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### 1.) Installation

Download the installer only after receiving your license key in an e-mail.

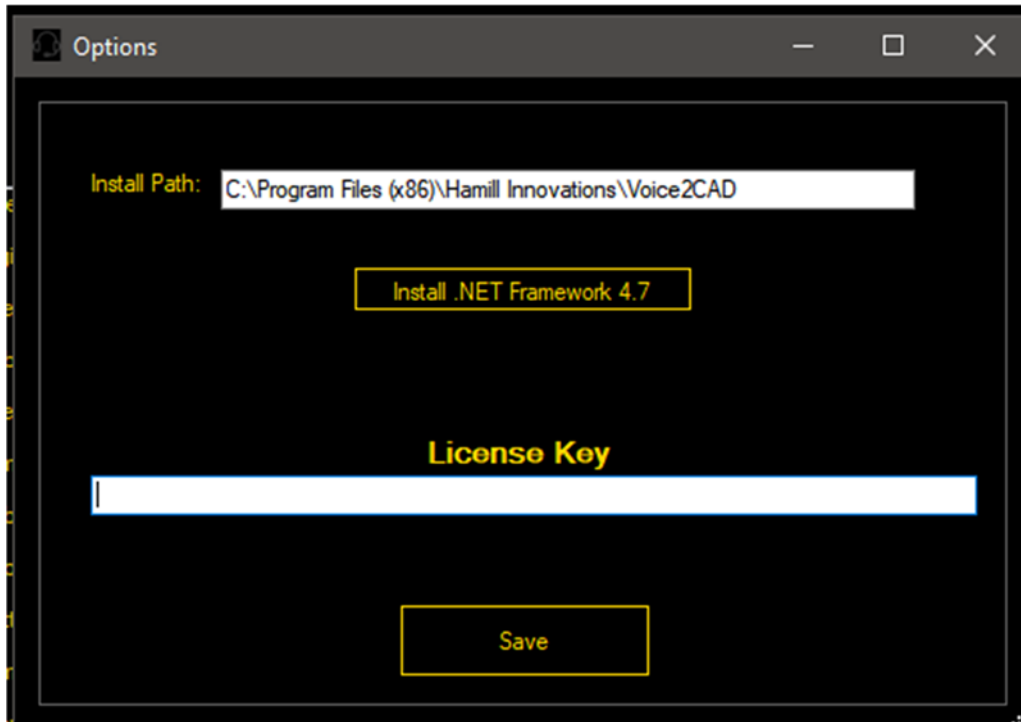
Unzip the file and save the contents to your desktop in a folder called "Voice2CAD". You will have to create this folder yourself.

Right click the Voice2CAD launcher.exe file that was saved to your desktop and click "Run as administrator".

If you get a dialog box saying "Windows protected your PC", click on "more info" and then click "Run anyway"

The Voice2CAD Launcher will now open.

In the upper right hand corner of Voice2CAD, click on settings. Here you will copy and paste the license key that you received in an email from support. Click save and close the window.



Now, click install at the lower right hand corner of the window. This may take a few minutes as the launcher verifies the license key.

Once complete, click "launch" in the lower right hand corner and this will open Voice2CAD. It may minimize automatically so click on the blue "2" icon on the start bar to bring Voice2CAD back up.



