

# CROWDSIGHT TOOLKIT

## AUTO-START GUIDE

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## INTRODUCTION

This guide shows how you can restart Crowdsight Toolkit 3.2.0 automatically each time Windows 10 reboots.

CrowdSight Toolkit comes with a sample batch file that you can run on startup to automatically start CrowdSight Toolkit. You can find it in the same directory where you installed CrowdSight Toolkit. If you did not change it during installation, the location is:

```
C:\Program Files (x86)\CrowdSight-Toolkit\start.bat
```

Since files under C:\Program Files (x86)\ directory require administrator privileges to edit, instead of trying to edit start.bat directly, make a copy of it on Desktop.

Right click the copy of start.bat you just made on your Desktop and select Edit

This should open the file for editing in Notepad or the default text file editor configured on your machine.

On line 13 of start.bat, you will see:

```
SET CAMERA_NAME=cam_01
```

Change this to the name of your own camera. Typically, this is the same name as the one you filled in the 'Location Label' textbox on the Output tab of CrowdSight Toolkit. We recommend not using spaces in the camera name. If for some reason you must, please make sure you use double quotes around the camera name e.g.

```
SET CAMERA_NAME="Entrance Cam"
```

Next you need to know whether you are going run CrowdSight Toolkit standalone or together with CrowdStats.

## STANDALONE CONFIGURATION

### 1. If you are using Crowdsight Toolkit with a standalone time based license key

(please see [this section](#) if you'd like to run with a CrowdStats application key instead):

1.1. For running CrowdSight Toolkit standalone, you need a license key. Edit the next line and set it there:

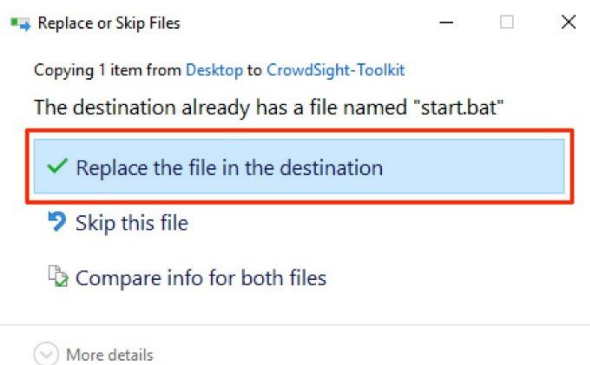
```
SET LICENSE_KEY=set_time_based_license_here
```

Replace set\_time\_based\_license\_here with your own 32-letter key. For example:

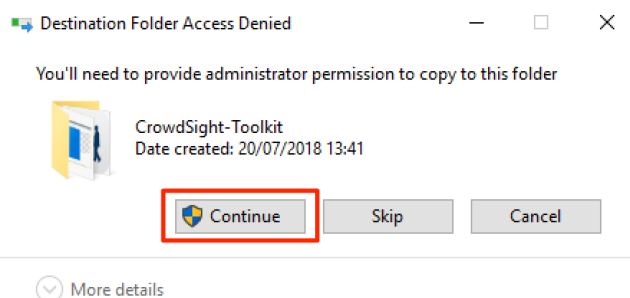
```
SET LICENSE_KEY=bb27565142d04e44c9aa13a45eb891d8
```

(The key above has been shown as an example only, please make sure you are using your own key and **not** copying pasting the one above)

1.2. Save the file. And copy it back into the Crowdsight Toolkit installation directory. File Explorer will warn you that the destination already has a file named "start.bat":



Select 'Replace the file in the destination option'. In case File Explorer prompts you to grant administrator permission, please grant it by clicking the Continue button:



1.3. Double click start.bat from Explorer. Make sure you are double clicking the one in CrowdSight Toolkit installation directory and not the copy you made on desktop.

CrowdSight Toolkit should now start. Exit CrowdSight Toolkit.

1.4. If you'd like for CrowdSight Toolkit to start up without a visible user interface, edit the copy you made on the Desktop again, go to line 32 and remove the --nohide switch.

