>	Updated login and logout procedures.
13 April 2021		Updated screenshots and steps to add <b>Market</b> drop-down menu.
26 Feb 2021	<a href="#">Accessing AutoCert+</a>	Updated steps in "Subscribing to CME Globex Test Environment Notifications."
11 Jul 2019	<a href="#">Navigating the Certification Tool</a>	Added Purpose, Type, Category, 1603, 1604, 1605.
27 Feb 2018	All	Extensive rewrite.
14 Dec 2015	<a href="#">Getting Started</a>	Removed mention of VPN in step 1 under "Obtaining Access to AutoCert+."
	<a href="#">Logging In</a>	Added step 1 with AutoCert+ URL.
05 Oct 2015	<a href="#">Getting Started</a>	New Users can subscribe and unsubscribe to notifications regarding the test environment.
15 Oct 2014	<a href="#">Getting Started</a>	Added link to ACP Access video. Added Feedback button to toolbar.
28 Mar 2014		Streamlined Help system, and moved sections to the Client Systems Wiki.
21 Sep 2012		Streamlined Help system.
07 Jul 2012	Getting Started, <a href="#">Navigating the Certification Tool</a> , <a href="#">Completing the Certification Process</a> , <a href="#">Logging In</a>	Added navigation instructions, updated login and getting started procedures, updated post-cert interview info, and formatted according to new ACP Help system standards.
26 Sep 2011		Updated for ACP 4.0 and developed WebHelp system.
15 Mar 2011	Customer Support	Updated CSET email address.
26 May 2009		Updated Overview section and Performance Test Mode Message.
23 Apr 2009		Add a warning note to the Introduction about tag 60.
09 Feb 2009	Separate Sender's ComplID Per	Update Separate Sender's ComplID Per

Date	Topic	Description
	Environment	Environment section, removing a sentence about the SenderComplID.
13 Jan 2009 14 Nov 2008		Update references to cmegroup.com.  Updates include: <ul style="list-style-type: none"><li>• Addition discussion of iLink 2.x capability in AutoCert+.</li><li>• Renaming of New Release Certification Environment to New Release Environment.</li><li>• Remove references to FX MarketSpace, Cabinet Orders and FXMS Position Limits.</li></ul>
04 Sept 2008		Update screen captures and re-brand CME Group. Also, updated content with correct location of XML configuration file.

# Accessing AutoCert+

To access AutoCert+, users must have an active CME Group Login.

This topic provides the following information:

- [Registering and Obtaining Access to AutoCert+](#)
- [Subscribing to Test Environment Notifications](#)
- [Logging In / Logging Out](#)
- [Additional Functions](#)

## Registering and Obtaining Access to AutoCert+

### ► [To register for a CME Group Login:](#)

Prior to logging in, complete the following:

- Use the [CME Group Login](#) service to register and activate a user profile.
- Contact your [Global Account Manager \(GAM\)](#) to request AutoCert+ access and associate your account with the correct entity.
- After your profile is activated, provide your CME Group Login ID to your [Global Account Manager \(GAM\)](#), which is used to finalize AutoCert+ access.

 **Note:** For login or registration questions or issues, refer to the [CME Group Login instructions](#) or contact [EASE](#).

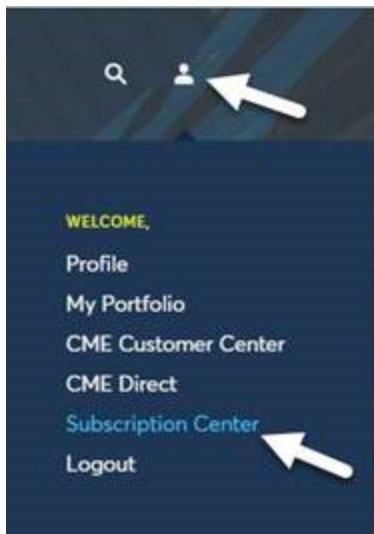
## Subscribing to CME Globex Test Environment Notifications

The email you receive after being granted access to AutoCert+ contains a link to the CME Group Subscription Center, which allows you to [subscribe or unsubscribe](#) to test environment notifications, including New Release and Certification.

 **CAUTION:** Please note that the unsubscribe link unsubscribes you from **ALL CME Group** subscription-based notifications. To manage your subscription profile, visit <http://cme-group.com/subscribe>.

