

# XenMobile Secure Apps Branding Tools

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Version: 1.0

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# 1. Summary

## 1.1 Document Control

Document Name	XenMobile Secure App Branding Tools
Document Version	1.0
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Author	Arnaud Pain
Classification	Final

## 1.2 Version history

Version	Date	Author	Summary
1.0	06/06/2017	Arnaud Pain	Initial Creation

## 2. Purpose of the tools

Note: as today, the tools are only available for iOS and for Secure Mail and Secure Web.

I created those tools to facilitate the modification of the Citrix Secure Apps: Secure Mail and Secure Web.

## 2.1 Why doing that?

In fact, I was asked by a customer who do not really like the Purple Theme of the Secure Apps if it was possible to modify the icon.

## 2.2 How does it work?

On launch, the tools create a temporary folder on your C:\ drive and download from Internet a specific file which is needed to rename the Apps.

After, you will be asked to provide some information:

- New Name of the App
- Source Image File (for Launch screen)
- Source Image File (for Word Mark)
- Source Image File (for the Icon)
- Source File (IPA file)
- Name for the destination folder

## 3. Run the tool

#### 3.1 Prerequisite

On this first version, an Internet connection is needed to run the tools.

In fact, an encrypted XML file: info.plist need to be modified and to facilitate the process as I don't have enough knowledge to modify the encrypted file, I created a ZIP file containing the unencrypted version of those files.

On the first launch of the tools:

- 1. A directory will be created: C:\Temporary
- 2. The ZIP File will be download from Internet (in fact on my blog)

#### 3.2 Download the tools

The tools are available from my blog at the following url:

For Secure Web: here

For Secure Mail: here

You will download ZIP file that need to be extracted, as result you will have EXE files:



New Secure Web Creator.exe

# AP

New Secure Mail Creator.exe

# 3.3 Let's go with Secure Web

1.	Double click on	New Secure Web Creator.exe	, the following w	vindow will appear
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	сіткіх			AP
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		biowset	or mansparent image nie	
		Brow	rse for Screen launch	]
		E	rowse for Icon file	]
		Bro	wse IPA Source file	
			Destination Folder	]
			Construction of the W	
			Create new Secure W	eb IPA <u>C</u> ancel

2. Provide the name you want for the new application

New Secure Web Creator		×
New Web App	Browse for Transparent image file	
	Browse for Screen launch Browse for Icon file	
	Browse IPA Source file	
	Destination Folder	
	Create new Secure We	ab IPA Cancel

3. Click on Browse for Transparent image file

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	🖬 Mail-Word		PNG File		27 KB		
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4. Select the file and click on **Open** 

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New Web App	]	
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	Browse for Screen launch	
	Browse for Icon file	
	Browse IPA Source file	
	Destination Folder	
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#### 5. Click on Browse for Screen launch

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6. Select the file and click on **Open** 

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New Web App		
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	Browse for Icon file	
	Browse IPA Source file	
	Destination Folder	
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7. Click on Browse for Icon file

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	🖬 Mail-Word	5/19/2017 5	PNG File		27 KB		
	🖬 WebLogo	5/19/2017 5	PNG File		5 KB		
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8. Select the image file and click on **Open** 

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C:\E2EVC\Sources\WebSplash.png	Browse for Screen launch	
C:\E2EVC\Sources\WebLogo.png	Browse for Icon file	
	Browse IPA Source file	
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9. Click on Browse for IPA Source file

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	Files of type:	Source	e File (.ipa)			$\checkmark$	Cancel		
					Dest	tination Folder	Help		
						Create	e new Secure We	b IPA Canc	el

10. Select the source file, in this example SecureWeb and click on **Open** 

w Secure Web Creator		AP
New Web App	l	
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C:\E2EVC\Sources\WebSplash.png	Browse for Screen launch	
C:\E2EVC\Sources\WebLogo.png	Browse for Icon file	
C:\E2EVC\Sources\SecureWeb-10.4.5.5.ipa	Browse IPA Source file	
	Destination Folder	
	<u>G</u> reate new Secure We	b IPA Cancel

#### 11. Click on **Destination Folder**

citrix.	Browse For Folder	×
	→ 1. Test → ADM → Analog	
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C:\E2EVC\Sources\WebLogo;	> Intel Maiso	
C:\E2EVC\Sources\SecureWe	Make New Folder OK Car	ncel
	Destination Folder	

12. You can create a new folder or select an existing one and click on  $\mathbf{OK}$ 

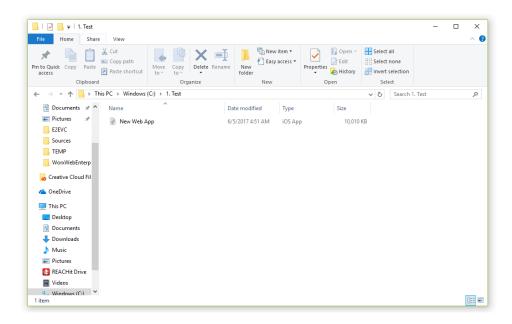
New Secure Web Creator		×
сітярх		AP
New Web App		
C:\E2EVC\Sources\WebWord.png	Browse for Transparent image file	
C:\E2EVC\Sources\WebSplash.png	Browse for Screen launch	
C:\E2EVC\Sources\WebLogo.png	Browse for Icon file	
C:\E2EVC\Sources\SecureWeb-10.4.5.5.ipa	Browse IPA Source file	
C:\1. Test	Destination Folder	
	<u> G</u> reate new Secure We	eb IPA Cancel

