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CORENET X

User Guide for Checksum Validation of Approved Plans using NDS

Version 1.3

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1.1	21/10/2024	Added new functions	Chua Woo Hian
1.2	12/11/2024	Amended according to BCA feedback	Chua Woo Hian
1.3	18/11/2024	Amended according to BCA feedback	Chua Woo Hian

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1. Purpose of Document

The purpose of this document is to provide instructions and steps to perform validation of approved files with an approval PDF letter (List of Approved Plans) from CORENET X.

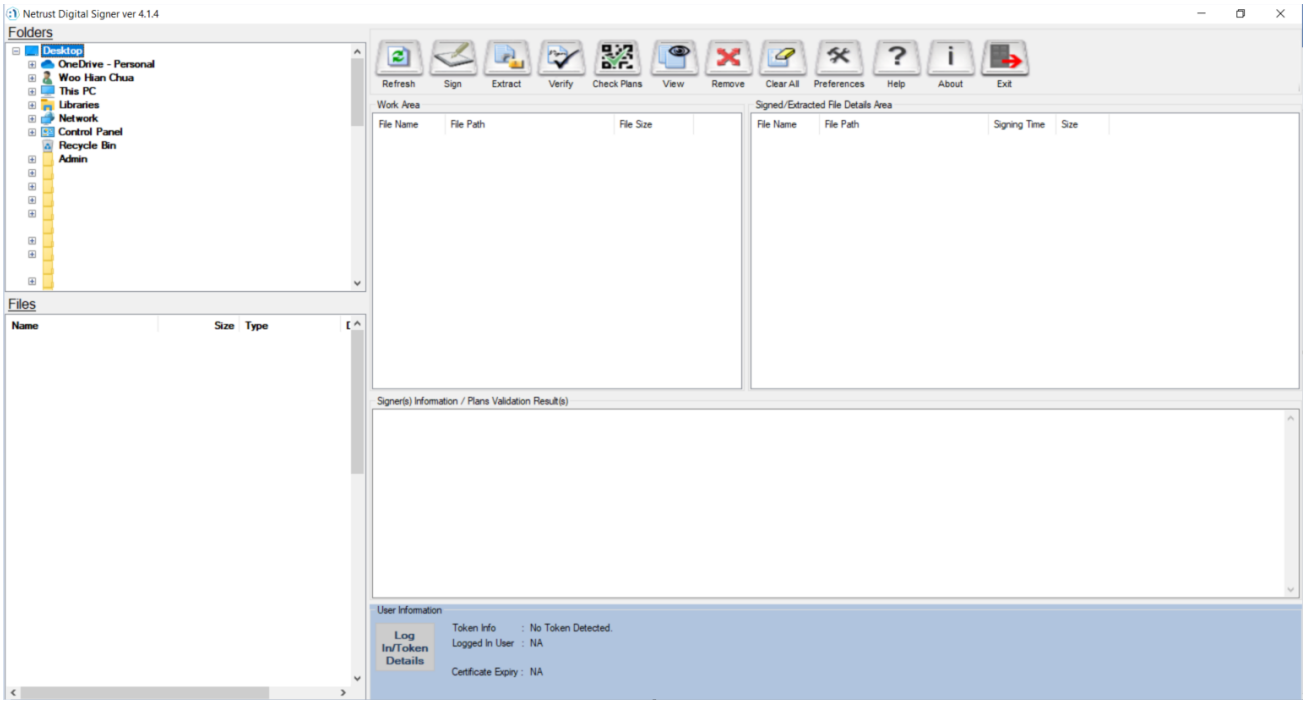
2. Prerequisites

This feature is only available on Netrust Digital Signer (NDS) version 4.1.4 and above.

In order to use these features, NDS requires the installation of Java 8 and above.