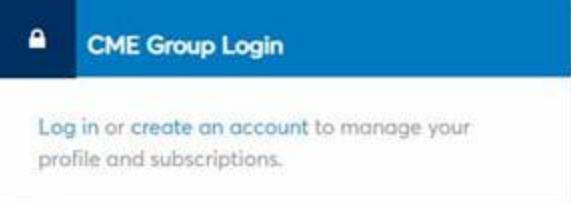
### ► [To access the CME Group Subscription Center:](#)

1. Navigate to <http://cme-group.com/subscribe> or from [www.cme-group.com](http://www.cme-group.com), select your **Profile > Subscription Center**:



If you are not logged in via your CME Group Login profile, you will be prompted to log in or to create an account:

 Note: For additional information, see the [CME Group Login site](#).

A screenshot of the CME Group Login page. The page has a blue header with a lock icon and the text 'CME Group Login'. Below the header, there is a message: 'Log in or create an account to manage your profile and subscriptions.'

2. From the Subscription Center, select the **CME Globex Test Environments** check box to subscribe to these email notifications, or deselect the **CME Globex Test Environments** check box to unsubscribe from these email notifications.
3. Select **Save**.

## Logging In

CME Group recommends using a recent version of the [supported browsers](#) (Google Chrome, Internet Explorer) to access and operate application functions.

### [To log into AutoCert+:](#)

1. Navigate to <https://loginnr.cmegroup.com/sso/ssologin.action>.
2. Enter login credentials and select **Login**.

For additional information about creating or managing a CME Group Login, or using multi-factor authentication, please review the [CME Group Login User Help System](#).

## Additional Functions

For additional details, refer to the following CME Group Login resources:

- [Forgot User ID](#): After validating profile details, receive a username reminder to the registered email address.
- [Forgot Password](#): After validating profile details, security validation and questions, a password reset email is sent to the registered email address.
- [Manage Profile](#): Create and manage user details.

Users are required to periodically review and update their profile details. Dormant user profiles will be deactivated after an extended inactivity period.

## Logging Out

To protect accounts and data and after completing activity, users should log out of the CME Customer Center and close the browser session.

### **To log out of AutoCert+:**

1. Select the **User** icon.
2. Select **Logout**.

 **System timeout:** Sessions are active for eight hours; logging out then logging in again resets the session logout timer. After a period of inactivity authentication may be required to perform additional functions.

For additional information about creating or managing a CME Group Login, or using multi-factor authentication, please review the [CME Group Login User Help System](#).

# Certification Process

- [Navigating the Certification Tool](#)
- [Filling Out an Interview](#)
- [Certification Dedicated Instruments](#)
- [Certification Testing](#)
- [Post Certification Interview](#)

## Navigating the Certification Tool

The AutoCert+ tool provides an easy-to-use web interface for navigating through CME Group certification scenarios.

The main AutoCert+ window includes the following tabs:

- **Interview** - The [Interview](#) tab provides a pre-certification interview in which the responses provided determine which tests are mandatory and optional.



**Note:** Completion of the Interview is mandatory for all AutoCert+ test suites.

- **Test Suite** - The Test Suite tab displays a list of links to all of the available test cases within the suite.
- **Test Case** - The Test Case tab lists the steps for the certification test selected from the Test Suite tab.
- **Post Certification** - The Post Certification tab provides a post-certification interview in which you can provide feedback related to the AutoCert+ test.
- **Help** - The Help tab launches the WebHelp for the current AutoCert+ test suite.

### Current Testing Configuration

Tester:	<input type="text" value="Tom Tester"/>	Type:	Automated Trading System
Company Profile:	<input type="text" value="Test_Firm"/>	Category:	Prop System
Market:	<input type="text" value="Futures &amp; Options"/>	1603:	1
Purpose:	<input type="text" value="CME STP"/>	1604:	1
Application System:	<input type="text" value="test_application"/> <span style="border: 1px solid orange; padding: 2px;">C</span>	1605:	1
Test Suite:	<input type="text" value="CME STP FIX Recovery"/>		
NOTE: This test suite utilizes the NEWRELEASE environment.			
API ID:	<input type="text" value="Select API ID"/>	<b>ASSIGN</b>	

**Test Suite Status:**

Pre-Certification Interview:	<span style="border: 1px solid red; padding: 2px;">Not Complete</span>
Test Suite Status:	<span style="border: 1px solid red; padding: 2px;">Not Tested</span>



### To navigate the certification tool:

1. [Log into AutoCert+.](#)
2. From the main certification window, in the **Company Name** drop-down menu, enter the name of the company performing the certification.
3. Select a **Market** in the drop-down menu.
4. Select a **Purpose** in the drop-down menu.
5. In the **Application System** drop-down menu, select the system being certified.

