

How to install DAVA Signer

(A) Pre-requisites

1. Make sure Winrar installed on the system ([click here to install Winrar](#)).
2. System should have Operating System WIN XP or higher.
3. To install the DAVA Signer user must have administrative privilege.

(B) Process to install DAVA Signer

Step-1: Launch the web browser and go to the below URL:

<http://dava.gov.in/signer.html>

Click on the highlighted link "Download Digital Signer Utility" and download **DAVA.rar** into **C:** Drive



Step-2: To extract the files right click on **DAVA.rar** file then click on the option "Extract Here".

Step-3: After Extracting the Folder named "DAVA" will be created automatically in the same drive.

Step-4: Open "DAVA" folder and double click on the "setupDavaSigner.bat" file then specify the details as shown below.

The image shows a dialog box titled "DAVA" with a standard Windows window control bar (minimize, maximize, close). The dialog contains several input fields and two buttons:

- Select Drive:** A dropdown menu showing "C:" with a downward arrow.
- Root Folder:** A text input field containing "DAVA".
- Input File Path:** A text input field containing "IN".
- Output File Path:** A text input field containing "OUT".
- Organization Name:** A dropdown menu showing "MANF" with a downward arrow.
- User Id:** A text input field containing "DAVA001".
- Buttons:** Two buttons labeled "Run" and "Cancel" are positioned at the bottom of the dialog.

Step-5: Enter the **User Id** and click on **Run** button.

Please note :

Parameter Name	Parameter Type and Value	Description
Drive	Mandatory, C	Drive name depend on the Number of Drives present on user system.
Root Folder	Mandatory	This is the root folder for DAVA Signer files.
Input File Path	Mandatory , [Value depend on the choice of User eg. "IN"]	This folder will be used to store xml files to be signed.
Out File Path	Mandatory , [Value depend on the choice of User eg. "OUT"]	This folder will be used to store Digitally signed xml files.
Organisation Name	Mandatory , (At Present values is static [MANF])	-
User Id	Mandatory, Enable	User will enter his User ID

Step-6: After clicking "Run" button, two folders (i.e. **IN**, **OUT**) and one file (i.e. **DAVA.cfg**) will be created automatically in same root folder "**DAVA**".

Step-7: Always use

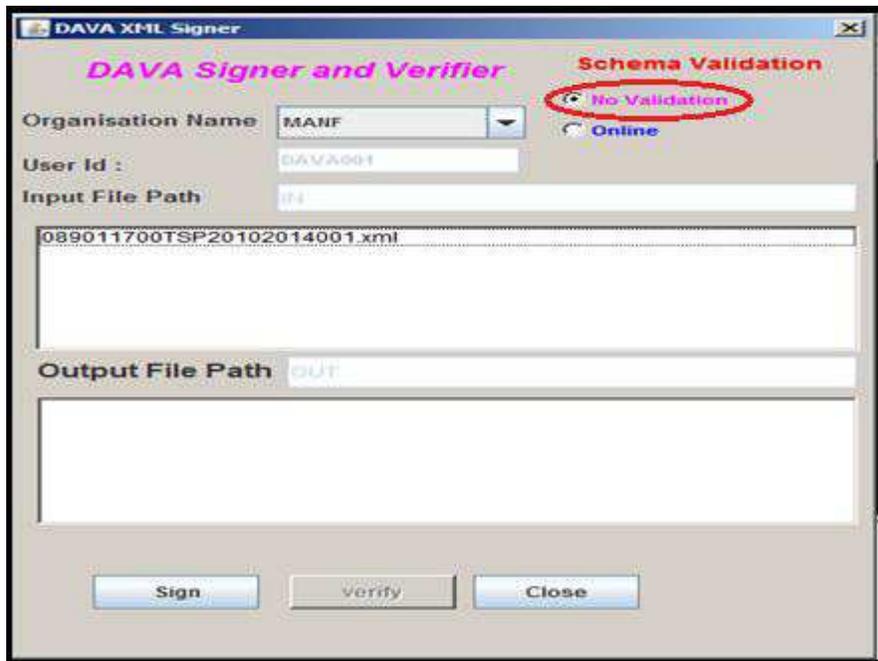
- A) Input file folder (e.g. IN) to store Input XML files to be digitally signed.
- B) Output file path (e.g. OUT) to store output digitally signed XML files.