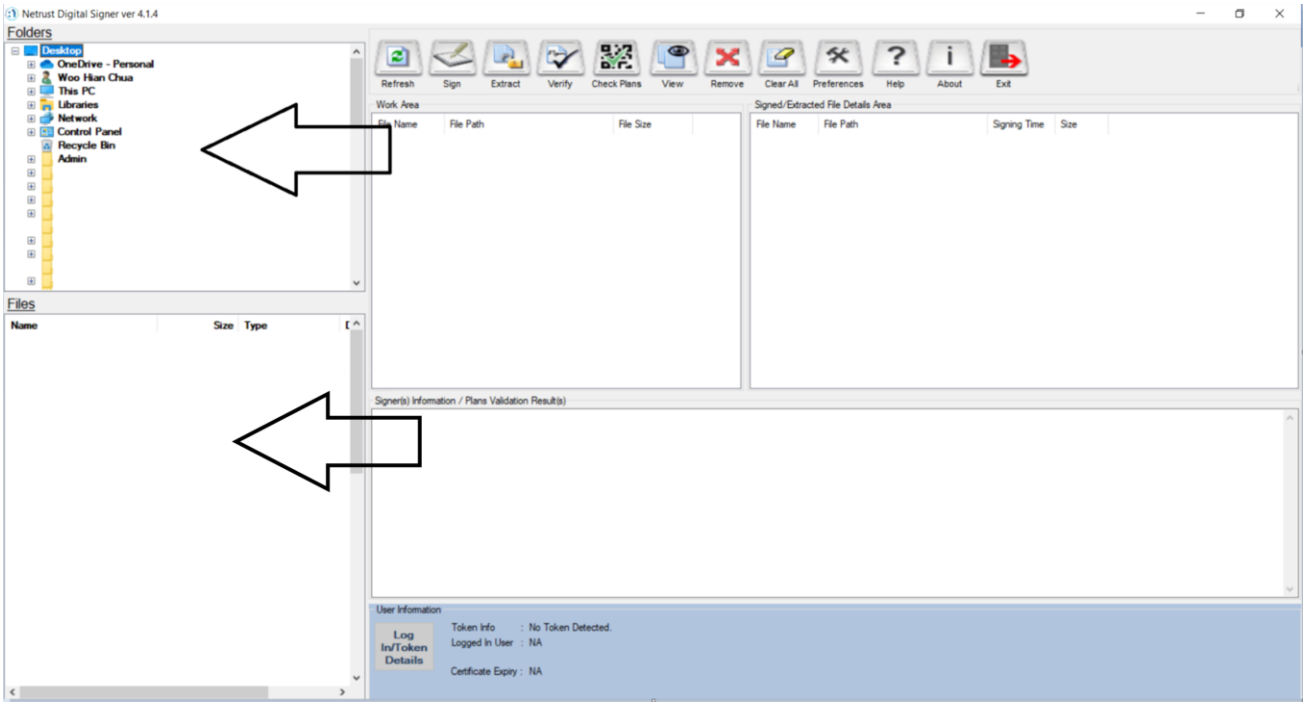
3. Steps to perform validation

3.1. Run the Netrust Digital Signer application

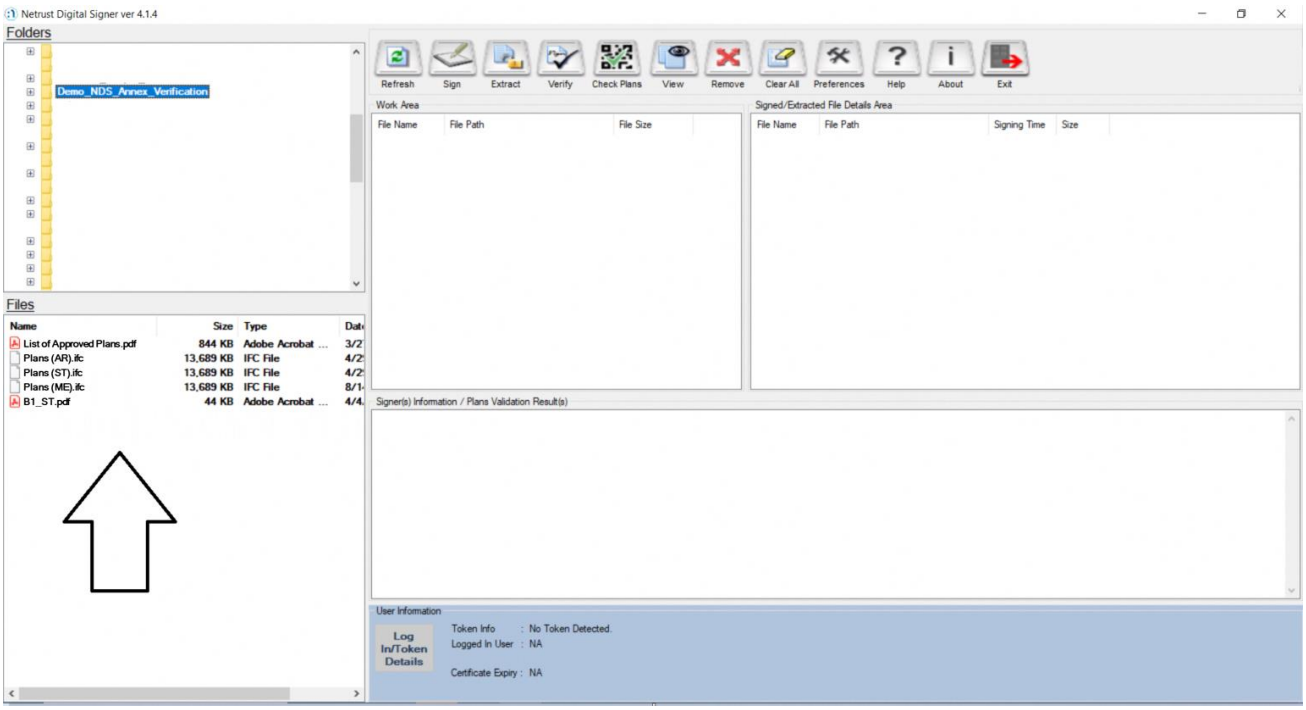


3.2. Navigate to the folder containing the files to be validated

Using the Folders and Files selection, navigate to the folder containing the files on the left side of the user interface.



Click on the desired folder and the files in the folder will appear under the files selection area.



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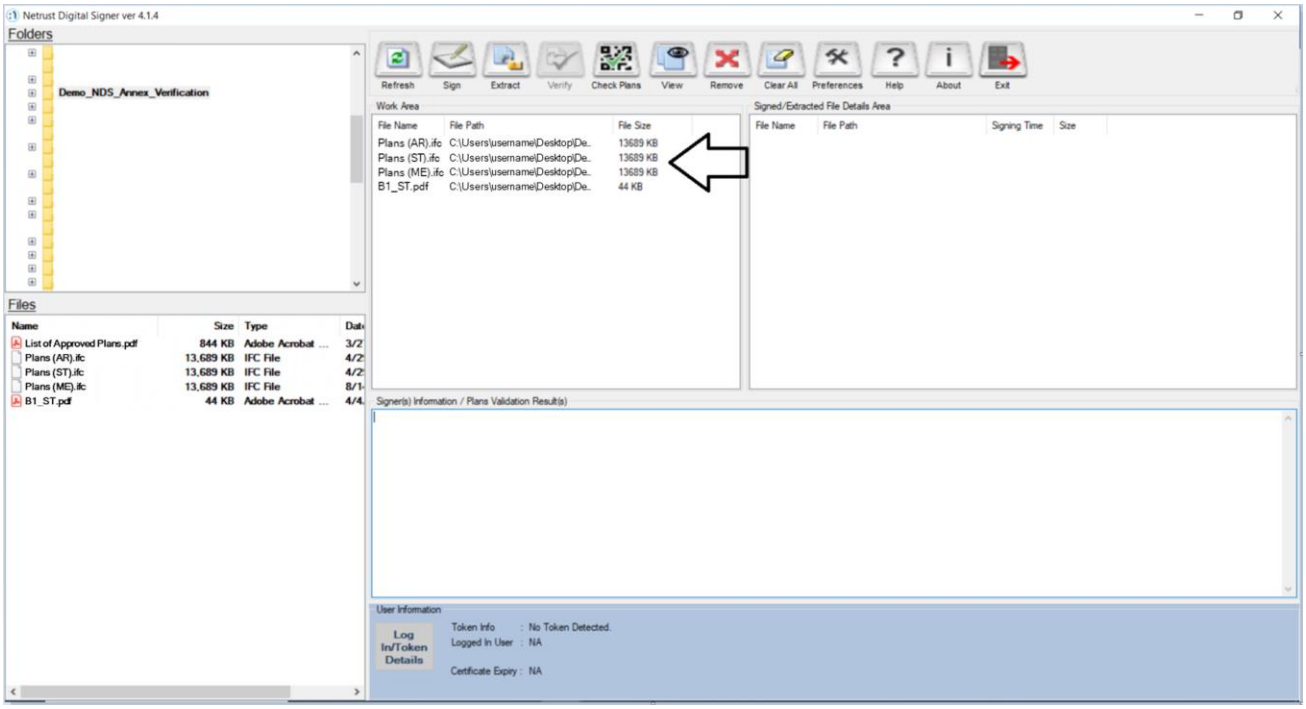
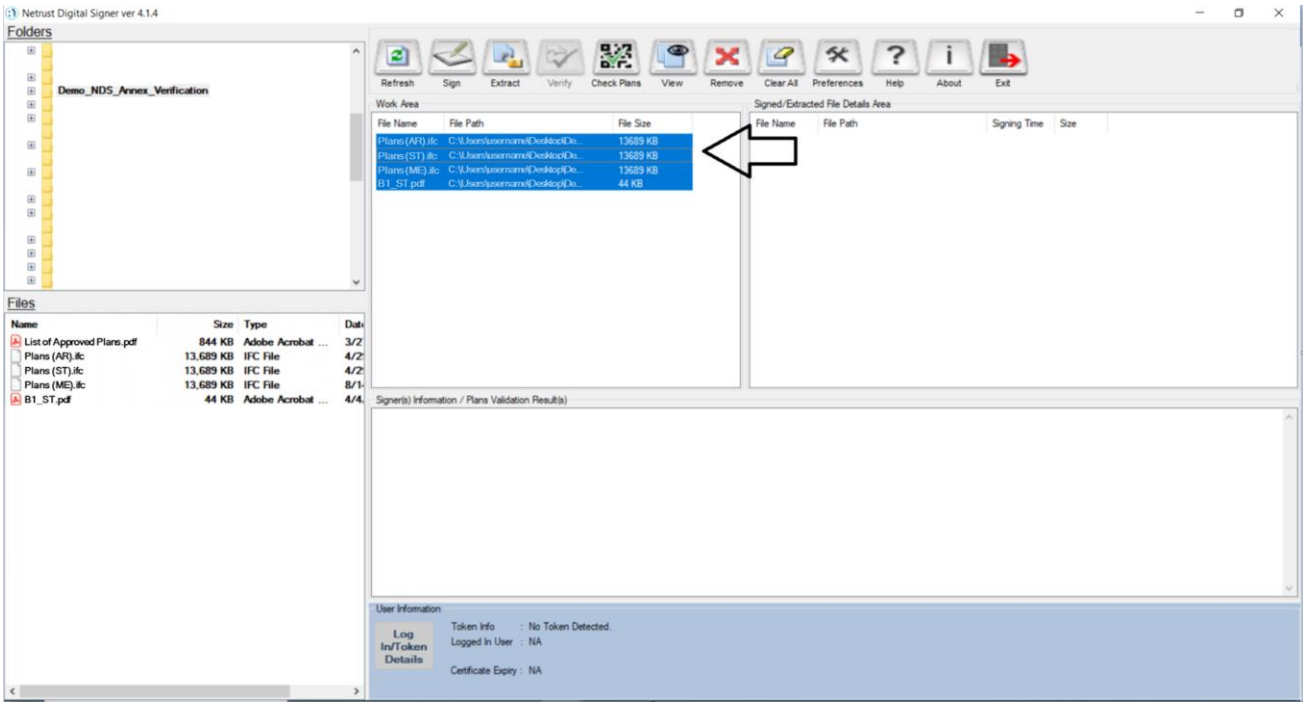
3.3. Adding the files to Work Area

