

# MatchBox+ Master Plan Converter

## Overview

### Version: 1.0.2\_Beta

This is an UI app, it support edit/save csv file, and it also can convert `Masterplan.csv` to `Init.csv`, `Main.csv`, `Teardown.csv`, `[$Tech].csv`.

## Install

- This app is already included `.py` and `libs`, so you don't need to install any python env or libraries.
- Download the pkg file from [rdar://82782596](https://rdar://82782596), and install it.

If any release, I will upload to this radar.

- **MatchBox+ MasterPlan Converter UI.app** will be under `/Applications/`.
- There is an template located in `/Users/Shared/MatchBox+ MasterPlan template/`. Then you can copy the `/Assets/` folder to any path you want.

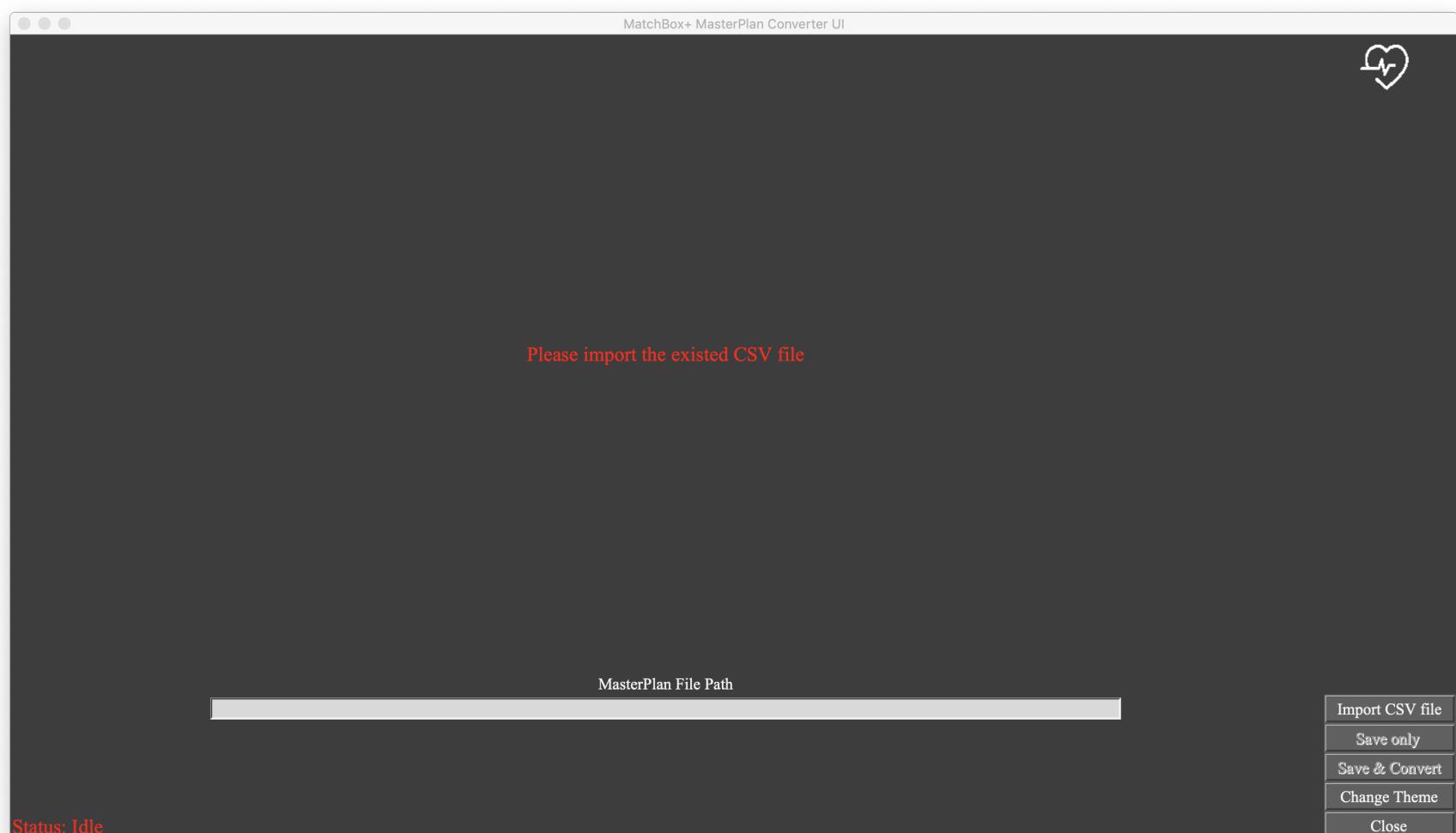
### ⚠ Warning

Due to someone's mac don't have the access to edit the file under `/Users/Share/`, please must to copy the template to other path.

If you don't have the access of that path, the app will not be able to save the file.

## How to use the app

- Open the app, of course.



- Use the **Import CSV file** button to select the csv file you want to view or edit.

MatchBox+ MasterPlan Converter UI

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Group	TestName	Technology	TestActions	Disable	Production	Audit	Thread	Policy	Loop	Sample	SOF	Condition	Input	Output	Timeout
2	Init	Kill the Tcprelay Init	RFCoex	Common:executeShellCmd	Y											5.0
3		Get Battery Level	RFCoex	Common:send_ADC_command	Y										[BatteryLevel]	5.0
4				Common:executeShellCmd											[BatteryLevel]	
5				Common:createParametricRecord											[BatteryLevel]	
6				Common:executeShellCmd											[BatteryLevel]	
7																
8		Report Station Attributes	Reporting													
9				Common:executeShellCmd											(limitsVersion)	
10				DataReporting:limitsVersion	Y											
11				Common:send_ADC_command	Y										[serialNumber]	10.0
12				Common:send_ADC_command	Y											
13				DataReporting:primaryIdentity	Y											
14	Main	Delete and Re-create Astro folder	RFCoex													
15				Common:executeShellCmd											[AstroDir]	
16				Common:send_ADC_command											[AstroDir]	10.0
17				Common:send_ADC_command												
18		Get DUT USBID	RFCoex													
19				Common:getDeviceTransport											[LocationID]	
20				Tech:grabUSBID											[USBID]	
21		Launch Tcprelay Port	RFCoex													
22				Common:getDeviceIdentifier	Y										[Slot_num]	5.0
23				Common:calculator	Y										[PortOffset]	5.0
24				Common:calculator	Y										[LocalHost]	5.0
25				Common:executeShellCmd											[PortOffset],[USBID]	
26		Get config and write into json	RFCoex													
27				Common:executeShellCmd	Y										[cfgJsonPath]	5.0
28				SFC:getAttributes	Y										[SIP_cfg]	5.0
29				SFC:getAttributes	Y										[config]	5.0
30				SFC:getAttributes	Y										[product]	5.0
31				Common:executeShellCmd	Y										[SIP_cfg]	
				Common:executeShellCmd	Y										[config]	

MasterPlan File Path: /Users/IsaacYang/Library/Atlas2/Assets/MasterPlan.csv

Status: Idle

Buttons: Import CSV file, Save only, Save & Convert, Change Theme, Close

- If you want to edit the csv file, you can use this app like excel/number.

MatchBox+ MasterPlan Converter UI

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MasterPlan File Path: /Users/IsaacYang/Library/Atlas2/Assets/MasterPlan.csv

Status: Idle

Buttons: Import CSV file, Save only, Save & Convert, Change Theme, Close

- After editing, you only need to click the **Save only** or **Save&Convert** button.