**Note:** The list of Application System options is created and maintained via [Request Center NR / CERT](#). Use the refresh () function to update the list to include recently created *Application Systems*.

6. In the **Test Suite** drop-down menu, select the applicable AutoCert + test suite application.
7. Select the appropriate [SenderCompID](#) from the list, then click **Assign**.

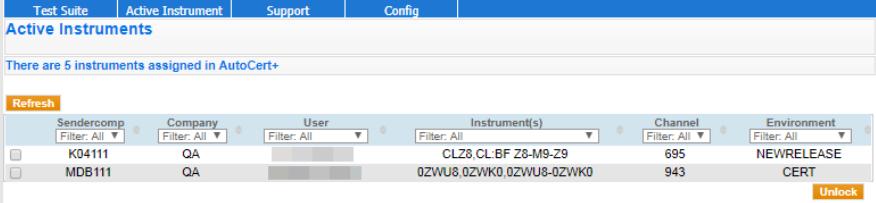
Each company is assigned a pool of session IDs. Only one ID can be used at a time for certification testing, as the AutoCert+ tool uses session IDs to identify messages being sent and received by the tester.

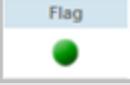
**Note:** If there are no SenderCompIDs listed, create a SenderComp (GFID + Order Entry Session ID + [Fault Tolerance Indicator](#)) for the environment in which you are testing. A separate SenderCompID is required for New Release environment and Certification environment. If you have more than one application to certify, obtain an additional ID.  
To view instructions for creating and managing SenderComp IDs see:  

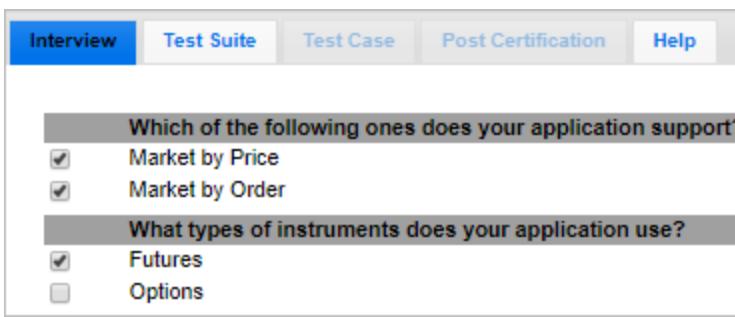
- [Futures and Options](#)
- [BrokerTec](#)
- [EBS](#)