Double click on the desired files in the files selection area to add them into the Work Area



3.4. Selecting the file(s) to be validated

Click on the desired file in the Work Area to perform validation on. You may validate up to 10 files at once. In order to validate multiple files, hold on to the CTRL button and click on the file in the work area to select multiple files.



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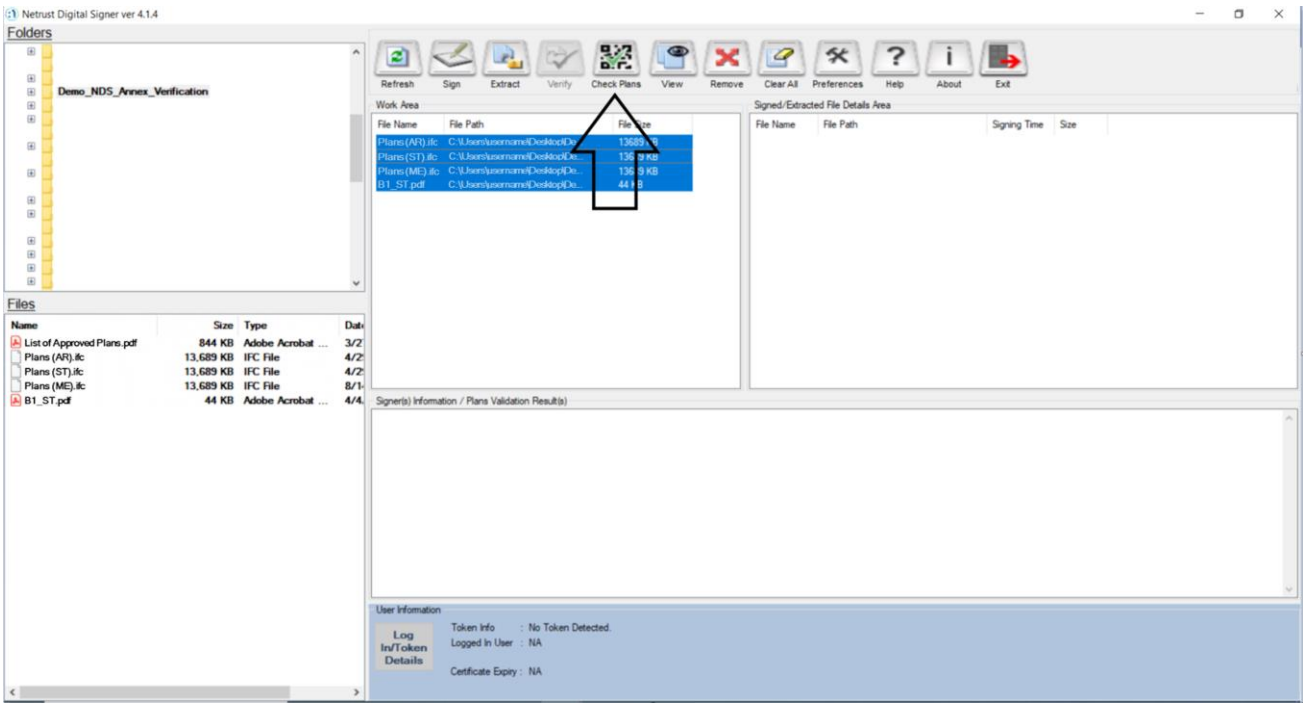
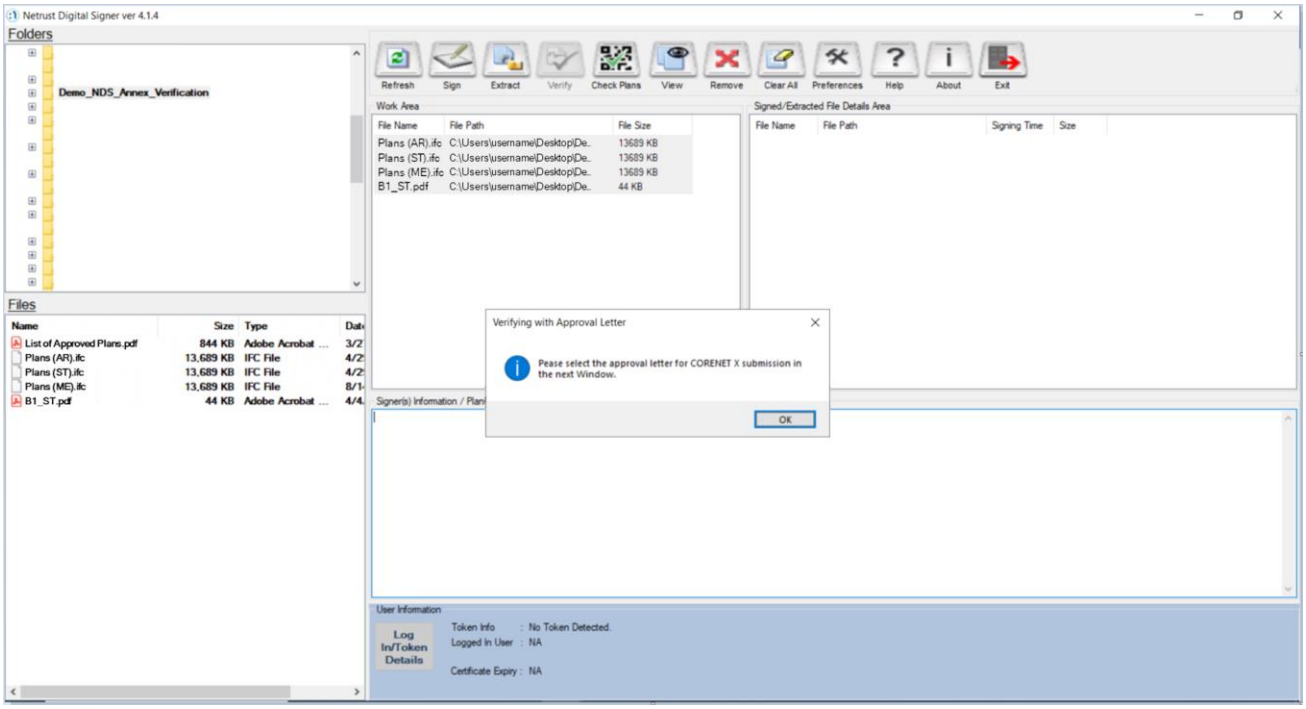
3.5. File(s) validation

After selecting the desired files to be validated, click on the “Check Plans” button.



