Manual of LankaFIN XML Validator Ver. 2.2
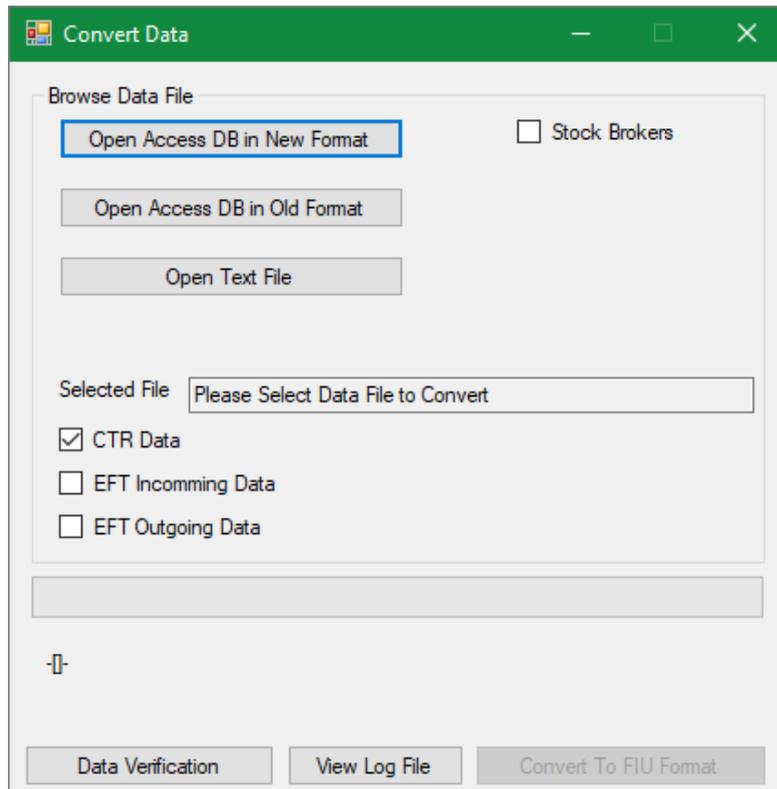
(Effective from January 16, 2021 onwards for all xml file submissions including old ones)

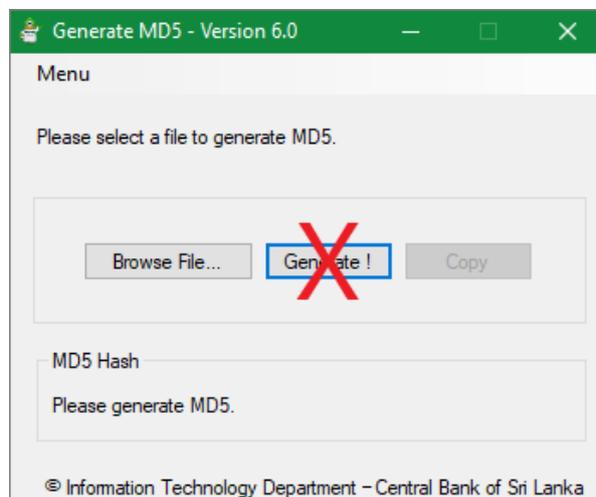## Downloading LankaFIN XML Validator Ver. 2.2

Visit http://fiusrilanka.gov.lk/downloads.html to download the tool.