MatchBox+ MasterPlan Converter UI																	
1	Group	TestName	Technology	TestActions	Disable	Production	Audit	Thread	Policy	Loop	Sample	SOF	Condition	Input	Output	Timeout	
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				Common:executeShellCmd	Y											[config]	

## Note

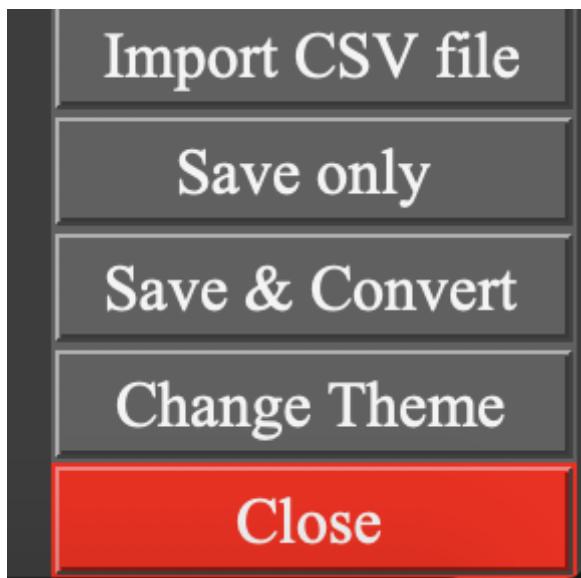
If you import not **MasterPlan.csv** file, the **Save&Convert** button will be disable.

**Save only Button:** it only save/overwrite the original csv file.

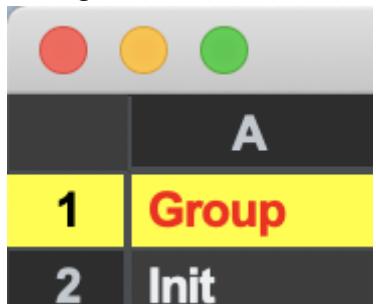
**Save&Convert:** it will save/overwrite the **MasterPlan.csv** and convert the **Masterplan.csv** to **\*\*Init.csv**, **Main.csv**, **Teardown.csv**, **[\$Tech].csv** (**under /Tech/ \*\* folder**)

- If you want to close the app you have the two way to left.