Click on the OK button when prompted



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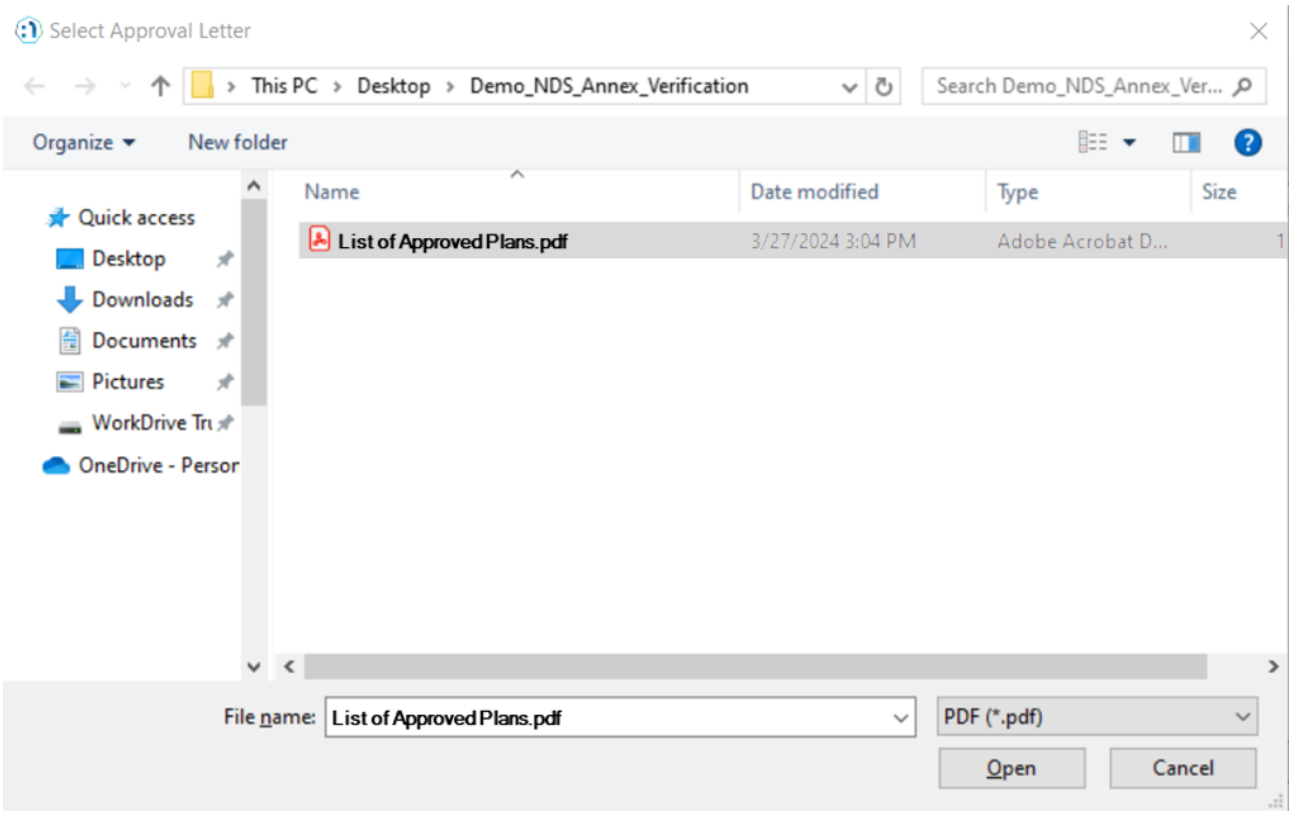
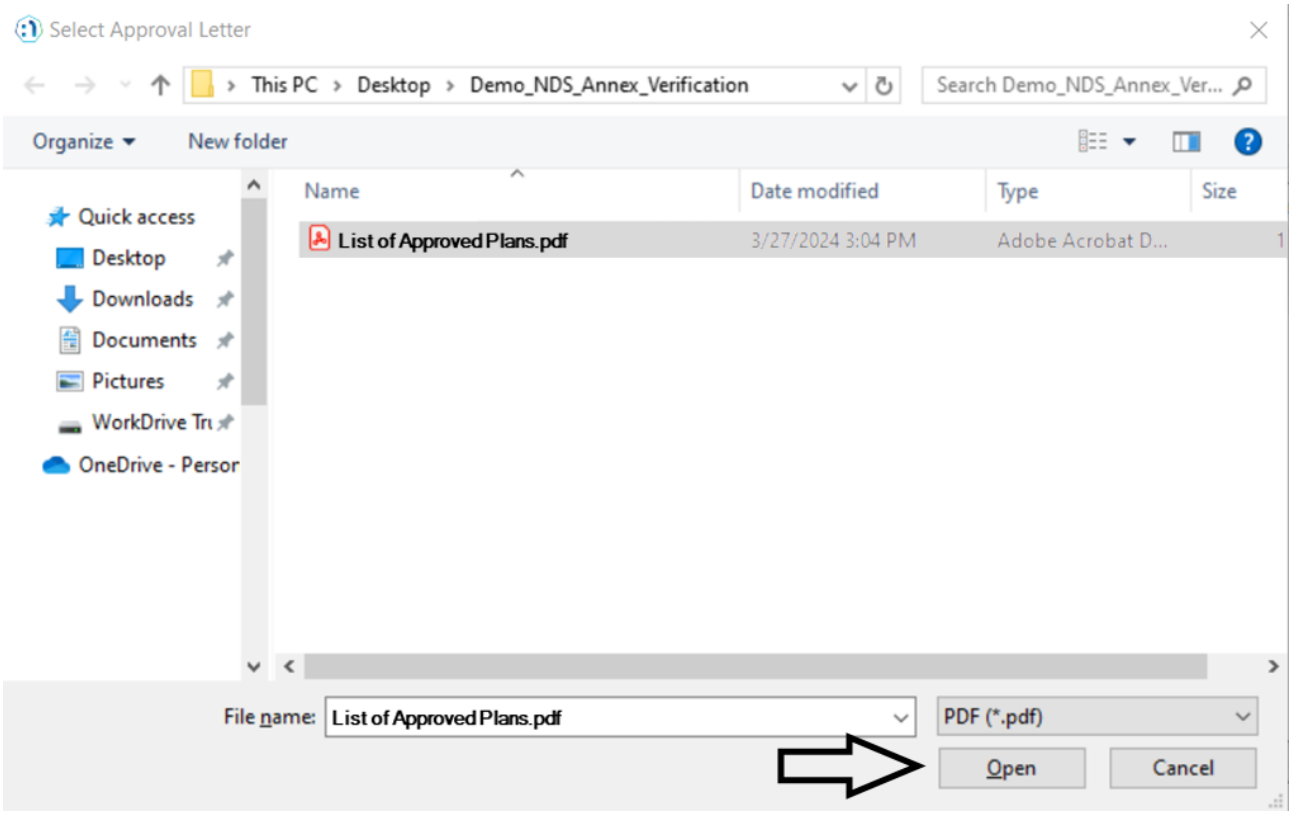
Thereafter, navigate to the folder containing the approval PDF letter (List of Approved Plans) from CORENET X and select the file.