XML file generation

1. Use the existing MD5Check6.0 application already provided to generate the xml file from text file or MS Access file.

2. **DO NOT** generate the MD5 hash code from MD5Check6.0 application. LankaFIN XML Validator will be used to generate the MD5 hash code.
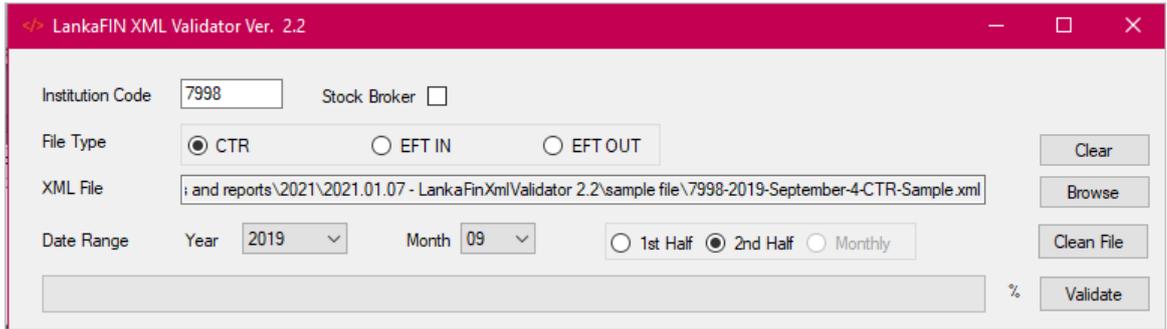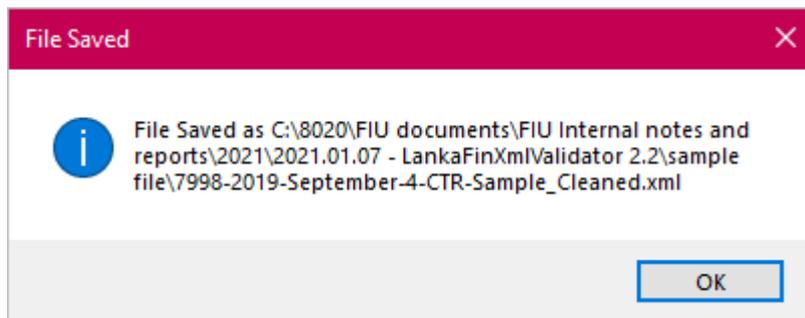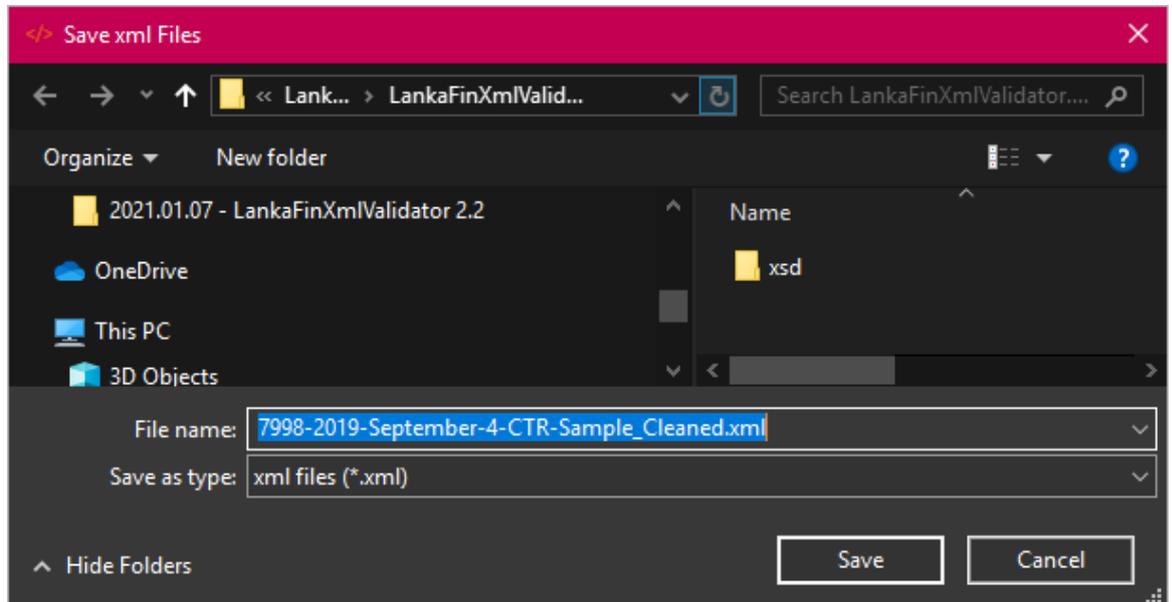
XML File Validation

1. Use LankaFIN XML Validator Ver. 2.2 for xml file validation before submission and **USE** it for MD5 hash code generation.

2. Steps for xml validation
   1) Enter the institution code assigned by FIU eg. 7010, 1010, 2010
   2) Mark 'Stockbroker' checkbox if you are using the CTR stockbroker format which has 'Share quantity' and 'Share code'. If a stockbroker is using the format used by banks for CTR submission does not need to select this.
   3) Select the file type. i.e. CTR, EFT IN or EFT OUT
   4) Browse the file and select the xml file for validation.
        a. Eg. *7998-2019-September-4-CTR-Sample.xml*
   5) Select Year
   6) Select Month

7) Select half of the month. 1st half (1-15), 2nd half (16-end of month) or monthly (for stockbrokers and insurance)
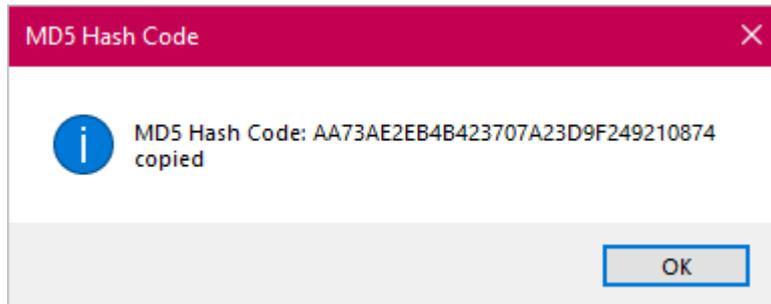

8) Clean file, which will format special characters which are apostrophe ('), ampersand (&), greater than (>), less than (<), quotation (") and Non-ASCII characters.
   a. Browse and select the clean file before validating (next step).
   b. Clean file has '_Cleaned' added to the end of the xml file name.