1. Using the **Close**button.(Bottom right corner)

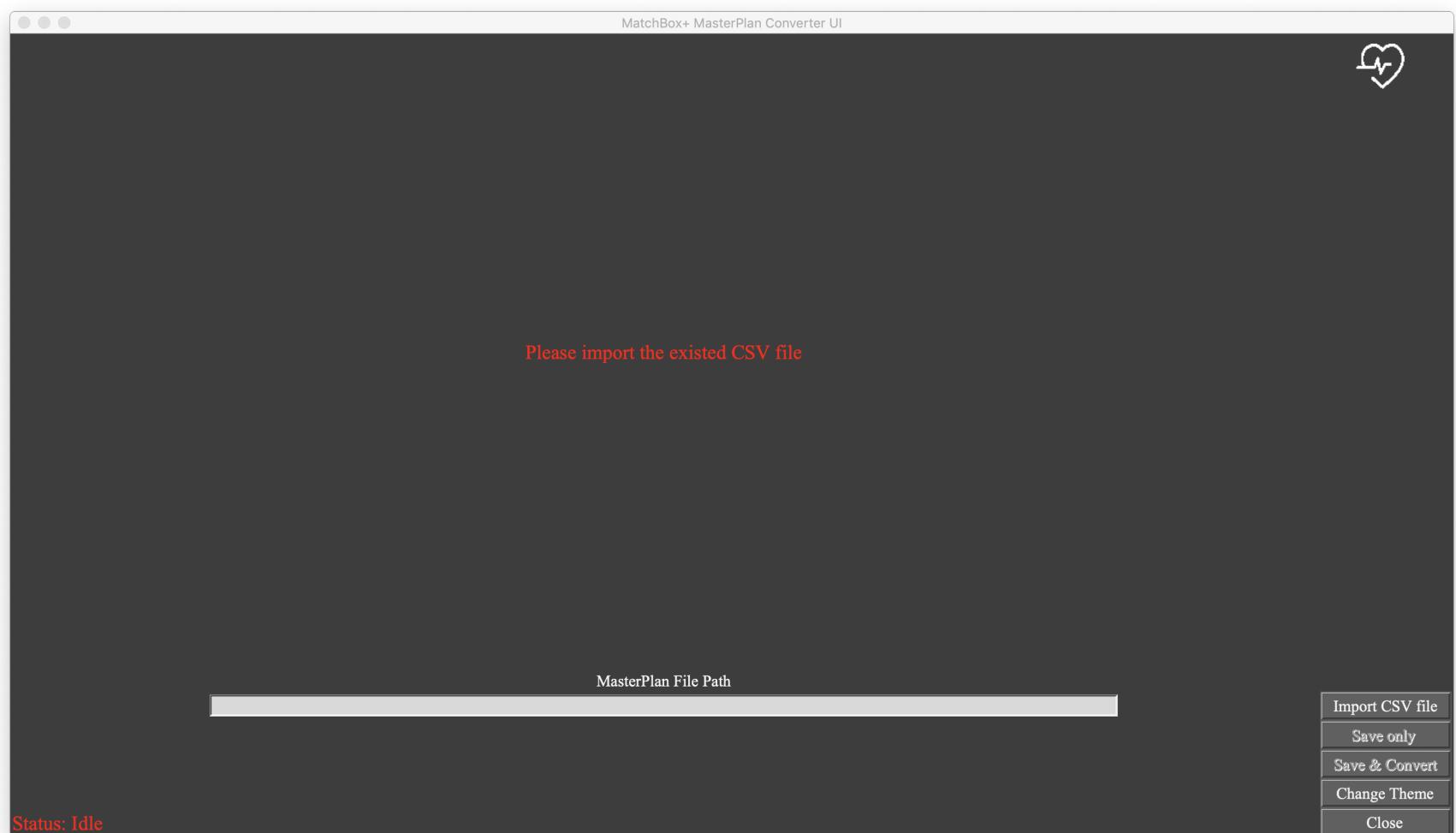