After selecting the file, click on Open



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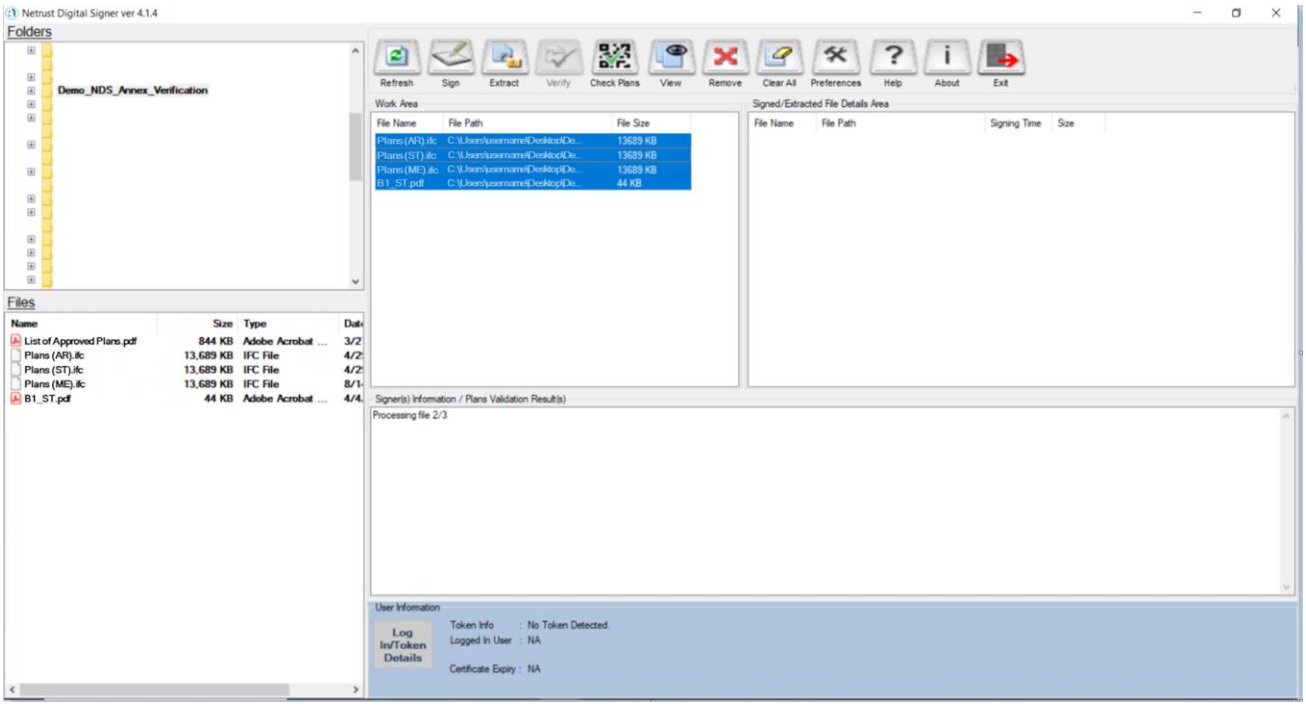
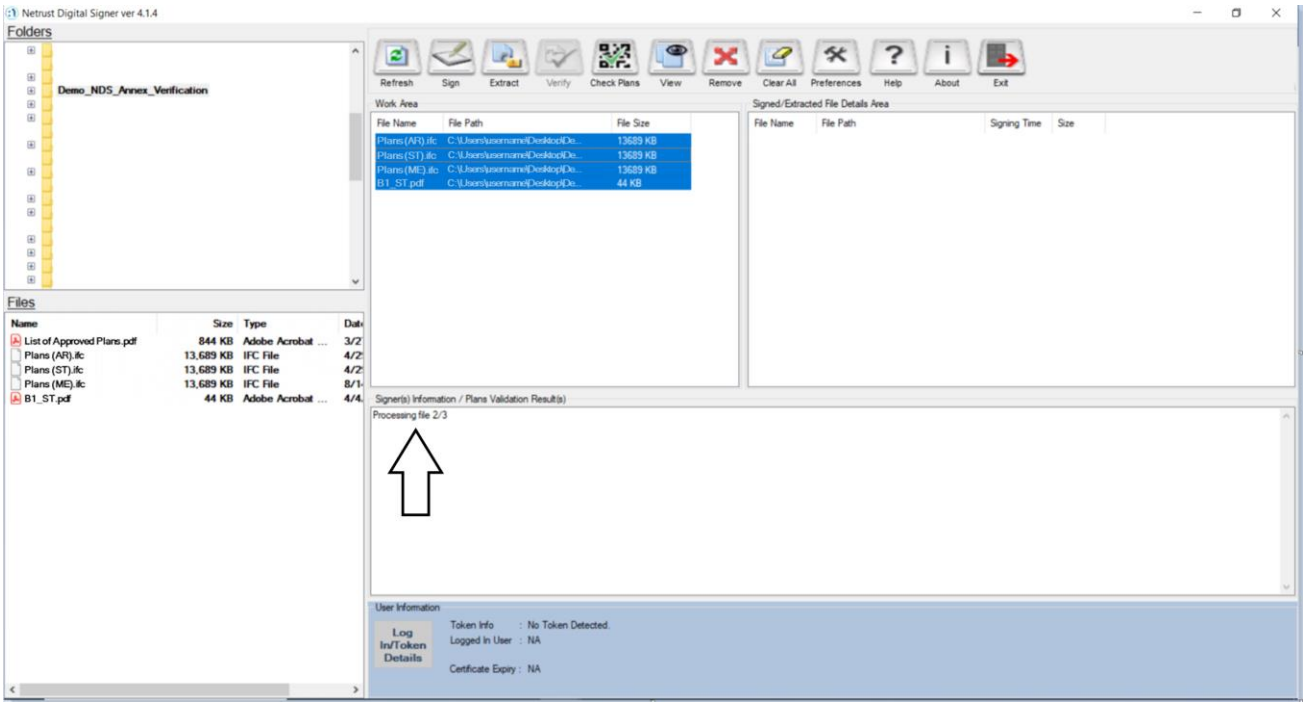
Validation will be carried out and the status will be shown in the “Signer(s) Information / Plans Validation Result(s)” tab.



While processing, the progress of the validation will be shown in the same tab.