8. The Test Suite Status section illustrates the Pre-Certification Interview, Test Suite, and Post-Certification status.

## Field Descriptions

Field/Name	Description																																								
1603	Displays the value from tag 1603-ApplicationSystemName of the <a href="#">iLink Logon from Client System to CME Globex message</a> .																																								
1604	Displays the value from tag 1604-TradingSystemVersion of the <a href="#">iLink Logon from Client System to CME Globex message</a> .																																								
1605	Displays the value from tag 1605-ApplicationSystemVendor of the <a href="#">iLink Logon from Client System to CME Globex message</a> .																																								
Active Instruments	<p>Displays information about instruments that are in use. View this page before sending any new orders to confirm that the instrument is available. You cannot select an instrument for a test if that instrument is already being used for testing.</p>  <table border="1"> <thead> <tr> <th>Test Suite</th> <th>Active Instrument</th> <th>Support</th> <th>Config</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Active Instruments</b></td> </tr> <tr> <td colspan="4">There are 5 instruments assigned in AutoCert+</td> </tr> <tr> <td colspan="4"> <b>Refresh</b> <table border="1"> <thead> <tr> <th>Sendercomp</th> <th>Company</th> <th>User</th> <th>Instrument(s)</th> <th>Channel</th> <th>Environment</th> </tr> </thead> <tbody> <tr> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> </tr> <tr> <td><input type="checkbox"/> K04111</td> <td>QA</td> <td></td> <td>CLZ8.CL.BF.Z8-M9-Z9</td> <td>695</td> <td>NEWRELEASE</td> </tr> <tr> <td><input type="checkbox"/> MDB11</td> <td>QA</td> <td></td> <td>0ZWU8.0ZWK0.0ZWU8-0ZWK0</td> <td>943</td> <td>CERT</td> </tr> </tbody> </table> </td> </tr> </tbody> </table>	Test Suite	Active Instrument	Support	Config	<b>Active Instruments</b>				There are 5 instruments assigned in AutoCert+				<b>Refresh</b> <table border="1"> <thead> <tr> <th>Sendercomp</th> <th>Company</th> <th>User</th> <th>Instrument(s)</th> <th>Channel</th> <th>Environment</th> </tr> </thead> <tbody> <tr> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> <td>Filter: All</td> </tr> <tr> <td><input type="checkbox"/> K04111</td> <td>QA</td> <td></td> <td>CLZ8.CL.BF.Z8-M9-Z9</td> <td>695</td> <td>NEWRELEASE</td> </tr> <tr> <td><input type="checkbox"/> MDB11</td> <td>QA</td> <td></td> <td>0ZWU8.0ZWK0.0ZWU8-0ZWK0</td> <td>943</td> <td>CERT</td> </tr> </tbody> </table>				Sendercomp	Company	User	Instrument(s)	Channel	Environment	Filter: All	Filter: All	Filter: All	Filter: All	Filter: All	Filter: All	<input type="checkbox"/> K04111	QA		CLZ8.CL.BF.Z8-M9-Z9	695	NEWRELEASE	<input type="checkbox"/> MDB11	QA		0ZWU8.0ZWK0.0ZWU8-0ZWK0	943	CERT
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Application System	<p>Application systems that can be used for certification testing. A drop-down menu identifying the system (s) being certified (name, version and type).</p>  <p><b>Application System:</b> <input type="button" value="CDS - Automated Trading System 1.0 N/A"/></p> <p><b>Note:</b> See also: <a href="#">Add Application Systems via Request Center NR/CERT</a></p>																																								

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Refresh	<p><b>REFRESH</b></p> <p>Refreshes the screen.</p>								
Retest	<p>Appears in each row of a certification test after it has been attempted. Allows you to retest a particular certification test. Choosing this option overwrites the current test results.</p>								
<u>SenderComp</u>	<p>Assigned value used to identify GFID, Order Entry session and a Fault Tolerance Indicator.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> If there are no SenderCompIDs listed, create a SenderComp for the environment in which you are testing.</p> <p>To view instructions for creating and managing SenderComp IDs see:</p> <ul style="list-style-type: none"> <li>- <a href="#">Futures and Options</a></li> <li>- <a href="#">BrokerTec</a></li> <li>- <a href="#">EBS</a></li> </ul> </div>								

Field/Name	Description
	<p>SenderComp : (Select any Sendercomp ID, not impact your results)</p> <p>Case      Post Certification</p> <p>Futures</p> <p>Futures and Spreads</p> <p>Options</p> <p>Select SenderComp</p> <p>Select SenderComp</p> <p>603MSGN-DROPCOPY-MSGW</p> <p>3Q0004-ILINK-CGW</p> <p>4S9789-ILINK-CGW</p> <p>7C9111-ILINK-CGW</p> <p>OAVAAAN-DROPCOPY-CGW</p> <p>M8D004-ILINK-MSGW</p> <p>M8T111-ILINK-MSGW</p> <p>MDB111-ILINK-MSGW</p> <p>2B8785-ILINK-CGW</p> <p>601MSGN-DROPCOPY-MSGW</p> <p>3W9123-ILINK-CGW</p> <p>OATAAAAN-DROPCOPY-CGW</p> <p><b>ASSIGN</b></p> <p>Users can unassign and <b>reassign</b> a SenderCompID by clicking the button that accompanies the SenderCompID.</p> <p>SenderComp : <input type="button" value="Select SenderComp"/> <b>ASSIGN</b></p> <p><b>M8T111</b> <b>UNASSIGN</b></p>
Start Test	Starts or restarts test.
	<p><b>Note:</b> DO NOT click <b>START TEST</b> once the test is in progress.</p>
Status	<p>Status includes: Completed, Not Tested, Pending, and Failed.</p> <p>Status</p> <p>Complete</p> <p>Complete</p> <p>Not Tested</p> <p>Pending</p>
Test Case	Tab that displays the test's purpose, steps, and status.
	<p>Interview      Test Suite      <b>Test Case</b>      Post Certification      Help</p>
Test Suite Menu	Drop-down menu of test suites available.