Settings

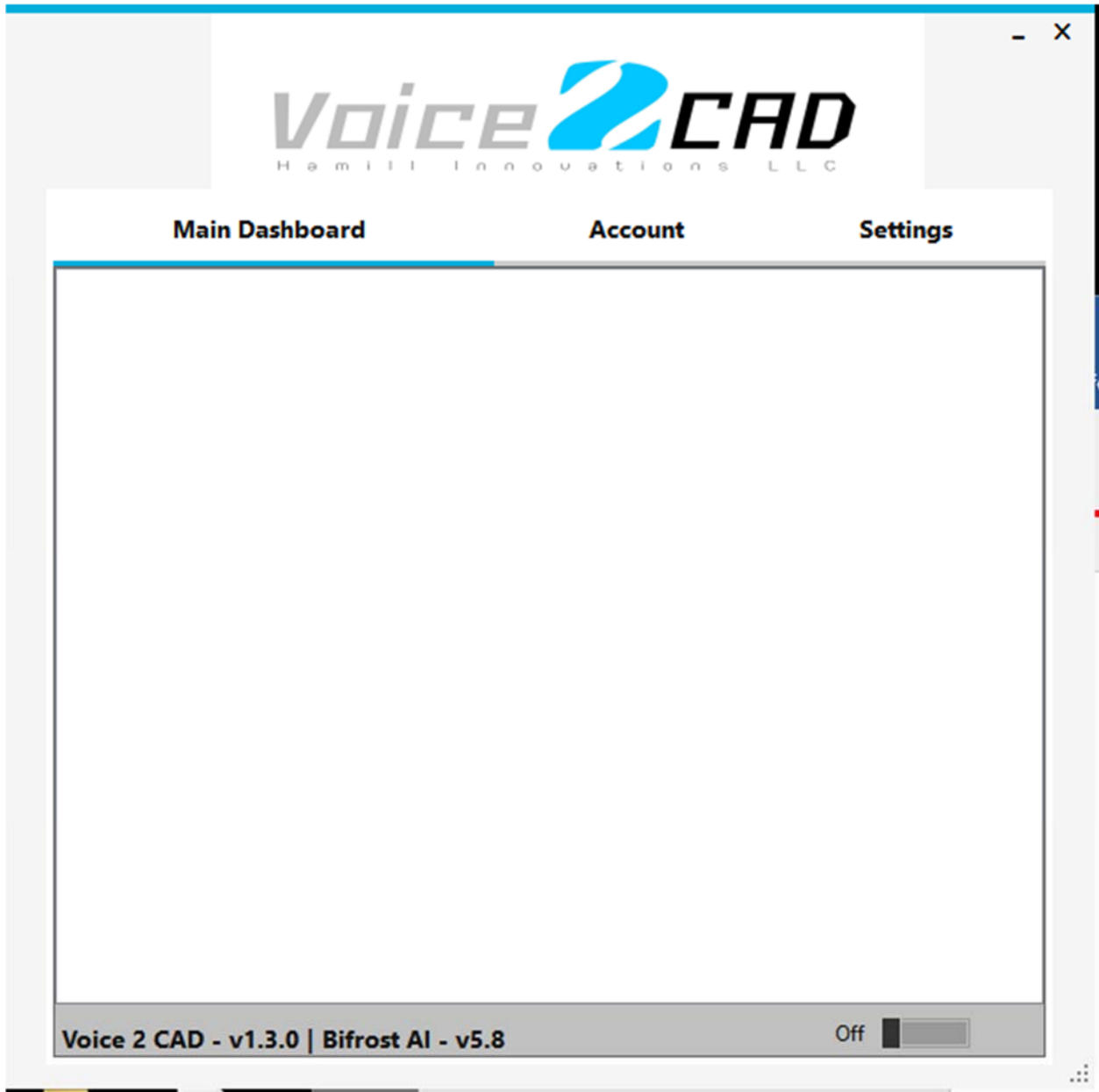
1.2.11 patch notes-----

- Implemented login service to launcher. Currently deactivated until server and website are up.
- Implemented licensing agreement and gathered all the licenses for the DLLs.
- Added key combo function to allow for long key combos
- Fixed excel sheet filepath loadup. Excel sheet filepath wasnt updating on startup
- Fixed HOLD1 times from instant to under 800ms
- Fixed capslock button. Wasnt glowing properly on startup so it looked like it needed to be activated which made it require 2 clicks to activate.
- New clipboard tool that can be called by saying Clipboard. It allows you to select and copy from list of previous copies
- All buttons in settings panel have been linked with the proper item - guide, website, excel file
- Tray Icon system now has a menu with Guide, website and open excel sheet buttons
- Switch Theme option fully working with Day and Night theme
- Added similarity system to command search algorithm
- Added new logos and icons.

**Voice 2 CAD Updated!**



Launch



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## 2.) Configuration

After installation, Voice2CAD is ready to setup.