Note: DAVA Signer Application need to be installed only once however, banks have the liberty to install this application on multiple systems specifying the same User Id.

DAVA Signer Help

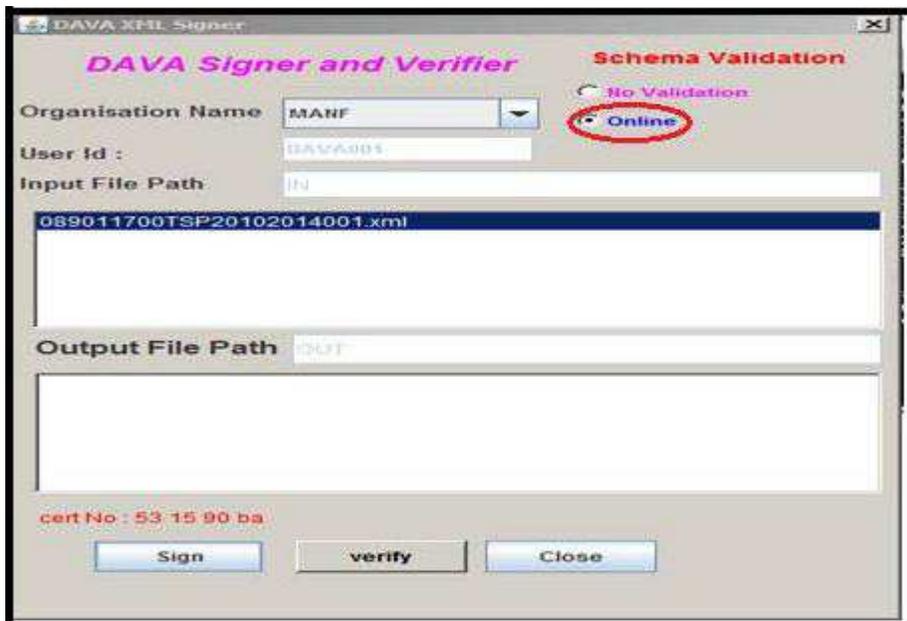
In DAVA Signer you need to select the **Schema Validation** i.e.:

1.No Validation: This means no validation is required, only signing and verification is to be done



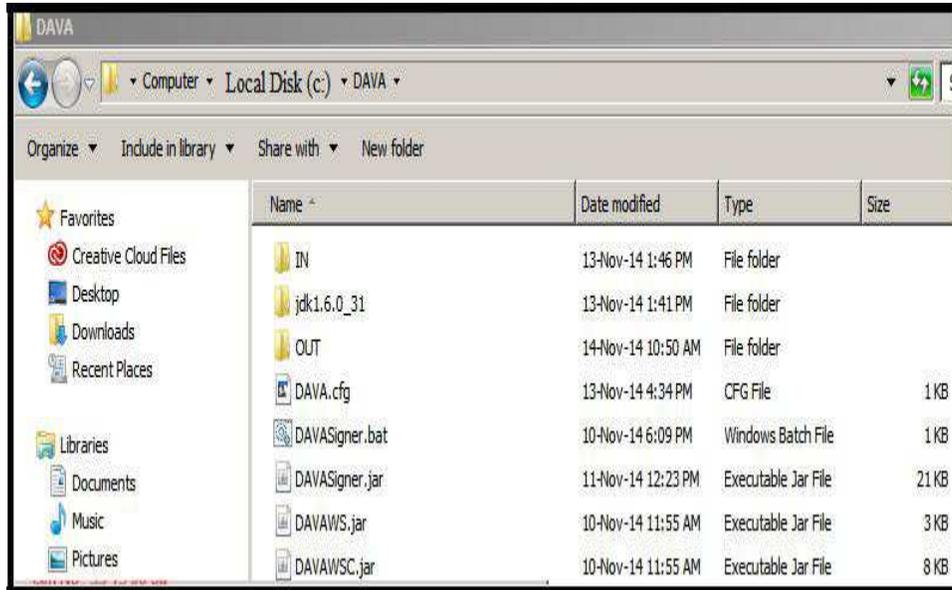
Screen1

2. **Online:** In this option you need to validate the schema.