#### 13. Click on Create new Secure Web IPA

CITRIX		
		A
New Web App	ob completed	×
	Your new IPA File is in your destination folder	
C:\E2EVC\Sources\WebWord.png		
C:\E2EVC\Sources\WebSplash.png	ОК	
C:\E2EVC\Sources\WebLogo.png	Browse for Icon file	
C:\E2EVC\Sources\SecureWeb-10.4.	5.ipa Browse IPA Source file	
C:\1. Test	Destination Folder	

#### 14. Click on **OK**

The program is close and you can see you new IPA file in the folder:



# 4. Wrap the file

Since end of 2016 it's possible to wrap an IPA without a Mac by using Citrix Cloud Service.

Here after the steps:

1. Connect to <a href="https://mdx.xm.cloud.com">https://mdx.xm.cloud.com</a>

Citrix Cloud*	Username	
Move Faster, Work Better, Lower IT Costs	Password	
A single place to simplify delivery of Citrix technologies. Provide secure access to apps, data and IT tools. Deploy on any cloud or infrastructure.	Sign In	
	Your usemame or password is incorrect. Please try again.	
	Eargot your user hame or password? Context Support	
Don't have an account? Sign up and iny it free	Sign in with my company credentials	

2. Click on Start

E Citrix Cloud		u = * *
Overview Prepare John		
E.	Secure your enterprise mobile	
	Prepare your apps in 3 easy-steps!	
	Construction of the Application Package & Asset	Cruster Miller App

3. Upload the .IPA file

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	Overview	Propara	Jates .				
				Upload the application	n package		
				Upload an IPA or APK file.			
				His types read/to be * ips or * apil.			
				App Backage Chicks	- 1 Mar. (10)		

4. After successful upload of the file, a Verify App Details screen appear

Verify the information, upload your *Provisioning Profile*, your *Certificate* and *Certificate Password* and click on **Next** 

≡	Citrix Clou	4				
	COUCCOU	u				
	Overview	Prepare	jates			
				Upload the applic	ation package	
				Verify App Details		
				This is where you can set the app name	Acception, and various other properties.	
				App Name*:	804 Tel	
				Description*1	ted X	
				Application Type:	105	
				Application Version:	381.0-375	
				Minimum DI Version.	10	
				Maximum DI Version:		
				Excluded Devices	linite devices that should be excluded	
				MEX SBN Version:	15MS	
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				C Involues		Not 2

5. After the MDX services use the signing assets to modify the app, the **Create Mobile App** screen appears

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	Chervine	Prepare	juža.		
				Upload the application package	
				Create Mobile App Orose shards iterative. Instrumental	
				Censoa Box 2	

6. Download the wrapped MDX application package (.mdx file)



# 5. Upload the MDX

After the creation of the MDX File, the next step is to upload it on the XMS Server.

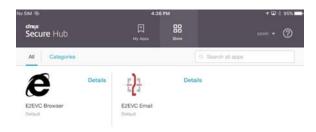
I will not explain here how to do it, I can imagine that everyone who is reading this document know how to do this.

# 6. Tests

6.1 Download the MDX



1. Open Secure Hub

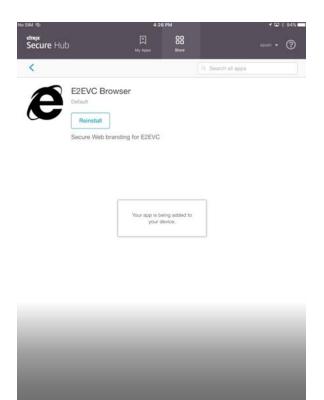




2. Tap on the New App (here in this example new Secure Web which name is E2EVC Browser)



3. Tap on **Add** to install the App



4. The App is installed on your device



## 6.2 Open the MDX

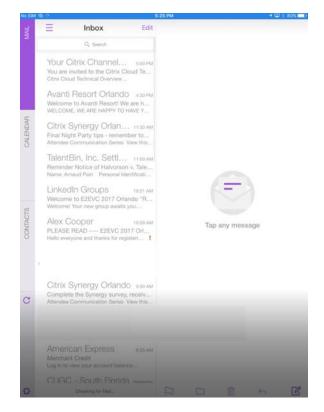
Note: We can see that name and icon appear as defined in the tool after installation.



1. Tap on the App to open it



2. Launch screen and Word mark appear as modified



## 7. Next Steps

For now the tool required an Internet connection to run.

I find a way to make it possible to run without an Internet connection and I need to modify the code, this will be in the next release.

If you have any question, suggestions, feel free to reach me:

- On my blog: <u>http://arnaudpain.com</u>
- On twitter: arnaud\_pain