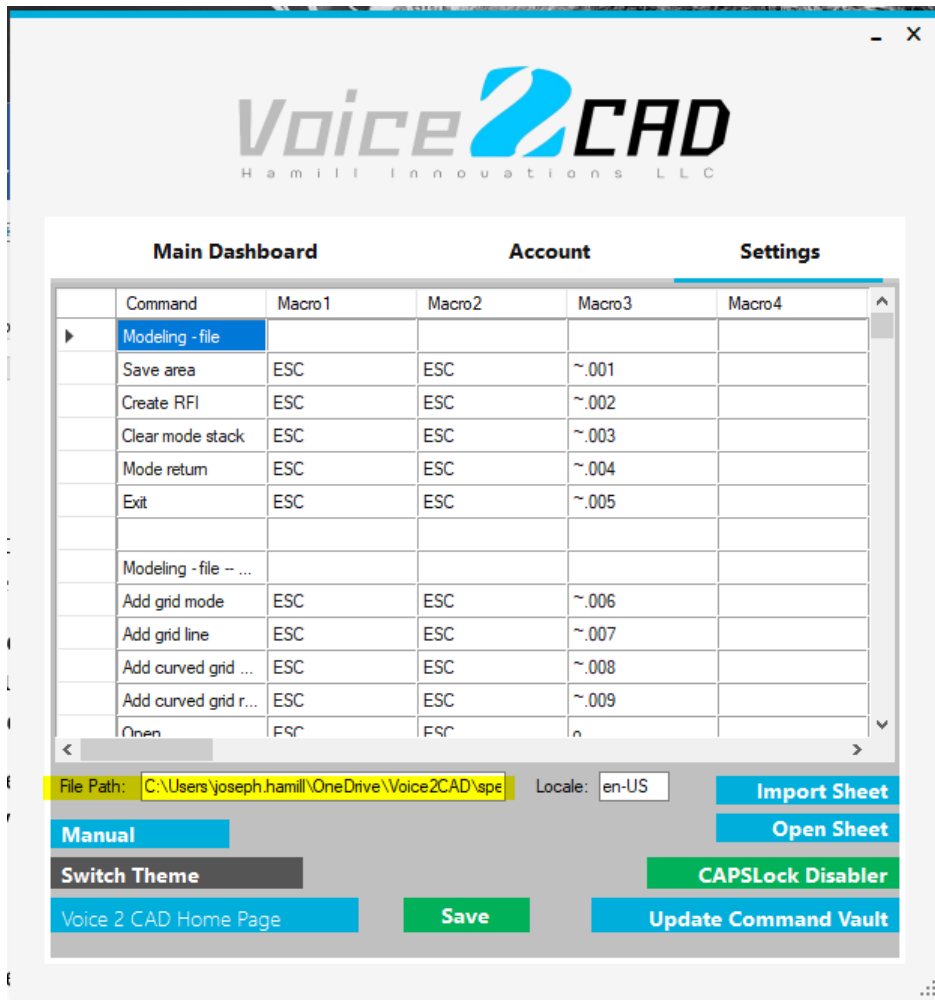
First, go to the folder you save voice2CAD in and right click on the voice2CAD launcher.exe file and click on “send to” and then “desktop

(create shortcut)". You can rename this shortcut to whatever you want. You can use this shortcut to open voice2CAD in the future.

Create a folder somewhere else on your computer to save your templates in. You can either use a blank template or download the template you need from the [resources](#) page on Voice2CAD's website.

In order for Voice2CAD to pull the information from the template, you will have to copy and paste the filepath for the template spreadsheet you want to use into the filepath field in voice2CAD. See image below.

To easily copy the filepath, go to the excel sheet that you want to use as a template (autocad,sds/2, etc.), Hold SHIFT and right click on the file and then choose "copy as path". Paste the path into the yellow field. Once the file path is pasted, remove the quotes (""") from the beginning and end of the path name.



Next, click on the import sheet button and then update command vault. This will import the speech commands from the excel sheet into Voice2CAD. Close Voice2CAD and re-open it to refresh the changes.

Anytime you edit the template, make sure you close out of voice2CAD, make the changes to the template, and then re-open Voice2CAD. The changes will automatically be re-imported and refreshed.

If you get an error, it could be that the excel sheet you are trying to import is open. Close the excel sheet and try opening Voice2CAD again.

Also, if you have duplicate commands in excel, you will get an error as well. Close Voice2CAD, delete the duplicates, save and close the excel sheet and open Voice2CAD again.

We recommend switching to the “light theme”. Click on “switch theme” in the settings section of Voice2CAD and then click the “save” button. Voice2CAD will always open in “light theme”.

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## Template Design

The first column is what Voice2CAD listens for and the next columns to the right are what Voice2CAD types out for you. Each row is a voice command and each column are separate instances of what the command types out or executes.

You can create very long macro strings this way to perform various tasks.

