
DTCC Application Data Tool Enhancement

FIRELIGHT BASE



Platform

DTCC APPLICATION DATA TOOL ENHANCEMENT

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Insurance Technologies, LLC

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iConnect 243570 Design Approach - DTCC Application Data Tool Enhancements

Project Overview

For this enhancement, we will need to add a new row showing the confirmation that the DTCC has received the transmission of the App/Sub applications. The confirmation will always show even if the DTCC rejects the App/Sub. The confirmation field will provide the user greater detail into if and when the DTCC has received the transmission, and will also let the user be able to troubleshoot at a better quality. We'll also be adding in an additional row to always show the App/Sub (whether the response has been rejected or successful) to allow the user greater troubleshooting capabilities.

In addition to this row being added, we will also want to provide the application data tool in the Production environment, excluding the View and Download buttons, as to avoid PI information being shared.

Impacts:

Application Data Tool - Adding in the new Confirmation and App/Sub rows

Showing the Application data tool in Production, excluding the View and Download buttons to avoid PI information being shared

1 Add a confirmation that the Files have been received in Application Data tool

In the Application Data tool, we need to add a confirmation on the request, letting the user know that the files have been received by the DTCC.

This confirmation will be viewable, and will also be able to be downloaded upon viewing. This will only show the Header, and will replace the Transmission type.

A Successful transmission will show the status as follows: Pending, Transmitted, Accepted, and Success. The Success button will not need to be added as it will show the same App/Sub as the "View App/Sub" button.

Type	Timestamp	Status	
Request	3/29/2021 10:07:48 PM	Pending	
Transmission	3/29/2021 10:55:00 PM	Transmission	
Response	3/30/2021 3:55:00 PM	Accepted	
Request	3/30/2021 6:00:00 PM	Success	View

A Rejected transmission will show the status as follows: Pending, Transmitted, Rejected, Transmitted, Transmission Accepted, and Success, NOTE: The "transmitted, Accepted/Rejected, etc. will continue as many times as needed until a successful transmission occurs. We will want a View button on the Reject so the user can troubleshoot the issue.

Type	Timestamp	Status	
Request	3/29/2021 10:07:48 PM	Pending	
Transmission	3/29/2021 10:55:00 PM	Transmission	
Response	3/30/2021 3:55:00 PM	Accepted	
Request	3/30/2021 6:00:00 PM	Rejected	View
Request	4/6/2021 8:20:00 PM	Transmitted	View
Request	4/6/2021 8:50:00 PM	Accepted	
Response	4/13/2021 9:45:58 PM	Success	View

In the case that an application cannot be Transmission Accepted, the Confirmation response will show "Transmission Rejected". The Confirmation field will show only "Accepted" or "Rejected" or will be blank until either Accepted or Rejected is determined.

Type	Timestamp	Status	
Request	8/31/2020 11:00:32 PM	Pending	
Request	8/31/2020 11:29:59 PM	Transmitted	
Response	8/31/2020 11:30:00 PM	Rejected	View

This confirmation will be added to ALL environments: QE, UAT, Staging, and Production.

Acceptance Criteria

- A confirmation will be added to the table showing that the request type has been Accepted at the DTCC
- The Confirm will have a timestamp
- The order of a successful transmission will be: Pending, Transmitted, Accepted, and Success
- The order of a rejected transmission will be: Pending, Transmitted, Transmission Rejected, transmitted, Transmission Accepted, and success. The transmitted, Accepted/Rejected, etc can occur multiple times until a success happens.
- A rejected response will have a view button to help user troubleshoot the issue.
- The confirm header will be viewable, and downloadable as a txt file upon viewing
- Only the latest confirmation will be viewable and downloadable. Any previous confirmations will show type, timestamp, and status, but not a viewable file.
- The Confirmation response field will show either Accepted or Rejected or will be blank until the response is received by the DTCC
- Confirmation will be visible in all environments: QE, UAT, Staging, and Production
- Confirmation status view button will not show for Production (Story 20754)
- AppSub will always be viewable, either when a successful or rejected transmission occurs (Story 20753)

2 Add Confirmation Row into Support Tool

The confirmation row will need to be added into the Support tool for troubleshooting purposes.

A Successful transmission will show the status as follows: Pending, Transmitted, Accepted, Success and MSDF Received.

DTCC Info			
Desc	Map Code	Status	Options
	6407ABCO40120216541	Pending	None
Ready To Transmit	6407ABCO40120216541	Pending	None
	6407ABCO40120216541	Transmitted	None
	6407ABCO40120216541	Accepted	None
	6407ABCO40120216541	Success	None
	6407ABCO40120216541	MSDFFileReceived	None

A Rejected transmission will show the status as follows: Pending, Transmitted, Rejected, Transmitted, Accepted, Success, and MSDF Received. NOTE: The "transmitted, Accepted/Rejected, etc. will continue as many times as needed until a successful transmission occurs.

DTCC Info			
Desc	Map Code	Status	Options
	6407ABCO40120216541	Pending	None
Ready To Transmit	6407ABCO40120216541	Pending	None
	6407ABCO40120216541	Transmitted	None
	6407ABCO40120216541	Rejected	None
	6407ABCO40120216541	Transmitted	None
	6407ABCO40120216541	Success	None
	6407ABCO40120216541	MSDFFileReceived	None

The details button will show the details of each file, either the App/Sub file, exceptions, or the datatrax of each file. The details will show for either a rejection or a successful transmission.

