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**ICE Trade Vault - FIA Disaster Recovery Test Cases**

**October 24th, 2020**

ICE Trade Vault Applications

## This document provides a detailed outline of test cases that can be performed for each application we support and the various methods supported to carry out key actions. For participating clients, please leverage your existing production credentials to access the same URLs you do via GUI or API for Production environment access. No additional configuration is required to participate and carry out these test scripts. Participating clients should only concentrate on the specific sections notated below as it pertains to their business workflow in place for eConfirm / Trade Vault applications (i.e. if you do not utilize our API then there is no need to test via API). Questions and concerns should be raised to tradevaultsupport@theice.com.

##  GUI

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| TEST CASE ACTION | TEST CASE | TEST PROVES | RESULTS (P/F) | TESTER/NOTES |
| ICE Trade Vault Homepage | Access ICE Trade Vault front-end URL: [www.icetradevault.com](http://www.icetradevault.com) and login with production credentials.  | Validates that the application is up and accessible and can communicate with SSO |  |  |
| eConfirm GUI | Launch eConfirm from the Menu dropdown and navigate thru various tabs within the application executing query searches or extracting exports. This includes:1. Confirm Summary tab export(s)
2. Product Guide export(s)
3. Failure Log export(s)
 | Validates client can successfully access GUI without connection issues and can execute actions in GUI without delay or issue.  |  |  |
| Trade Vault US GUI Trade Vault CA GUITrade Vault EMIR GUITrade Vault RRM GUI | Access ICE Trade Vault front-end URL: [www.icetradevault.com](http://www.icetradevault.com) and login with production credentials. Launch a Trade Vault silo from the Menu dropdown and navigate thru various tabs within the application executing query searches or extracting exports. | Validates that the application is up and accessible and either methods of submission (Trade Entry, File Upload, API) support reporting trades to a given TV repository.  |  |  |
| eConfirm File Upload | Access ICE Trade Vault front-end URL: [www.icetradevault.com](http://www.icetradevault.com) and login with production credentials. Launch eConfirm and navigate to the ‘File Upload’ tab in Data Submission to submit your .TXT or .CSV allowing you to submit deals to eConfirm.  | Validates that the application is up and accessible and the File Upload method is supported via GUI. |  |  |
| eConfirm Trade Entry | Access ICE Trade Vault front-end URL: [www.icetradevault.com](http://www.icetradevault.com) and login with production credentials. Launch eConfirm and navigate to the ‘Trade Entry’ tab to manually enter the economic terms under a selected EC Product ID within the GUI for each trade you are looking to submit.  | Validates that the application is up and accessible and the Trade Entry method is supported via GUI. |  |  |
| eConfirm Default Values | Access ICE Trade Vault front-end URL: [www.icetradevault.com](http://www.icetradevault.com) and login with production credentials. Launch eConfirm and navigate to the Default Values tab to create a Default Value for a field at a CP or Product level.  | Validates UI can communicate with database and create /update in real time. |  |  |
| eConfirm Data Mappings | Access ICE Trade Vault front-end URL: [www.icetradevault.com](http://www.icetradevault.com) and login with production credentials. Launch eConfirm and navigate to the Data Mappings tab to create a Data mapping for a field at a CP or Product level.  | Validates UI can communicate with database and create /update in real time. |  |  |

##  API

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| TEST CASE ACTION | TEST CASE | TEST PROVES | RESULTS (P/F) | TESTER/NOTES |
| REST GET Token (authenticate) | Establish your SSL connection to our server and execute this API call to establish a server-to-server connectivity.  | Proves that the client’s application can successfully communicate and connect to ICE allowing for retrieval of Session Tokens that can be used for the execution of subsequent calls.  |  |  |
| REST submit | Once your session tokens are returned via getToken, execute this API operation to submit a trade via an XML file. The XML payload can contain one trade or a batch of trades, contingent on what method you’ve implemented to automate your submissions.  | Validates that client can maintain an open and active API session and our system parsed the submission to verify if can be stored in eConfirm. Also validates TV routing for reportable trades and business processes are enabled |  |  |
| REST API calls against eConfirm platform1. REST Failure Messages
2. REST Trade Status
3. REST Alleged Trades
4. REST Unmatched Trades
5. REST Product Guide
6. REST Trade Details Query
 | Execute your daily eConfirm API workflow, if any, that contains **one or more** of the following calls compiled in this test case for the eConfirm application.  | Validates if the client can maintain an active session and carry out their normal day-to-day API workflow. Validates that the system is returning a proper response as expected and no issues in generating the response.  |  |  |
| REST Trade Vault US/CA API Calls1. TVUS-TVCA Failure Messages Query
2. REST Open Trades Query
3. REST Open Positions Query
4. REST Submit Valuations (US/CA)
 | Execute your daily TVAPI workflow for Trade Vault, if any, that contains **one or more** of the following calls compiled in this test case for the Trade Vault US and CA applications. | Validates if the client can maintain an active session and carry out their normal day-to-day API workflow. Validates that the system is returning a proper response as expected and no issues in generating the response.  |  |  |
| Rest Trade Vault EMIR Queries1. TV-EMIR Failure Messages Query
2. REST Open Transaction Details Query
3. Valuations Needed Query
 | Execute your daily EMIR API workflow, if any, that contains **one or more** of the following calls compiled in this test case for the Trade Vault EMIR applications. | Validates if the client can maintain an active session and carry out their normal day-to-day API workflow. Validates that the system is returning a proper response as expected and no issues in generating the response.  |  |  |