Here are a list of identifiers that are inserted before a macro that will perform certain functions for you.

\* - Run - allows the user to launch apps, websites, or individual files.

EX: \*http://google.com or \*C://Users/User/Desktop/app.exe

! - Delay - allows for delay input in between macros. Timespan is in milliseconds EX: !20 or !40. Use these in their own cell between commands.

# - Copy to Clipboard. This instantly copy and pastes long text strings.

Ex. #Voice2CAD by Hamill Innovations, LLC.

Keep in mind that if you already have something copied and then say a command that uses the “#” function, you will lose that data because you are copying and pasting the text in this command.

~ - Type string. Most of your shorter commands will use this function. Voice2CAD will very quickly type out everything you have after the “~” when you say the command name.

Keep in mind that for very long text strings, it is best to use the “#” function because it pastes your data virtually instantly. However, it uses the copy and paste feature of your computer and you will lose anything that was previously in the clipboard to be pasted.

abc - single key. This allows the user to input single keyboard keys. Must be lower case. EX: a or z. If you want to send only one letter or number, then you do not have to precede the data with “~” or “#”. The entire cell only needs the single character you wish to send.

**Hold** – Add “HOLD1” or “HOLD2” in front of a key name to hold the key down for either 1 or 2 seconds. If you wanted to hold the shift key down, you would enter into a cell “HOLDSHIFT1”. You can hold down multiple keys this way as well. Just enter into the next column the next key to hold down and for how long. Ex. “HOLDCTRL1” and next column is “c”. This will execute the copy command.

The list below is how the key needs to be typed out in the excel sheet in order for Voice2CAD to execute the command.

WIN

PASTE

ENTER

CTRL

CAPSLOCK



ALT

DELETE

TAB

SPACE

SHIFT

INSERT

HOME

END

PAGEUP

PAGEDOWN

ESC

PRINTSCREEN

SCROLLLOCK

PAUSEBREAK

EXCLAMATION

DIVIDE

EQUALS

MULTIPLY

SUBTRACT

ADD

NUMLOCK

NUMPAD0

NUMPAD1

NUMPAD2

NUMPAD3

NUMPAD4

NUMPAD5

NUMPAD6

NUMPAD7

NUMPAD8

NUMPAD9

UP

DOWN

LEFT

RIGHT

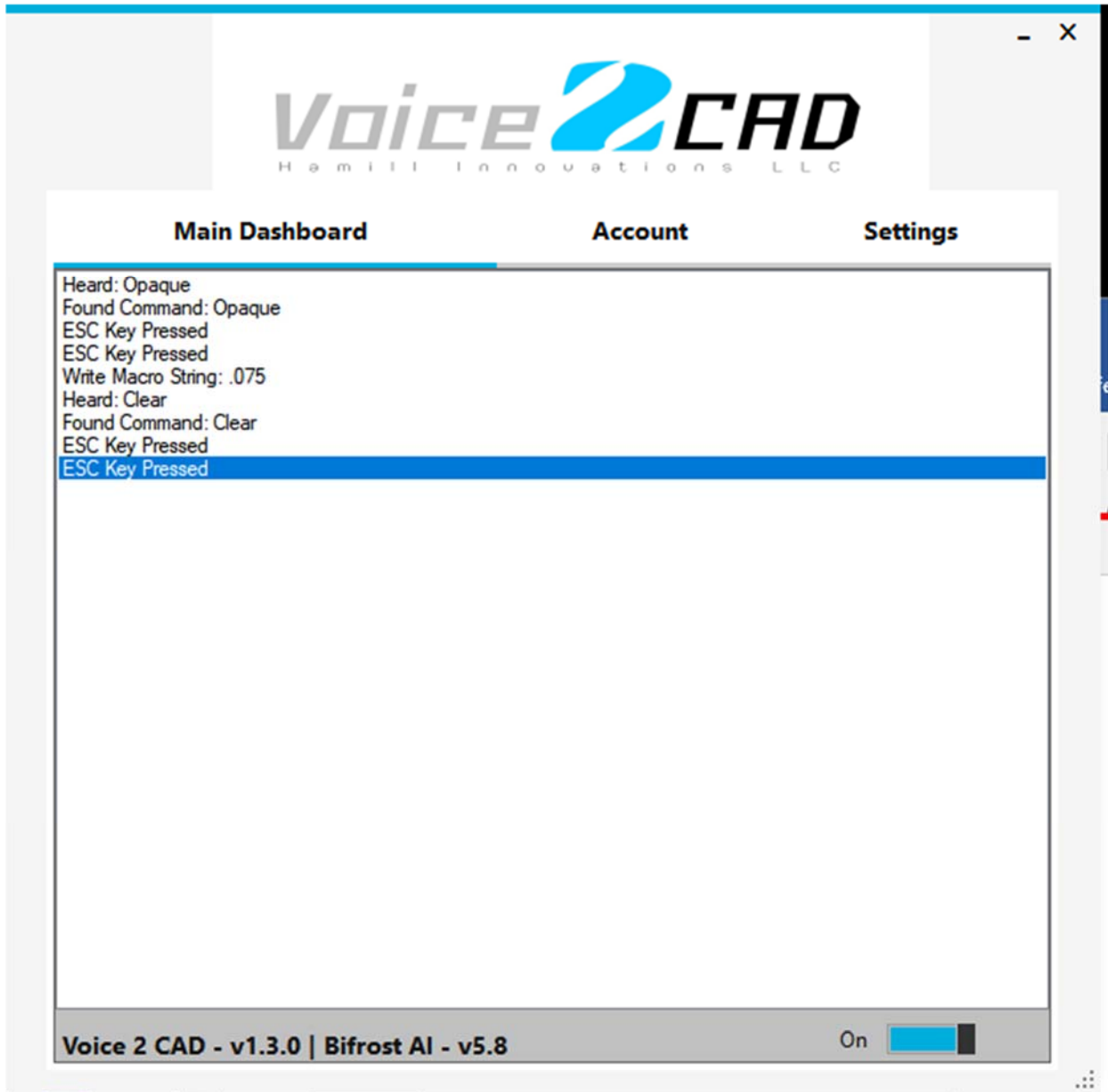
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## 3.) Usage