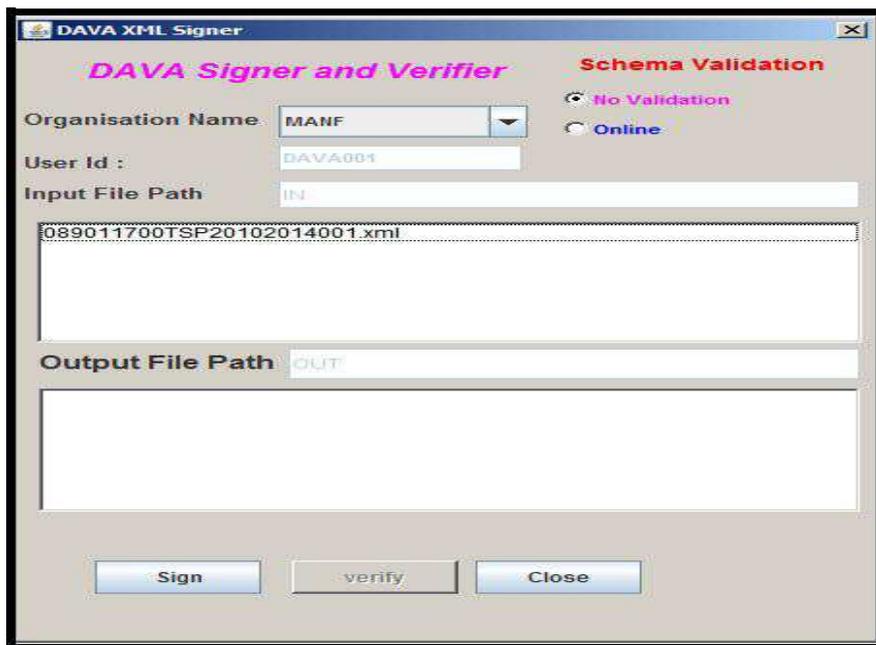
Screen2

Step-1: After successfully creation **DAVA** folder (e.g. C:\DAVA), user has to copy its xml file to input file folder (e.g. C:\DAVA\IN) for signing purpose.



Screen3

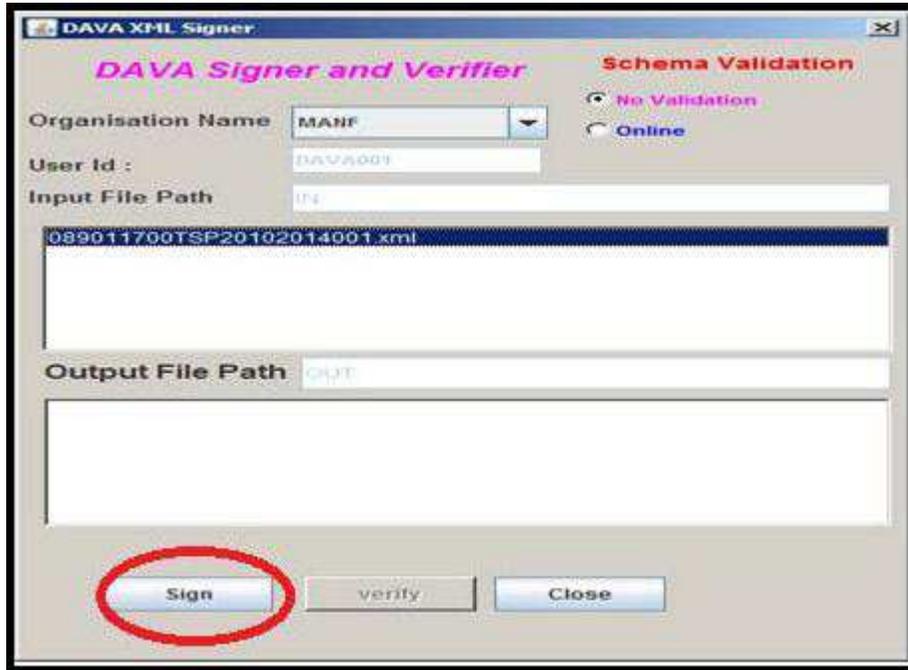
Step-2: Now, user has to open the **DAVA** folder and double click **DAVASigner.bat** file. Then following screen automatically appears with XML files available in input path:



Screen4

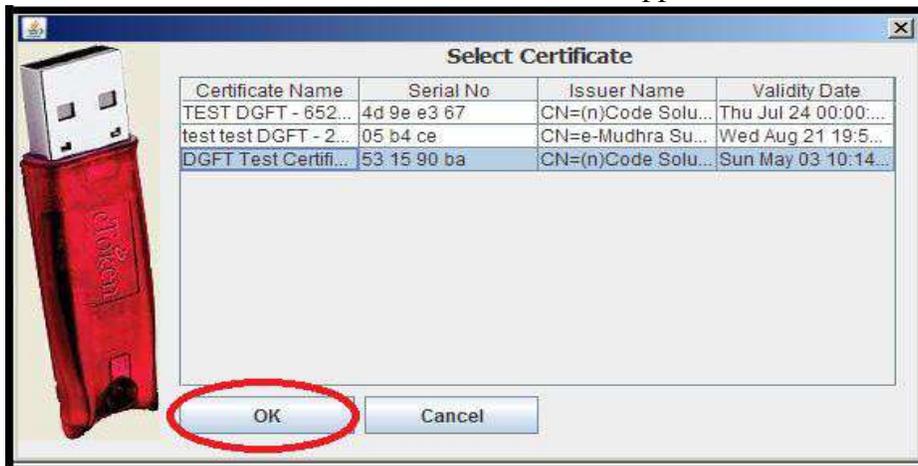
In the above screen user will select the **Organization Name** from the dropdown box. **User ID** and **Input File Path** will be generated automatically.

Step-3: Now user has to select the xml file and click on sign button (marked in red).



Screen5

Step-4: On clicking Sign button, following list of digital certificates available will appear select the desired certificate name and click on **OK** button as appears below:



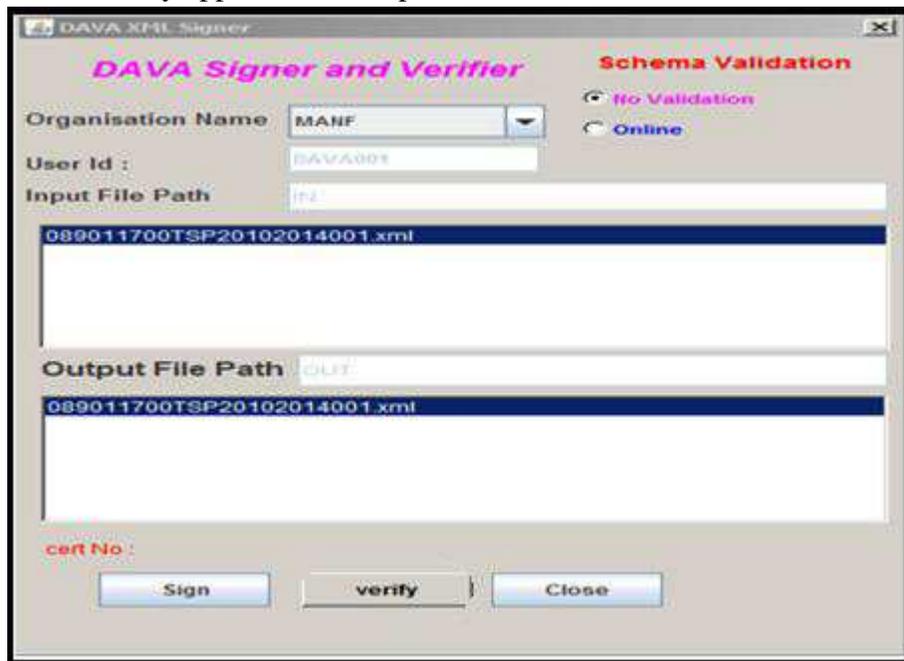
Screen6

Step-5: The following screen will appear which indicates that xml file is signed digitally. Now, click on **OK** button:



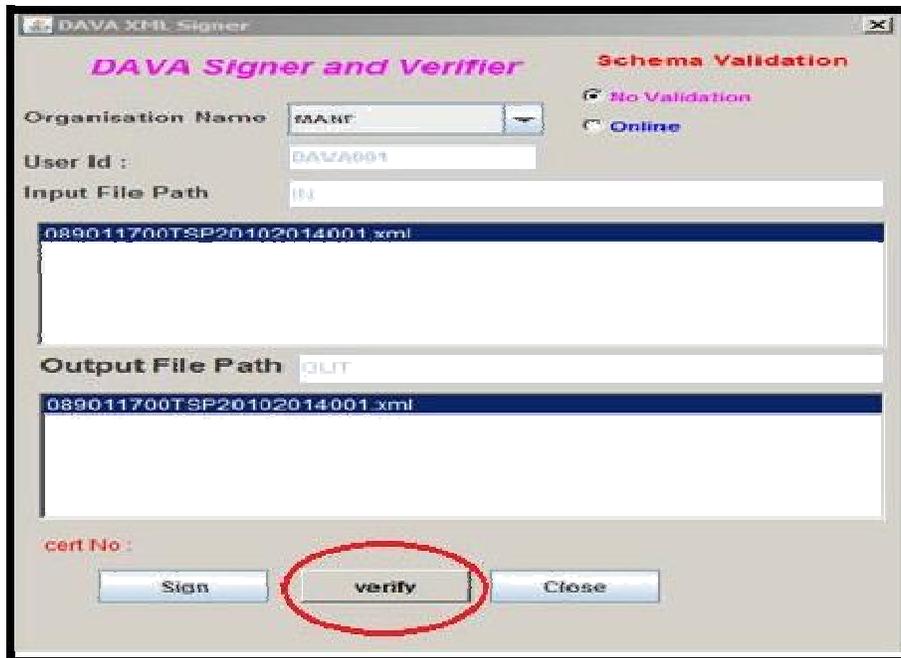
Screen7

Step-6: After signing process is completed and following screen will appear in which the input file list will automatically appear in the output file list



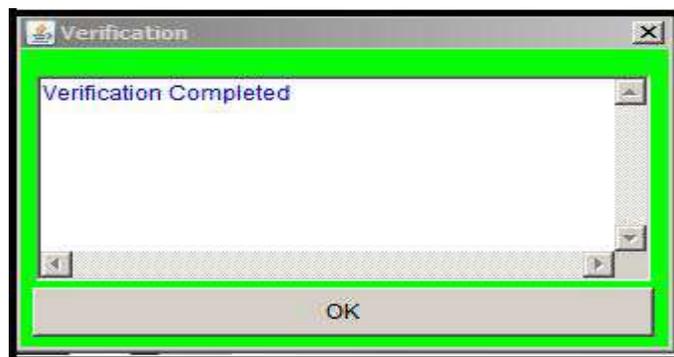
Screen8

Step-7: User may verify its signed xml file by clicking on **verify** button as in the following screen:



