

PDF Signature Verification Tool

(Beta Version)

User Guide

Version. 2018-12

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Disclaimer

Before using the Macao Post and Telecommunications Bureau (CTT) "eSignTrust PDF Signature Verification Tool", please read the terms and conditions of these Terms of Use (hereinafter "Agreement"). By installing and using eSignTrust PDF Signature Verification Tool, you agree to be bound by the terms and conditions of this Agreement.

1. SUBJECT

- 1.1 eSignTrust PDF Signature Verification Tool ("Tool") is developed by CTT. The sole purpose of this "Tool" is to assist the user in checking whether the electronic signature in the PDF file is signed by a valid eSignTrust certificate.
- 1.2 CTT provides this "Tool" to users free of charge in accordance with the purpose of item 1.1.

2. OWNERSHIP

This "Tool" is developed by CTT with the use of third-party open source software. Except for third-party software, all contents contained in this "Tool" are owned by CTT and are protected by the relevant laws of the Macao SAR and international intellectual property rights. Without the written consent and authorization from CTT, it is prohibited for any modification of the contents of this "Tool", or copy or republication of this "Tool" in any form for commercial purpose.

3. DISCLAIMER

- 3.1 User is solely responsible for any risks of downloading or otherwise obtaining the content and materials using this "Tool".
- 3.2 This "Tool" is a Beta version and user is solely responsible for any risks associated with the use of this "Tool". This "Tool" is provided "as is" and without warranty of any kind. To the fullest extent permitted by applicable law, CTT hereby disclaims all warranties and conditions of any kind, express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose and non-infringement.
- 3.3 This "Tool" is provided to User in accordance with Section 1.1 of the Subject. User must independently determine the validity and applicability of the electronic document with the electronic signature. CTT is not responsible for the act of signing by the signatory on electronic document and the contents of the document.
- 3.4 CTT expressly refuses to assume any type of warranty obligation, whether express or implied, including but not limited to any loss, damages, fees or other expenses



incurred or related to the use of this "Tool". CTT will not take any responsibility and make any compensation. CTT may add, delete, modify, suspend or even terminate the contents of this "Tool" and its use at any time without prior notice.

4. VALIDITY

If any provision of this Agreement is declared invalid or unenforceable, in whole or in part, that provision will not affect the remainder of this Agreement, which is deemed amended to the extent necessary to make this Agreement valid, enforceable, and, to the maximum extent possible, consistent with the applicable law and with the original intentions of the parties; the remaining provisions will remain in full force and effect.

5. GOVERNING LAW AND JURISDICTION

- 5.1 The law applicable to this Agreement is the one of Macao Special Administrative Region (Macao SAR).
- 5.2 For any disagreement regarding the interpretation, validity or execution of this Agreement shall be subject to the jurisdiction of the court of the Macao SAR and expressly waive the jurisdiction of other laws.

6. LANGUAGE

In case of any inconsistency or discrepancy among the versions of this Agreement in Chinese or English languages, it prevails the Chinese language.



Open the PDF Signature Verification Tool

1. Go to the eSignTrust Website <u>www.esigntrust.com</u>, and choose from the home page "Application Download".

At	oout eSignTrust Contact Us	繁體 PORT ENG	Search	1
	С В Соптива и на соперов ремиски и на на великов се селитискојо			
	●●○ Electronic Certificates	es ●•○Repository ●•○Support and ■ Download	• Online Services	
	Product Comparison	(see	cí	
	Online Appointment	apple 1))e	
	Search Certificate	5		
	eSignCloud Service	News		

2. Under the title "Application Download", choose to download the "PDF Signature Verification Tool".

About eSignTrust Contact Us	繁體 PORT EP	IG Search
С SignTrust		
••• Electronic Certificates	●●○Services ●●○Repository ●●○Support and Download	●● Online Services
)))) Support and Downlo	ad Home Page > Support and Download > Download >	
User Guide	Download	
Application Forms		
Download	Application Download	
	Qualified Electronic Signature Pack (v1.20) Program including Smart Card Reader Driver, Smart Card Driver, Java JRE and eSignTrust Root and CA Certificates	<u>32 bit</u> / <u>64 bit</u>
	eSignTrust SafeBox Encryption/Decryption Tool (Windows XP Beta Version)	Download
	eSignTrust eCrypto Encryption/Decryption Tool (Support Windows 7/8/10)	Download
		Providend
		2000 A 100 A



Agree the Disclaimer, then press "Execute". 3.