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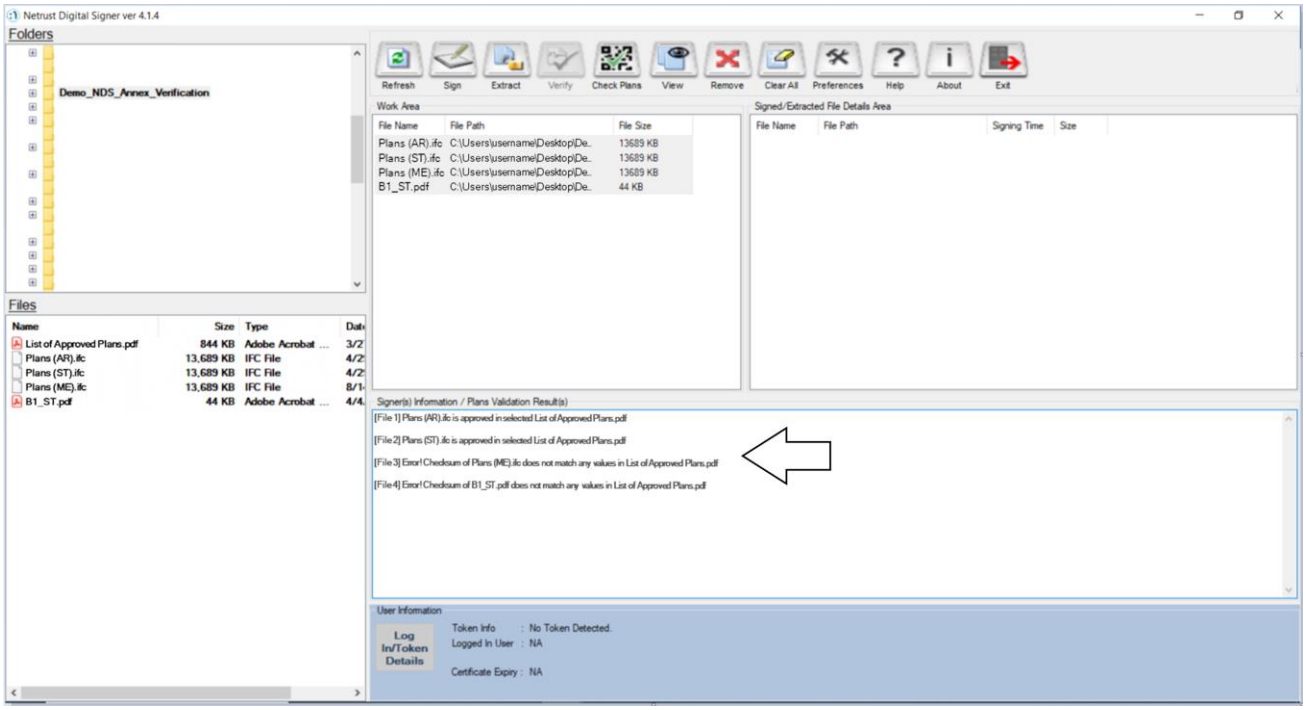
Once all the files are processed, the results will be shown in the same tab.



Upon successful validation, the following message will be shown:

<Filename of file to be validated> is approved in selected <filename of List of Approved Plans>

For example, if the file *Plans (AR).ifc* is selected to be validated with the approval letter *List of Approved Plans.pdf*, the following message will be shown.

Plans (AR).ifc is approved in selected List of Approved Plans.pdf

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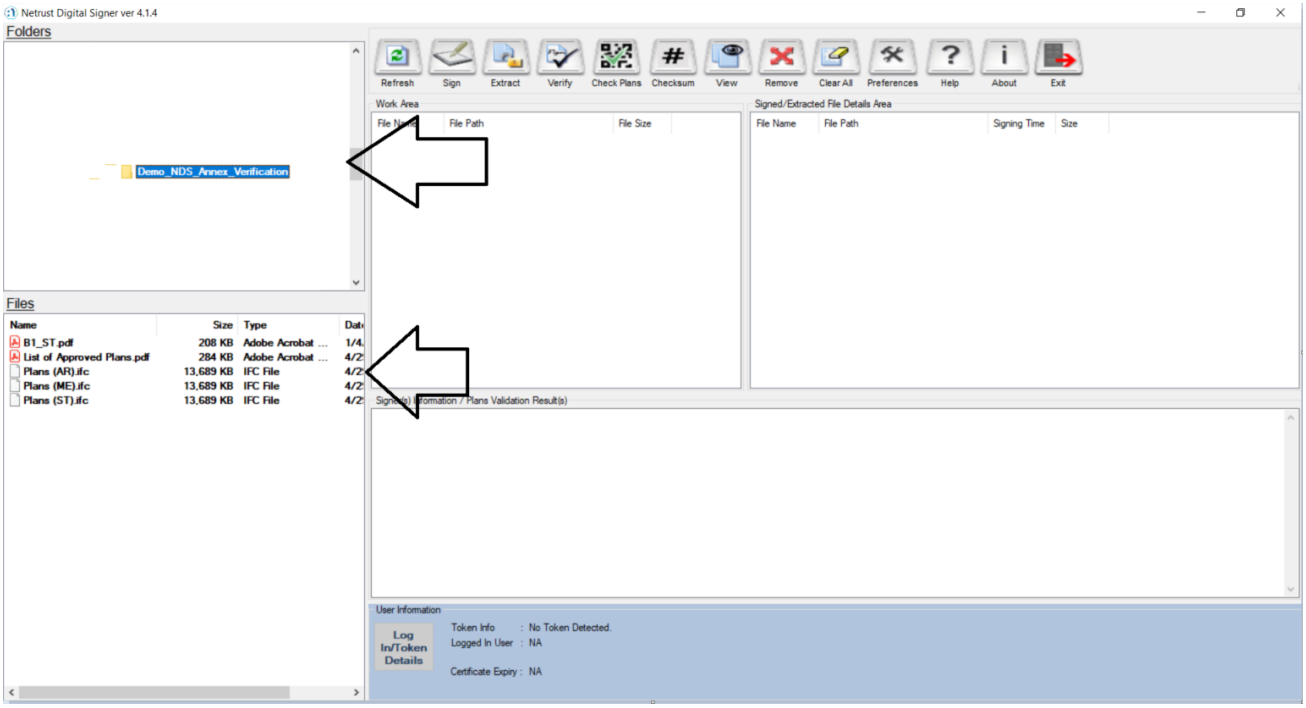
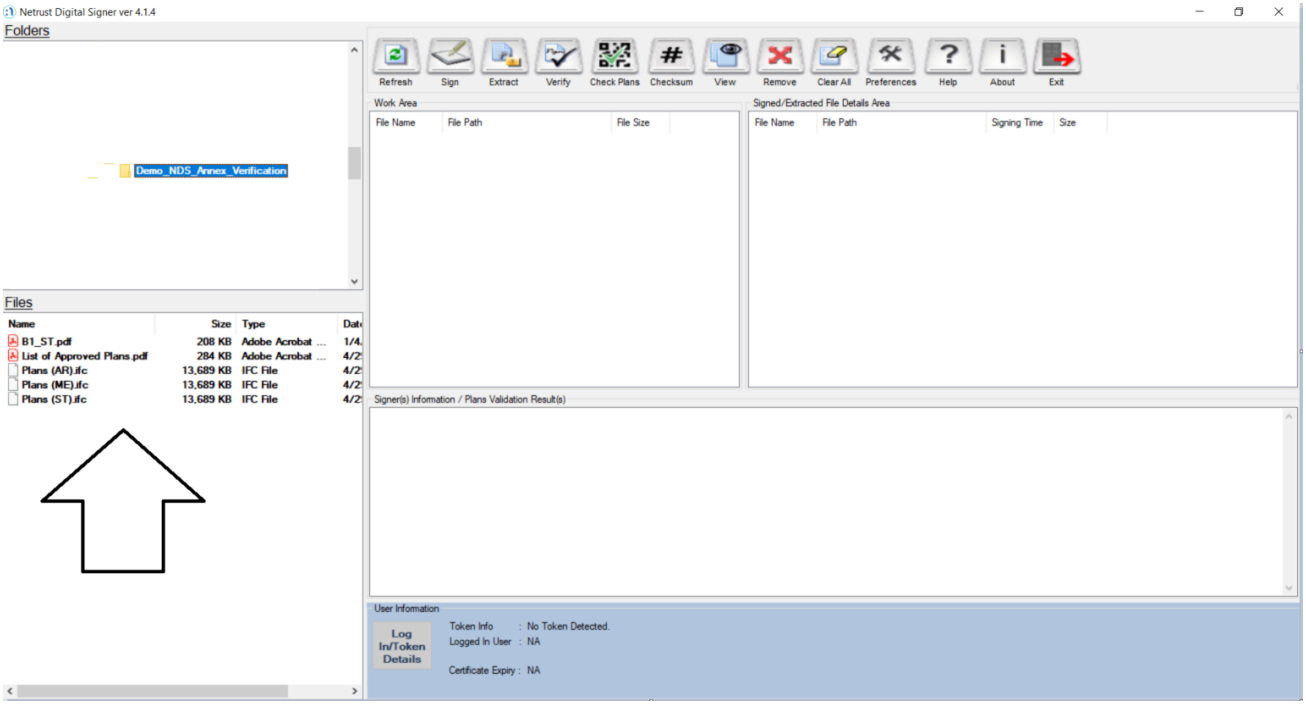
4. File Checksum generation

4.1. Navigate to the folder containing the desired files

Using the Folders and Files selection, navigate to the folder containing the files on the left side of the user interface.