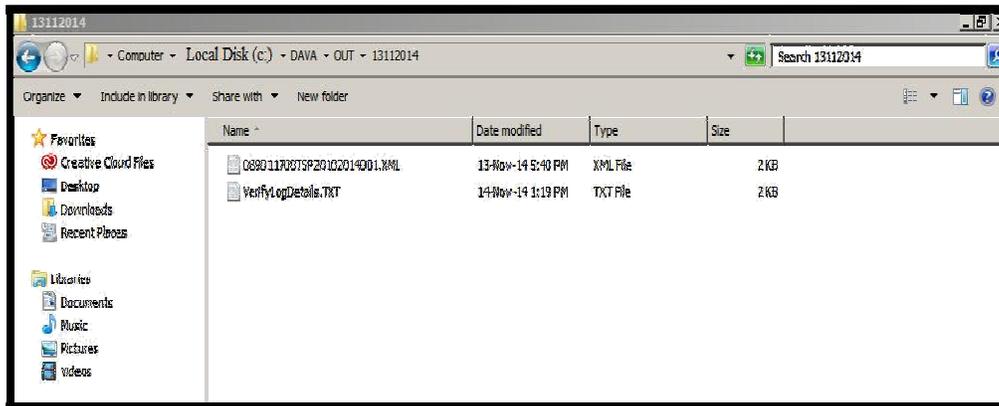
Screen9

Verification completed message will appear as follows:



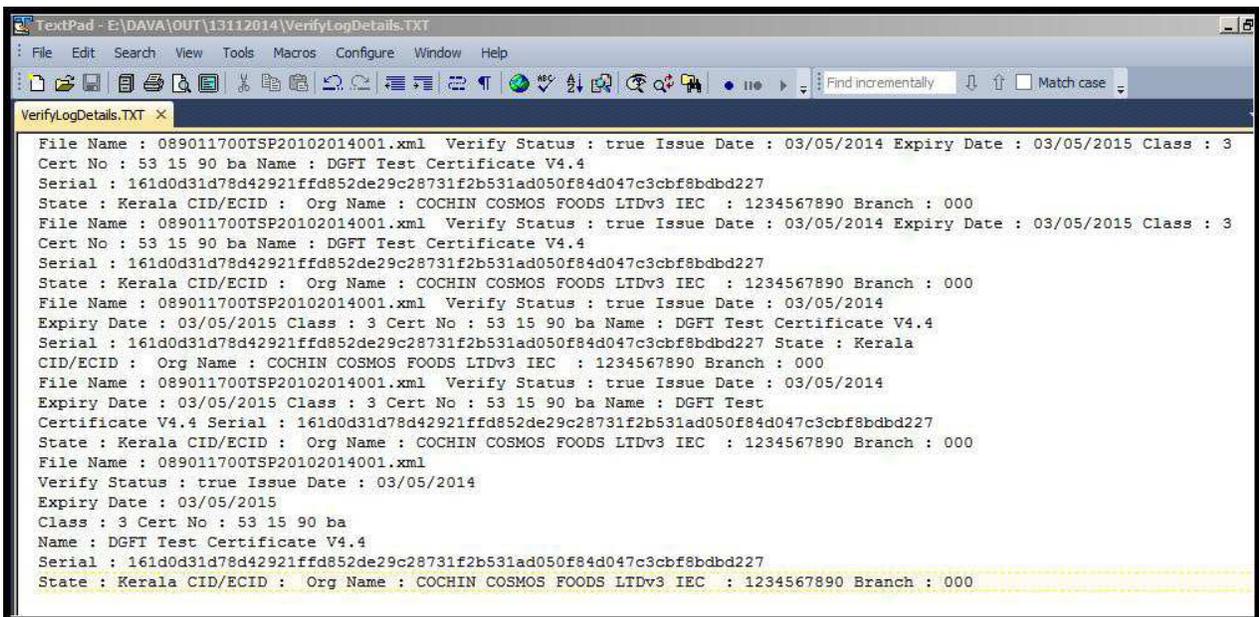
Screen10

Step-8: On clicking the OK button VerifyLogDetails.txt file will be created in a folder named as current date in the output file folder.



Screen11

Step-9: VerifyLogDetails.txt file will contain DAVA's user digital signature information.



Screen12