Field/Name	Description																																													
	<p>Application System: CDS - Automated Trading System 1.0 N/A</p> <p>TestSuite: Select a TestSuite</p> <p>Select a TestSuite</p> <p>Audit Trail</p> <p>Client Systems Security Ecosystem</p> <p>CME Globex API Secure Logon</p> <p>Drop Copy 4.0</p> <p>iLink 2.x</p> <p>iLink CGW Failover Enhancement</p> <p>Margin Api</p> <p>MDP 3.0</p> <p>RMI API</p> <p>Streamlined SBE Block Trade</p> <p>Streamlined SBE Equity Indices</p> <p>Streamlined SBE Eris Exchange</p> <p>Streamlined SBE OTC end of day</p>																																													
Test Suite Tab	<p>Tab that displays the test cases that make up the test. Indicates the status of each test and whether it is mandatory or optional.</p> <p>You can sort the test cases by the Status and Mandatory/Optional columns.</p>  <table border="1"> <thead> <tr> <th>Test Case</th> <th>Retest</th> <th>Flag</th> <th>Status</th> <th>Mandatory/Optional</th> </tr> </thead> <tbody> <tr> <td><a href="#">Security Definition Messages For Futures</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Optional</td> </tr> <tr> <td><a href="#">Security Definition Messages For Futures and Spreads</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Mandatory</td> </tr> <tr> <td><a href="#">Security Definition Messages For Options</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Optional</td> </tr> <tr> <td><a href="#">Security Definition Messages For Options and Spreads</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Optional</td> </tr> <tr> <td><a href="#">UDS Instrument Deletion</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Optional</td> </tr> <tr> <td><a href="#">Request For Quote Message</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Mandatory</td> </tr> <tr> <td><a href="#">Book Management Messages for Market by Price (outrights only)</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Mandatory</td> </tr> <tr> <td><a href="#">Book Management Messages for Market by Order</a></td> <td></td> <td></td> <td>Not Tested</td> <td>Mandatory</td> </tr> </tbody> </table>	Test Case	Retest	Flag	Status	Mandatory/Optional	<a href="#">Security Definition Messages For Futures</a>			Not Tested	Optional	<a href="#">Security Definition Messages For Futures and Spreads</a>			Not Tested	Mandatory	<a href="#">Security Definition Messages For Options</a>			Not Tested	Optional	<a href="#">Security Definition Messages For Options and Spreads</a>			Not Tested	Optional	<a href="#">UDS Instrument Deletion</a>			Not Tested	Optional	<a href="#">Request For Quote Message</a>			Not Tested	Mandatory	<a href="#">Book Management Messages for Market by Price (outrights only)</a>			Not Tested	Mandatory	<a href="#">Book Management Messages for Market by Order</a>			Not Tested	Mandatory
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Test Suite Status	<p>Displays the status for the pre-certification interview and the test suite.</p> <p>Test Suite Status:</p> <p>Pre-Certification Interview: <span style="color: red;">Not Complete</span></p> <p>Test Suite Status: <span style="color: red;">Not Tested</span></p>																																													
Type	<p>Displays the type of application system. See: <a href="https://www.cmegroup.com/tools-information/webhelp/cme-request-center-nr-cert/Content/types.html">https://www.cmegroup.com/tools-information/webhelp/cme-request-center-nr-cert/Content/types.html</a>.</p>																																													