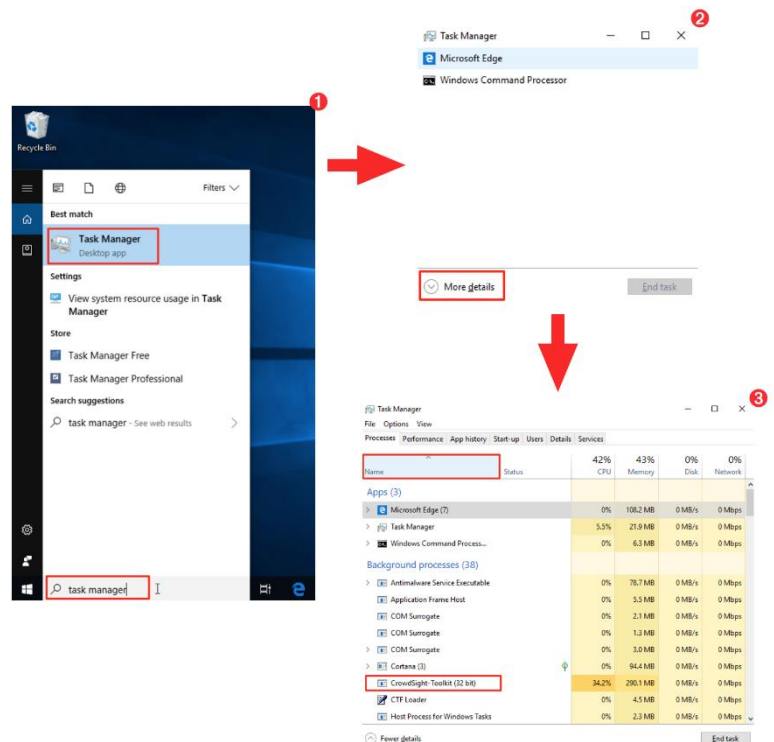
i.e. change this line:

```
START CrowdSight-Toolkit.exe --capture 0 --camera-name
%CAMERA_NAME% --crowdsight-license %LICENSE_KEY% --config-path
%CONFIG_PATH% --nohide
```

To:

```
START CrowdSight-Toolkit.exe --capture 0 --camera-name
%CAMERA_NAME% --crowdsight-license %LICENSE_KEY% --config-path
%CONFIG_PATH%
```

Repeat step 1.2. to make sure your changes are copied over. Double clicking start.bat from the Crowdsight Toolkit installation directory will launch Crowdsight Toolkit again but this time its window won't be visible. If you are using a camera with an indicator light, it should come on. You can also look for Crowdsight-Toolkit under the process list in Task Manager to make sure that it has indeed started:



Before we move on to the next stage, it's important to make sure that you are able to start CrowdSight Toolkit using the steps above. If it doesn't start, please double check that:

- a. the edits you made to start.bat are correct (e.g. the license key)
- b. you've copied the latest version with all your edits to the Crowdsight Toolkit installation directory

Crowdsight Toolkit also write a log file to help troubleshoot any problems with it. If you are using the default configuration directory, you'll find it under:

C:\Users\<>your username>\AppData\Local\CrowdSight-Toolkit\log

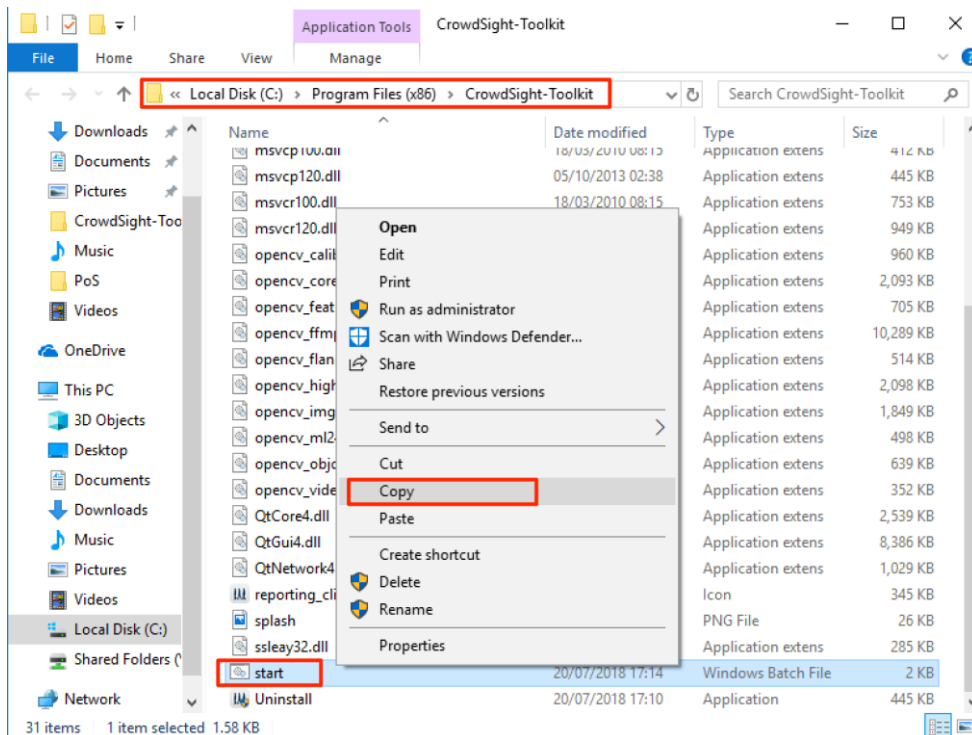
Otherwise, there'll be a log directory under your custom configuration directory.