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✓ Laccept and agree to the Terms of condictions
Execute

The system will require to download a file named "esign-signature-verification.jnlp", 4. please save and open the file to run the program.

*Remark: This verification tool is a Java Web Start program, therefore it is required to have Java pre-installed on your system. If you have not yet installed the Java program, please proceed to <u>www.java.com</u> to download and install the Java JRE (32bit version) program.

During the execution of the Java program, if you are prompted for confirmation of running 5. the mentioned Java program, select "Run" to proceed.





6. The PDF Signature Verification Tool is opened successfully.

PDF Signature Verification Tool	5	-		×
Choose File: Choose PDF File				
Verification				
Result				
Sammary:				
Developed by CTT eSignTrust Certification Services v1.0-Beta	,	Sig AM B R	CORREIOS I COS DE CER	UST DE MACAU RTIFICAÇÃO



Verify Electronic Signature(s) on the PDF

1. Select "Choose PDF File" to open the PDF file that has the Electronic Signature(s) to be verified.

PDF Signature Verification Tool	<u> </u>		×
Choose File: Choose PDF File			
Result			
Summary:			
Developed by CTT eSignTrust Certification Services v1.0-Beta	E)S R71 R7100RRS	ignTi M IX CORREIOS ERVIÇOS DE CE	FUST S DE MACAU SRTIFICAÇÃO

2. Then select "Verification" to verify.

PDF Signature	Verification Tool	<u>.</u>		×
Choose File:	Cheose PDF Hie			
	C:\Users\CS\Desktop\Test PDFs\Temp\003_multifield_tamsigned.pdf			
	Verification			
Result				
Summary:				
		-		
	Developed by CTT eSignTrust Certification Services v1.0-Beta		ignt M IX CORREION ERVIÇOS DE CE	FUST S DE MACAU ERTIFICAÇÃO

3. The verification results will be shown at the "Result" -> "Summary" panel. User can select

the button to view the detailed verification results (such as Name of the Signer,

Signature Date, Verification Method, Signature Status etc.)

PDF Signature	• Verification Tool			×
Choose File:	Choose PDF File			
	C:\Users\CS\Desktop\Test PDFs\Temp\003_mul	trineld_tan	nsigned.p	df
	Verification			
Result				
Summary:	ОК			
Datail				
Detail.	V.			
		-		_
avalopad by CT	TaSim Trust Cartification Samioas v10 Bota	E)s	ignTi	rus
eveloped by C1	Congrittusi Certification Services VI.0-Deta	展門 電子集團服務 5	IN IX CORREIOS ERVIÇOS DE CEI	DE MACA



Verification Results – Example1 (Signature Valid)

PDF Signature Verification Too	ol					- 0	×
Choose File: Choose PDI C:\Users\CS\D Verification	F File besktop\Test PDFs\Temp\003_multifie	ld_tamsigned.pdf					
Result							
Summary: OK							
Detail							
Signature Field Name	Subject CN	Signature Signing Time	Verification Method	Result	Remark		
Signature1	[Weng Sam Luzia KUAN]	2017-04-20	OCSP	OK	+		1
			Develop	ed by CTT eSignTrust Certific	ation Services v1.0-Beta		

Verification Results – Example 2 (One of the 2 signatures is valid, another is invalid as the Electronic Certificate used to create the signature was already revoked)

PDF Signature Verification Toc	bl				– 🗆 X
Choose File: Choose PDF C:\Users\CS\Dc Verification	F File esktop\Test PDFs\Temp\test2_sign.pdf				
Result Summary: OCSP Status is Detail:	s revoked				
Signature Field Nome	Subject CN	Signatura Signing Tima	Varification Mathod	Pacult	Pamark
Signature2	ICalum Shaw MACDONALDI	2014-04-17	OCSP	Invalid	OCSP Status is revoked
Signature3	[Chi Kai WONG]	2018-12-07	OCSP	OK	
			Develop	ed by CTT eSignTrust Certific	ation Services v1.0-Beta