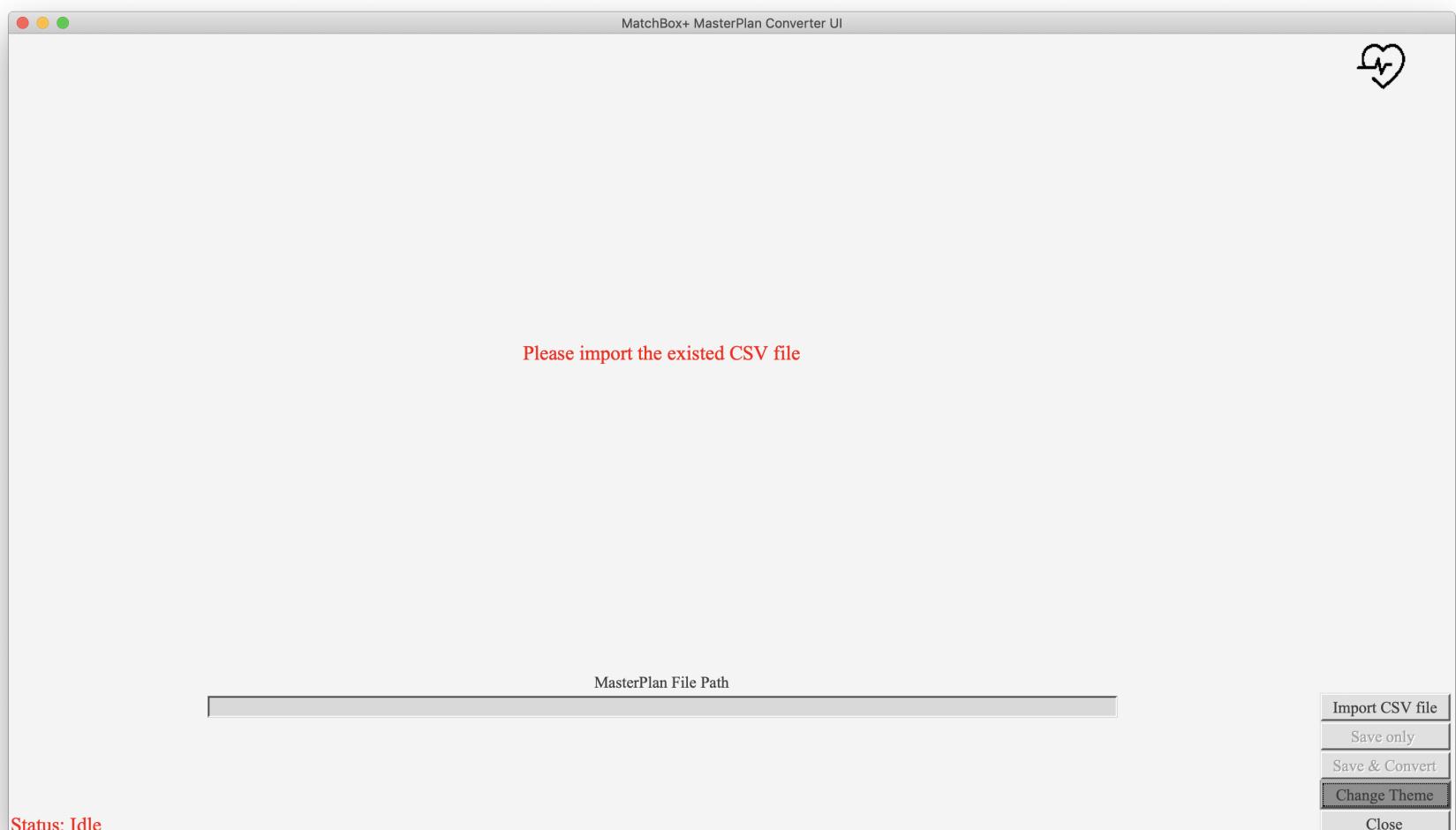
2. Using the **x** button the app original way. (Upper left corner)