In the case that an application cannot be confirmed, the Confirmation response will show "Rejected". The Confirmation field will show only "Accepted" or "Rejected" or will be blank until either accepted or rejected is determined.

This will show for all environments: QE, UAT, Staging, and Production.

Acceptance Criteria

- A confirmation row will show in the support tool for all DTCC Submitted cases.
- A Successful transmission will show the status Pending, Transmitted, Accepted, Success and MSDF Received.

- A Rejected transmission will show the status Pending, Transmitted, Rejected, Pending, Transmitted, Transmission Accepted, Success, and MSDF Received. The pattern of pending, transmitted, Accepted/Rejected, can occur multiple times until a successful response occurs.
- When an application isn't confirmed, the Confirmation response will show "Rejected". The Confirmation field will show only "Accepted" or "Rejected" or will be blank until either accepted or rejected is determined.
- The confirmation will show in all environments
- The details button will show details of each phase of the application: app/sub file, exceptions, data trax files, etc.

3 Add Application Data Tool to Production but remove View buttons

We need to add the Application Data Tool to the Production environment so our clients can see what may be occurring with the AppSub files. For this, we will need to make the Groups Section under DeBugging Tools Visible: Enable Viewing of Application Data

The Application Data Tool will show all information: Application Name, Application Control Number, Application ID, Distributor Code, Carrier Code, Request Type, Submission Status, and the Transmission table. This will allow users to be able to have a greater visibility into their DTCC files and allow them to determine if troubleshooting needs to occur with the DTCC or InsTech.

Production will not display the View buttons nor will it display the Download button as to protect PI information.

Type	Timestamp	Status	
Request	3/29/2021 10:07:48 PM	Pending	
Transmission	3/29/2021 10:55:00 PM	Transmission	
Response	3/30/2021 3:55:00 PM	Accepted	
Request	3/30/2021 6:00:00 PM	Success	

Acceptance Criteria

- Within a new UI section under Support, Application Data will show DTCC transmission details in Production
- This enhancement will show any App/Sub transmissions, and all associated statuses associated to that transmission: Success, Failure, Pending, Error

- The UI will show no data, but will allow the user to enter an application ID or App control number and select LOAD
- When an application ID or App control number is entered, the details of that case will display on the right. This will display the Application Name, Application Control number (which will show the DTI Number), Application GUID, Distributor Code, Carrier Code, Request Type, and Submission Status. This will also show the Request, Confirmation, or response Types in details with timestamps.
- The Table with the transmissions will show the following columns: Type, Timestamp (shown in chronological order), and Status (status of transmission). View will not display in Production.
- The Status of Confirmation can show the following statuses: Confirmed, N/A
- If Error is shown, it will be a hyperlink that if clicked will pop open a dialog box showing the error.
- Audit record to be listed in the Application Audit history (listed in story 17701)
- Can search for Application ID or Application Control Number that would be associated with the associated carrier or Distributor. A user will not be able to enter any application ID or application control number to any carrier or distributor.
- If a user enters in a wrong application ID or application Control Number is entered, then a message saying "Application ID or Application Control Number does not exist." will show on the right hand side of the screen.
- There will be a limit to the applications that can be seen through this tool. This will only show applications through the selling organization, and to the carrier organization. Any other application not associated to that selling organization or carrier organization will not be shown.
- Distributors viewing the application data will only be able to see the selling Organization of that distributor, but any carrier organization that has deployed products to that specific distributor (i.e. Distributor ABC will only see ABC's applications as the selling organization, but the carrier organization can belong to Carrier 123),
- Carriers viewing the application will show the selling organization as themselves, or any distributor that they have deployed to, and the carrier organization will be listed as that carrier (i.e. Distributor ABC can show as the selling organization, but the carrier org will always be Carrier 123)
- Selling organization and carrier organization can be the same (i.e. Carrier 123 could be the carrier organization and the selling organization)

4 DTCC: Add "View AppSub File" to Application Details

Add a new column to the Application Details section that will display the App/Sub after the request to the DTCC has started. This column will always have a view button as it will show the AppSub once the request to the DTCC has been implemented. A button will display in this column that will let the user view the AppSub which will be called "View AppSub File"

The AppSub will show if there is an error or if the AppSub transmission has been rejected

Application Data			
Application Details			
Application Name	gdtc	Carrier Code	ABC
Application Control Number	6407ABC01252021012	Request Type	Application
Application GUID	a086a32b-e5f0-4a18-87df-f3be4e10f48e	Submission Status	Success
Distributor Code	ABC	View AppSub File	

The AppSub will also show if a successful transmission occurs.

The AppSub file will NOT display in Production due to PI information.

Acceptance Criteria

- A column will display in the Application Details section that will show the AppSub after the request to the DTCC has been implemented
- The AppSub column will show a "View AppSub File" button that will display below the table once clicked.
- The AppSub column and view button will show at all times, including successful and rejected transmissions.
- The AppSub view button will only display in the Testing environments: QE, UAT, and Staging. The view button will not display in Production.