Once you have the excel sheet imported, go to the “main dashboard” and click the button in the lower right hand corner to turn your microphone on.

The more commands you have and depending on your computer’s performance, the longer it will take for this button to turn on. It is usually pretty quick unless you have over 40,000 commands. Once the microphone turns on, you are ready to start saying commands.

Say one of your commands and Voice2CAD will tell you what it heard and then show you what keys it sent. Try opening notepad and experimenting with commands to see how it types everything out. Just make sure the cursor is blinking in the areas that you wish Voice2CAD to type in.



Voice2CAD runs in the background as you say commands during your workflow. You can minimize it and work as normal.

#### 4) Account

This tab in Voice2CAD allows you to see your membership information with the expiration date. This information is pulled from the license key that was provided to you. If any of this information seems incorrect, contact [voice2CAD@gmail.com](mailto:voice2CAD@gmail.com) and we will get it resolved. By downloading Voice2CAD, you agree to our [terms and conditions](#). Sharing, duplicating, or re-selling license keys are prohibited unless authorized in writing by Hamill Innovations, LLC.

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## 5) Listening devices

Speech recognition is only as good as the quality of microphone and the quality of speech that it is interpreting. There are many great headsets available and we recommend one that is wireless with a flip up mic boom that turns off when in the up position. If you want higher recognition accuracy, then a wired headset is preferred. The minimal amount of extra effort in enunciating on a wireless headset greatly outweighs being wired to your computer. However, this is totally up to you. If you have a laptop, the built in microphone will be enough to get you started and works surprisingly well. Some users prefer using a desktop mic with a mute button easily within reach.

In some cases, Voice2CAD will not understand commands because they are not in the English dictionary and therefore not in the speech library. There are ways around this but you will need to contact [voice2cad@gmail.com](mailto:voice2cad@gmail.com) for complete instructions.

Voice2CAD will learn enunciations and improve over time, however there is a faster way. Close Voice2CAD and open speech recognition. You can access this by searching “speech recognition” in the start bar on your computer.

Then click on “train your computer to better understand you”. Go through the tutorial and read through the text into your microphone. Windows speech will start learning how you enunciate different words and start building its knowledge about your voice. If at any time the tutorial freezes up, click pause and then resume.

Close speech recognition and open Voice2CAD.

In most cases, Voice2CAD will show an error if you have both programs open at the same time.

If you have any more questions, suggestions or concerns, Please contact [voice2cad@gmail.com](mailto:voice2cad@gmail.com).

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