## Others

- There is two (light/dark) theme in this app. Depend on which theme you like, you can click the **Change Theme** button to switch it, and the default is dark.





### By the way:

There is a document of **Atlas2-MatchBox** which Jean optimize the structure (the following will call **MatchBox+**) contained in this pkg.

The **MatchBox+Doc** is under `/Users/Shared/`, and this is only the template.

You also can check it, but there is only few things in that document.

### MatchBox+DOC entry

It is the `.html`, and you only need to double click the `MatchBox+.html`.

**MatchBox+**

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- What is Matchbox+ ?
- Why should we use the Matchbox+ ?

Matchbox+ is based on the official Matchbox's structure.

There are some easy/convenient ways to bring up a Atlas2 overlay.

Why should we use the Matchbox+ ?

It can keep the same structure of the overlays in HSSW stations.

It support more convenient ways than original's to bring up station.

We can execute a lot of functions/plugins only need to be written in CSV file. Almost the common things you need to do there're already contained in this structure.

Next →

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## Version History

- V1.0.0 :
  1. This is the beta version.
- V1.0.1:
  1. Fix missing test action bug, during converting to `Init.csv`, `Main.csv`, `Teardown.csv`
  2. Add the Status at the bottom left corner of this app

- `Idle`, `Saving`, `Converting`, `done`
- V1.0.2\_Beta:
    1. Fix the right clicking the row to choose the Insert row below bug. (Upgrade the `tksheet` from 5.0.30 to 5.0.32)
    2. Fix the duplicate `TestName` (all test actions) in `[$Tech].csv` bug.  
When you use the same `TestName` in the same `[$Tech].csv`, it will only show once and will be the first `TestName`'s actions' in `MasterPlan.csv`.
    3. Support different `MasterPlan.csv` to convert to the same `Init.csv`, `Teardown.csv`, but different `Main.csv` (ie `$Prefix-Main.csv`, this `$Prefix-` is grab from the `MasterPlan.csv` file's prefix.)  
And the `[$Tech].csv` will be updated not overwrite any more.
    4. Make the UI smoother when changing the theme.