Click on the desired folder and the files in the folder will appear under the files selection area.



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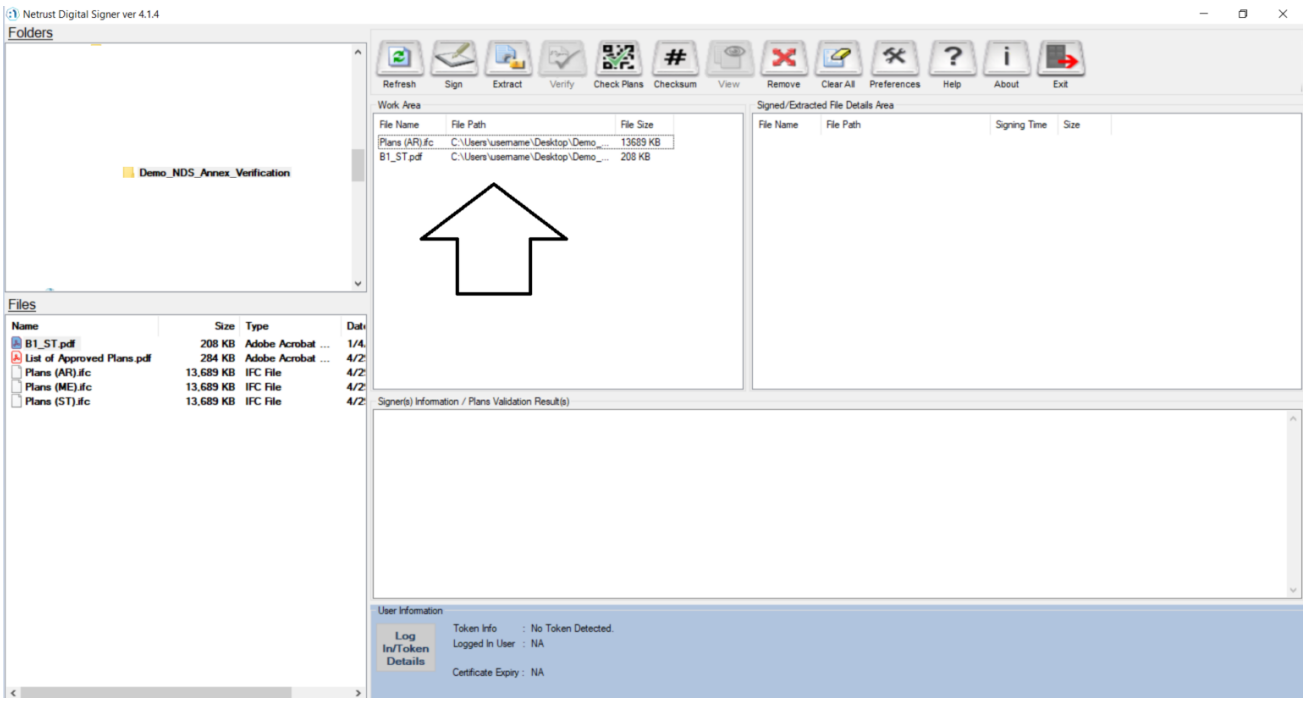
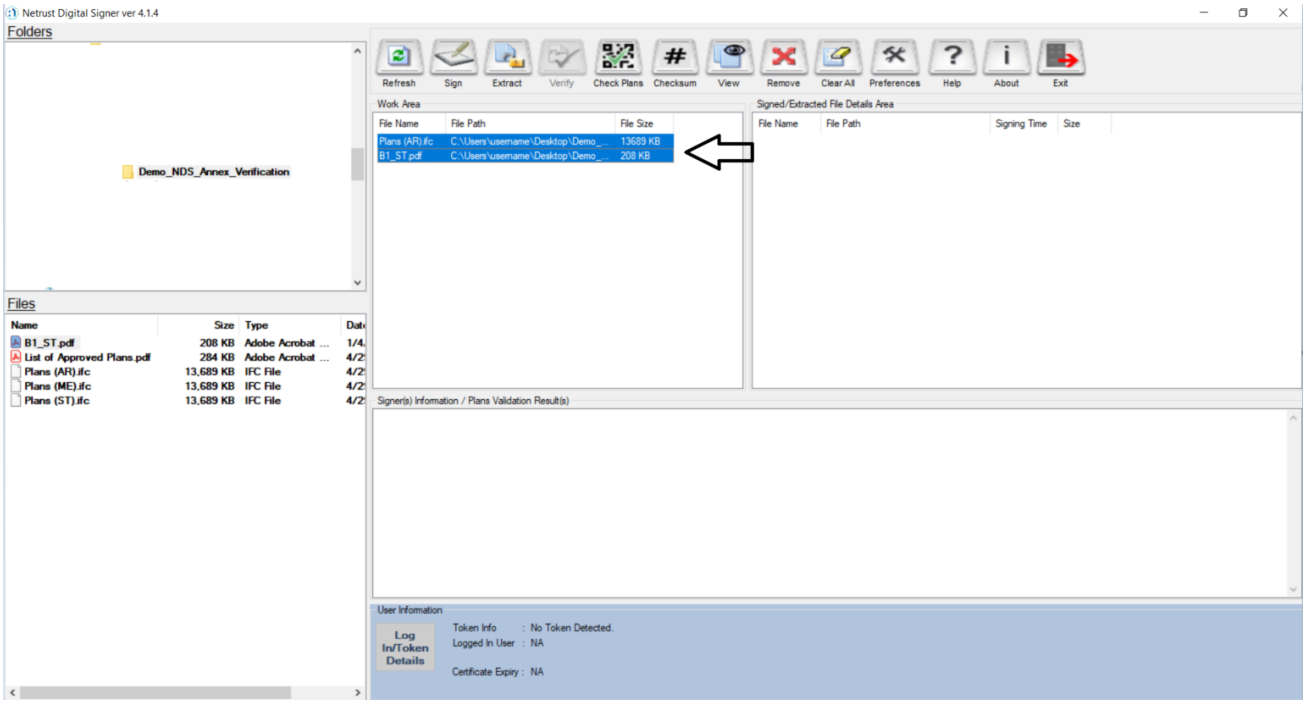
4.2. Adding the files to Work Area

Double click on the desired files in the files selection area to add them into the Work Area.



4.3. Selecting the file(s) to generate their checksum

Click on the desired file in the Work Area to generate their checksum. You may select up to 10 files at once. In order to select multiple files, hold on to the CTRL button and click on the file in the work area to select multiple files.