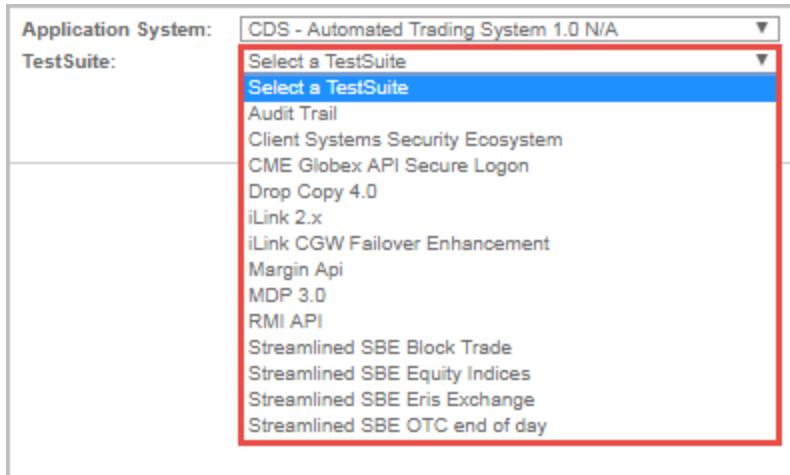
## Filling Out an Interview

The pre-certification interview determines which tests are included in the test suite and which tests are mandatory and optional.

**Note:** You cannot access test suites and test cases until the completion of the interview.

### To fill out an interview:

1. On the AutoCert+ screen, select the appropriate Test Suite from the drop-down menu.



The screenshot shows a dropdown menu for 'TestSuite' with a list of options. The 'Select a TestSuite' option is highlighted with a red box. Other options listed include: Audit Trail, Client Systems Security Ecosystem, CME Globex API Secure Logon, Drop Copy 4.0, iLink 2.x, iLink CGW Failover Enhancement, Margin Api, MDP 3.0, RMI API, Streamlined SBE Block Trade, Streamlined SBE Equity Indices, Streamlined SBE Eris Exchange, and Streamlined SBE OTC end of day.

The appropriate interview screen appears for the selected Test Suite.

The Test Suite Status box contains the current status of the pre-certification interview and test suite.



The screenshot shows the 'Current Testing Configuration' screen. In the 'Test Suite Status' section, it displays 'Pre-Certification Interview: Not Complete' and 'Test Suite Status: Not Tested'. The 'Test Suite Status' box is highlighted with a red box.

2. Select the answers that best describe your system's functionality.

**Note:** All questions must be answered for the test suite and test cases to be available.

Interview    Test Suite    Test Case    Post Certification    Help

Which of the following ones does your application support?

Market by Price  
 Market by Order

What types of instruments does your application use?

Futures  
 Options

What types of products does your system support?

Interest Rate  
 Energy  
 Equity  
 FX  
 Commodity

Does your application process market data messages for spread instruments?

Yes  
 No

Does your application update settlement price information during the week?

Yes  
 No

Does your system support implied markets?

Yes  
 No

**Complete**

3. Click **Complete** at the bottom of the Interview screen.

The Pre-Certification Interview status changes to Complete, activating the Test Suite and Test Case tabs.

Current Testing Configuration

Tester:   
 Company Name:   
 Market:   
 Purpose:   
 Application System:   
 Test Suite:

Sendercomp:  **ASSIGN**  
(Select any Sendercomp ID. This selection is necessary for the test to function, but will not impact your results)

Type:   
 Category:   
 1663:   
 1664:   
 1665:

Test Suite Status:

Pre-Certification Interview	<b>Complete</b>
Test Suite Status	<b>Not Tested</b>

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

MDP 3.0 Certification Tests	Retest	Flag	Status	Mandatory/Optional
Security Definition Messages For Futures	<input type="radio"/>	<input type="radio"/>	Not Tested	Optional
Security Definition Messages For Futures and Spreads	<input type="radio"/>	<input type="radio"/>	Not Tested	Mandatory
Security Definition Messages For Options	<input type="radio"/>	<input type="radio"/>	Not Tested	Optional
Security Definition Messages For Options and Spreads	<input type="radio"/>	<input type="radio"/>	Not Tested	Optional
UDS Instrument Deletion	<input type="radio"/>	<input type="radio"/>	Not Tested	Optional

4. Click the appropriate certification test link to begin testing.

## Certification Dedicated Instruments

The AutoCert+ Market Data Platform and iLink 2.x Order Entry processes use “Dummy Contracts” or “Certification Dedicated Instruments” during the certification process. When running a test case, you must select an instrument.

The instrument sets presented in the drop-down menu are based on the answers that you provided in the interview.

**Steps of the test: Security Definition Messages For Futures and Spreads**

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 verify that your application can properly receive and process Security Definition Messages.