9) Validate
   a. Please note that this does not require splitting the xml.
   b. Make sure you have selected the clean file before validating.
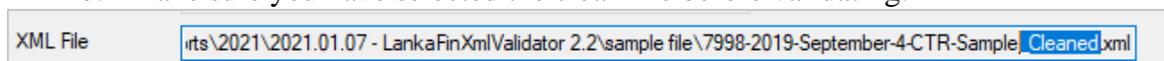
   c. At the end of validation, the MD5 hash code will be generated if passed without any errors.

Validation

Validation Completed! 100%
No errors in the xml file. MD5 Hash code generated.

OK

MD5 Code   AA73AE2EB4B423707A23D9F249210874   Copy MD5

MD5 Hash Code

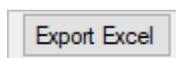MD5 Hash Code: AA73AE2EB4B423707A23D9F249210874
copied

OK
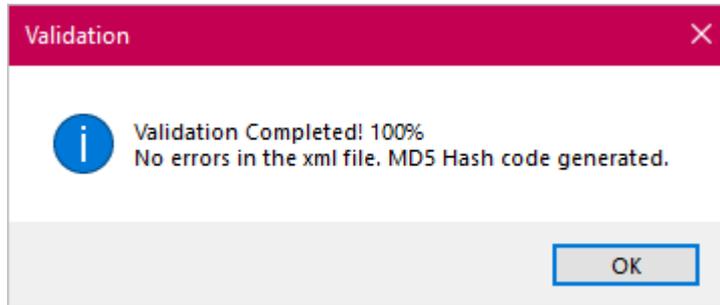
d.   If there are any errors, the tool will list the errors and the institution
     needs to rectify these errors in their customer information and
     transaction recording systems and regenerate the xml files for
     validations. Error list can be exported to MS Excel using 'Export
     Excel' option.

Validation

Validation Completed! 100%
Errors Found. Invalid xml file

OK
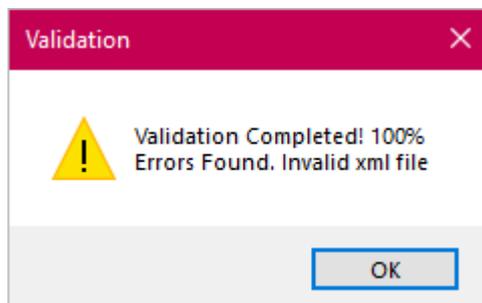
Detailed Validation Output

	Row_ID	Line_No	Error_Type	Error_Message	Error_Line
▶	1	45	VAL	XML Schema Validation Error: The 'BranchName' element is...	\<BranchName>Rajagiriya Branch, Rajagiriya
	2	49	VAL	XML Schema Validation Error: The 'Amount' element is invali...	\<Amount>-1636403.76</Amount>
	3	62	BSR	Field 'BusinessType' invalid, contains generic terms.	\<BusinessType>Business</BusinessType>
	4	68	VAL	XML Schema Validation Error: There is a duplicate key sequ...	\<Table>
	5	136	BSR	Field 'BusinessType' invalid, contains generic terms.	\<BusinessType>SERVICES</BusinessType
	6	155	BSR	Validation Error: Address is inadequate (AddressLine1 + Add...	\<AddressLine1>10/2</AddressLine1> \<Addr
	7	158	VAL	XML Schema Validation Error: The 'IDNumber' element is in...	\<IDNumber></IDNumber>
	8	231	VAL	XML Schema Validation Error: The 'IDNumber' element is in...	\<IDNumber>2</IDNumber>
	9	274	VAL	XML Schema Validation Error: The 'CusFirstName' element i...	\<CusFirstName>STATE PHARMACEUTICAl
	10	275	VAL	XML Schema Validation Error: The 'CusLastName' element i...	\<CusLastName>STATE PHARMACEUTICA

Export Excel

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10) Copy MD5 hash code generated from LankaFIN XML Validator and paste it when uploading to LankaFIN

Uploading validated xml files to LankaFIN

1. Upload the clean file with '*_Cleaned''* in the file name which was validated.
   a. i.e. *7998-2019-September-4-CTR-Sample_Cleaned.xml* for above example
2. Copy and paste the MD5 hash code generated from the LankaFIN XML validator.

Contact

Provide your queries regarding LankaFin XML Validator to lankafin@cbsl.lk with a copy to gihanw@cbsl.lk with the subject "LankaFin XML Validator".