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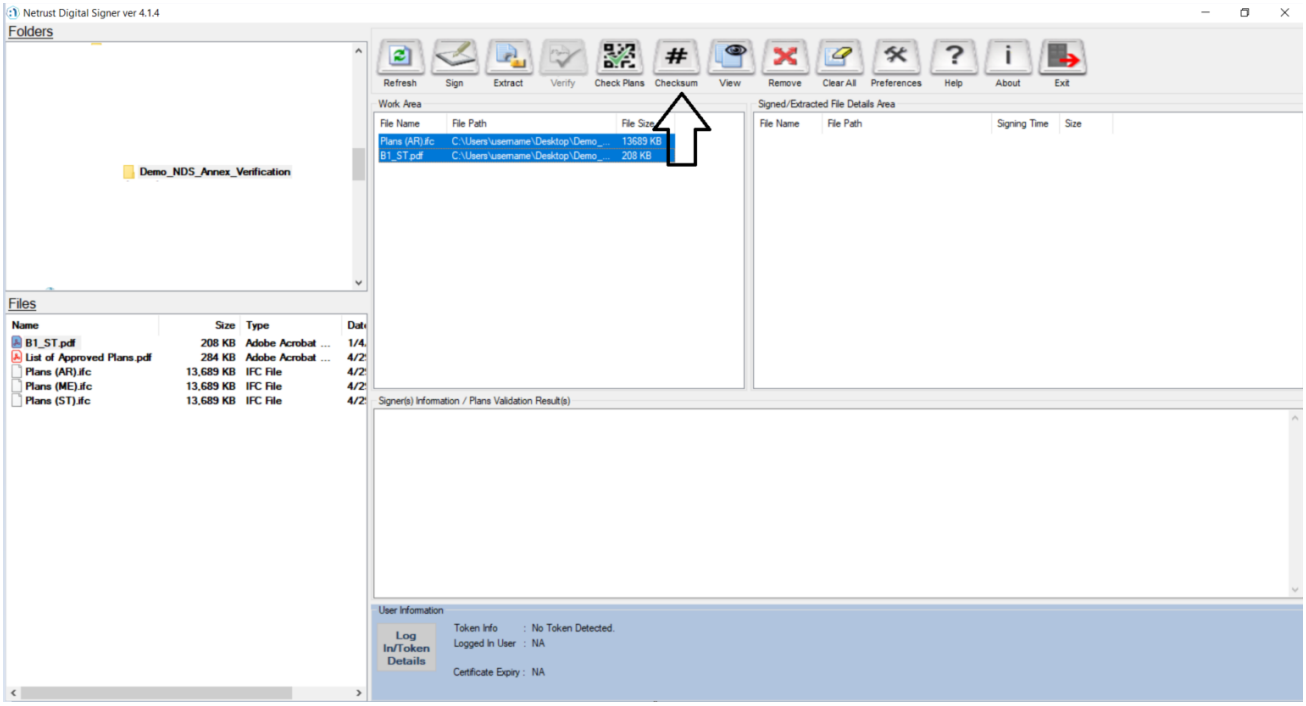
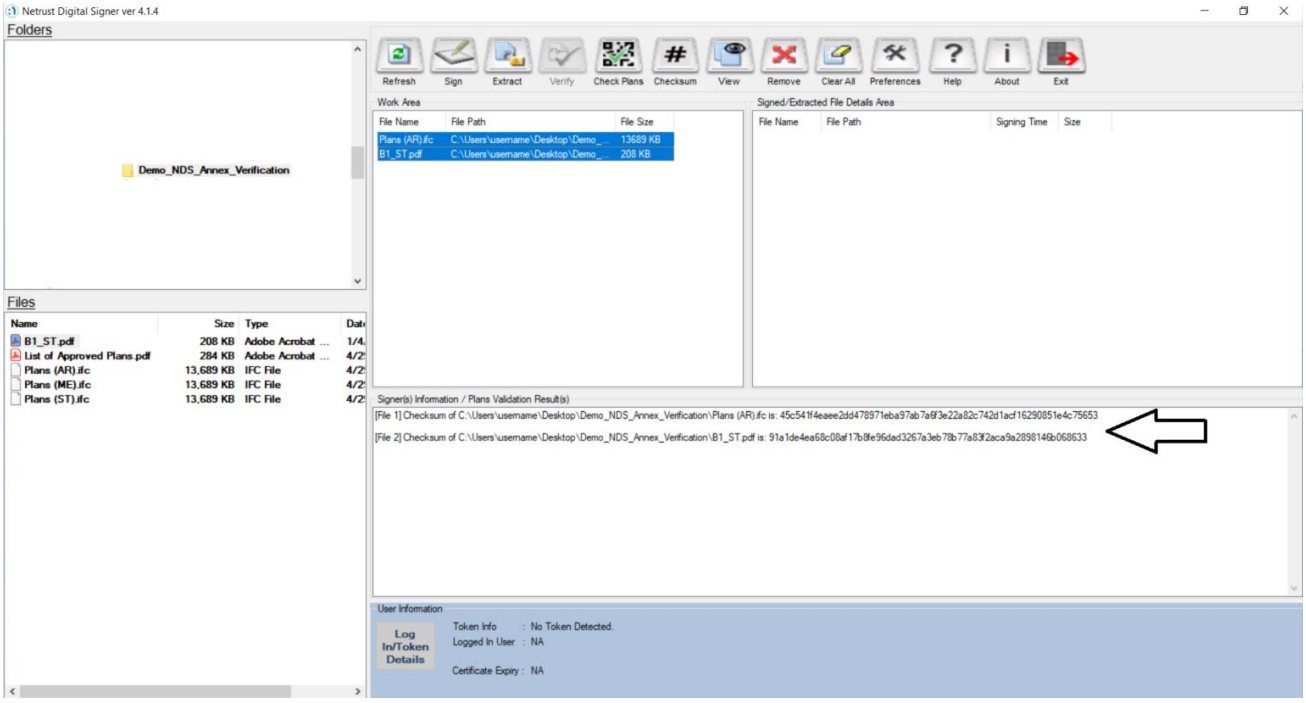
4.4. Checksum generation

After selecting the desired files to be validated, click on the “Checksum” button.



Once the process is completed, results will be shown in the “Signer(s) Information / Plans Validation Result(s)” tab.



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Upon successful checksum generation, the following message will be shown:

Checksum of <File Path> is: <Checksum>

For example, if the file sample.txt on C drive and the checksum of the file is *688213asklddsfnm3241hb2j3*, the following message will be shown.

Checksum of C:\sample.txt is: 688213asklddsfnm3241hb2j3

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5. Common error

5.1. Checksum of file to be validated is not in the approval letter

If the approval letter (List of Approved Plans) does not contain the checksum of the file to be validated, this error will be shown:

> *Error! Checksum of <Filename of file to be validated> does not match any values in selected < filename of List of Approved Plans>*

For this error, please do ensure that the correct file is selected to be validated against the correct approval letter (List of Approved Plans).

5.2. Incorrect approval letter selected

If an incorrect approval letter is selected, for example a random PDF file that does not contain any checksum, the following error will be shown:

> *Error! Please ensure that a valid file containing checksum is selected. There are no valid checksum found in the selected <filename of List of Approved Plans>*

5.3. Other errors

If you encounter any other unexpected, please do take note of the following:

1) Error faced and screenshot of the error
2) Date and Time when you have encountered the error
3) Navigate to C:\ProgramData\Netrust Digital Signer and zip up the entire folder

You may send an email to customersupport@netrust.net with the information obtained above and attach the zipped file in the email for support.

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