Contracts :	Select Contract - Channel	Select
	0ZWL8,0ZWK0,0ZWU8-0ZWK0 - 943 0ZCK8,0ZCH9,0ZCK8-0ZCH9 - 942 0ZWU8,4ZWK0,4ZWU8-4ZWK0 - 944 1ZCH8,1ZCU9,1ZCH8-1ZCU9 - 941	
Description	Future Security Definition Message.	Flag Status
1   Confirm that your application Date/Time format should be d		Not Tested

Once selected, these instruments are locked and cannot be used by other users.

**Steps of the test: Security Definition Messages For Futures and Spreads**

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 verify that your application can properly receive and process Security Definition Messages.

Selected Contract :	0ZWU8,0ZWK0,0ZWU8-0ZWK0 - 943	Unlock
Category	IP	Port
Incremental Feed A	233.158.8.127	17943
Incremental Feed B	224.0.25.41	18943
Snapshot MBP	233.158.8.127	19943
Snapshot MBO	224.0.25.173	21943
Instrument Replay	233.158.8.127	16943

These instruments are certification-dedicated contracts that are not present in production but have all characteristics of production instruments, with the exception of their security description and their symbol. Each set of instruments is associated with a Market Data Platform channel dedicated to certification. It is strongly recommended that you “listen” only to the channel of the instrument set that you selected. This allows, by isolating the market data messages from the rest of the environment, AutoCert+ to reproduce specific scenarios and validate that your system properly processes all events in these scenarios.

**Note:** After a specified period of time without activity in AutoCert+, the certification-dedicated instruments will be released. If you want to continue testing and certifying Market Data Platform or iLink 2.X on AutoCert+, you will have to go through the same process mentioned above and select a new set of instruments which may be different than the previously selected set.

Note that for the recovery tests, additional certification-dedicated instruments may be introduced by AutoCert+ on the channel to which you are listening.

# Certification Testing

The appropriate certification test links are available after completing the interview. The Status column indicates whether a test has not been performed (not tested), completed, pending, or failed.

See also: [Troubleshooting Tips](#)

## ► To run a certification test:

1. Click a test link.

The test case appears, listing the purpose, description, and status of the test.

2. Select a SenderComp and click **ASSIGN**.

**Note:** If there are no SenderCompIDs listed, create a SenderComp (GFID + Order Entry Session ID + [Fault Tolerance Indicator](#)) for the environment in which you are testing. A separate SenderCompID is required for New Release environment and Certification environment.

To view instructions for creating and managing SenderComp IDs see:

- [Futures and Options](#)
- [BrokerTec](#)
- [EBS](#)

Before the test is started, a different SenderCompID can be unassigned and another re-assgined.

SenderComp :	M8T111	UNASSIGN
(Select any Sendercomp ID. This selection is necessary for the test to function, but will not impact your results)		

- a. Select **Unassign**.
- b. Select a new SenderCompID.
- c. Click **Assign**.

3. Select a contract and click **Select**.

**Note:** Once selected, these instruments are locked and cannot be used by other users.

Contracts :	Select Contract - Channel	Select
Description <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;">             0ZWU8,0ZWKO,0ZWU8-0ZWKO - 943              0ZCK8,0ZCH9,0ZCK8-0ZCH9 - 942              4ZWU8,4ZWKO,4ZWU8-4ZWKO - 944              1ZCH8,1ZCU9,1ZCH8-1ZCU9 - 941           </div>		

4. The status column indicates whether a test has not been performed (not tested), complete, pending, or failed.

**Note:** You can now perform the test in your certification environment using the session ID you were provided.

5. Click **START TEST**.

**Note:** DO NOT click **START TEST** once the test is in progress.

Selected Contract : 0ZWU8,0ZWKO,0ZWU8-0ZWKO - 943	Unlock																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Category</th> <th style="width: 30%;">IP</th> <th style="width: 40%;">Port</th> </tr> </thead> <tbody> <tr> <td>Incremental Feed A</td> <td>233.158.8.127</td> <td>17943</td> </tr> <tr> <td>Incremental Feed B</td> <td>224.0.25.41</td> <td>18943</td> </tr> <tr> <td>Snapshot MBP</td> <td>233.158.8.127</td> <td>19943</td> </tr> <tr> <td>Snapshot MBO</td> <td>224.0.25.173</td> <td>21943</td> </tr> <tr> <td>Instrument Replay</td> <td>233.158.8.127</td> <td>16943</td> </tr> </tbody> </table>		Category	IP	Port	Incremental Feed A	233.158.8.127	17943	Incremental Feed B	224.0.25.41	18943	Snapshot MBP	233.158.8.127	19943	Snapshot MBO	224.0.25.173	21943	Instrument Replay	233.158.8.127	16943
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Snapshot MBO	224.0.25.173	21943																	
Instrument Replay	233.158.8.127	16943																	
<small>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.</small>																			
<input style="background-color: #ff9900; color: white; border: 1px solid #ff9900; padding: 2px 10px; font-weight: bold; border-radius: 5px;" type="button" value="START TEST"/>																			

6. Next to each step in the test case, you can click the flag to view the log information for that step.

Description		Flag	Status
1	Confirm that your application successfully received and processed the Future Security Definition Message. Date/Time format should be entered as: YYYYMMDD hhmm		Complete
2	Confirm that your application successfully received and processed the Spread Security Definition Message. Date/Time format should be entered as: YYYYMMDD hhmm		Complete

Key: not tested complete pending failed

**REFRESH**

The log information appears.

2010-03-29 10:17:45.577			
Message Details :			
Tag	Name	Value	Analysis
1	Account	123456	
8	BeginString	FIX.4.2	
9	BodyLength	247	
10	CheckSum	147	
11	ClOrdID	ORD6169975561700	
21	HandlInst	1	
34	MsgSeqNum	11	
35	MessageType	D	
38	OrderQty	2	
40	OrdType	2	
43	PossDupFlag	N	
44	Price	100	
49	SenderComplID	J05004N	
50	SenderSubID	004	
52	SendingTime	20100329-15:17:45.230	
54	Side	1	
55	Symbol	CS	
56	TargetComplID	CME	
57	TargetSubID	G	
59	TimelInForce	0	
60	TransactTime	20100329-15:17:45.230	
77	OpenClose	O	
97	PossResend	N	
107	SecurityDesc	BR:WINM10	
109	ClientID	230	
142	SenderLocationID	004	
167	SecurityType	FOR	
204	CustomerOrFirm	1	

**Note:** If a test is not proceeding to the next step, clicking the **Refresh** button (**REFRESH**) below the test steps may resolve the issue.

After a certification test has been attempted, you can retest it by clicking the **Retest** button. Choosing this option overwrites the current test results.

## Troubleshooting Tips

See the sections below for troubleshooting tips.

### Changing the Contract

- Selecting a different contract in the drop-down menu after a test is completed does not change the status of that test.

### Running a Test

- For the iLink and Drop Copy test suites, unless the test specifies that you should log on, you should already be logged on and successfully heartbeating (no resend, no test requests) prior to clicking **Start Test**.
- If a test is not proceeding to the next step, clicking the **Refresh** button () below the test steps may resolve the issue.

## Post Certification Interview

Once you have completed the AutoCert+ [interview](#) and [certification testing](#) processes, you must complete the Post Certification Interview. The Post Certification Interview allows you to provide feedback and input on your experience with the AutoCert+ environment.

### To complete the Post Certification Interview:

After the test suite and test cases have been completed, the Post Certification tab becomes available.

1. Answer the questions by selecting a value from 1 to 5, with 1 representing a very negative experience and 5 representing a very positive experience.

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

**Were you satisfied with your overall experience using AutoCert+? (5 means best)**

1  2  3  4  5

Comments:

**Were you satisfied with AutoCert+ online documentation? (5 means best)**

1  2  3  4  5  N/A

Comments:

**Did you experience any issues configuring your application to interact with AutoCert+? (5 means best)**

1  2  3  4  5

Comments:

**Were you satisfied with the feedback from the AutoCert+ tool during the testing process? (5 means best)**

1  2  3  4  5

Comments:

**Did you find the AutoCert+ interface intuitive? (5 means best)**

1  2  3  4  5

Comments:

**Were you satisfied with the customer support provided by CSET? (5 means best)**

1  2  3  4  5  N/A

Comments:

**How does the CME certification process compare to other exchange's certification processes? (5 means best)**

1  2  3  4  5  N/A

Comments:

**Complete**

**Note:** The Post Certification entries will not be saved until all questions are answered and the **Complete** button has been clicked.

2. After answering all questions, click **Complete**.