## WINDOWS CONFIGURATION

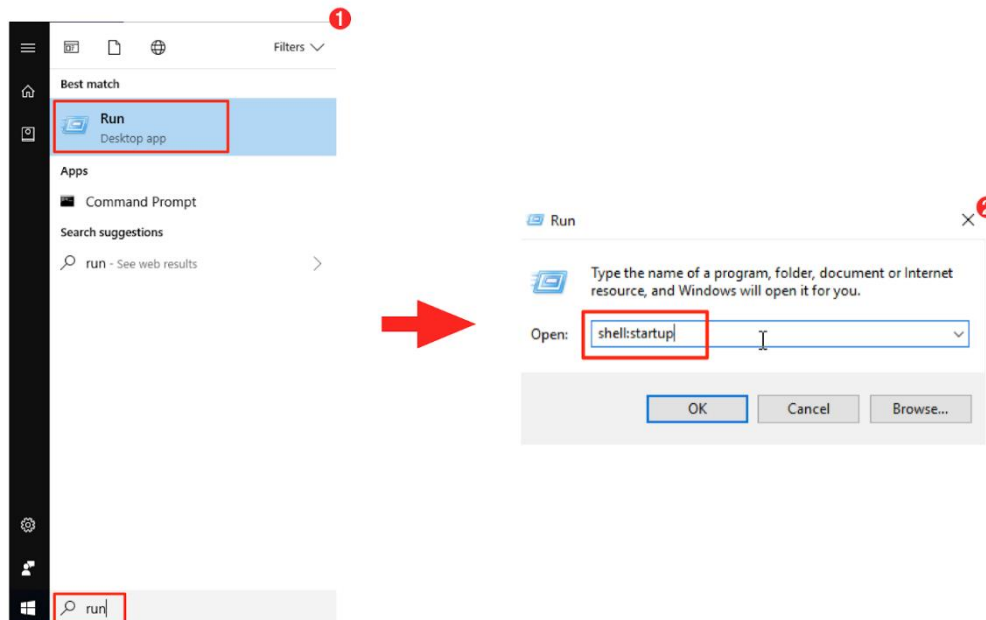
### 2. Configuring Windows to run start.bat automatically on restart

Once you are confident that start.bat works, you can configure Windows to run it when it boots up.

2.1. Go to the Crowdsight Toolkit installation directory, right click the start.bat file and choose Copy:



2.2. Bring up the Run dialog (you can press the Win+R key or type Run in Start Menu) and in the Run dialog type shell:startup



2.3. This will open your startup folder in File Explorer. Right click anywhere in the folder and click the Paste Shortcut option.

2.4. Restart Windows and to check that CrowdSight Toolkit starts up. Running with a CrowdStats application key

## CROWDSTATS CONFIGURATION

3. If you are using CrowdSight Toolkit along with CrowdStats:

3.1. If you are using Crowdsight Toolkit with CrowdStats, then instead of a standalone time-based license key, you need a CrowdStats application key. Edit line 15 from:

```
SET APPLICATION_KEY=set_application_key_here
```

to:

```
SET APPLICATION_KEY=c14345cd683546b390b132cea3aaccf9
```

(The application key above has been shown as an example only, please make sure you are using your own application key and **not** copying pasting the one above)

3.2. Comment out line 32 as it's meant for users with a time-based license key. That is, change it from:

```
START CrowdSight-Toolkit.exe --capture 0 --camera-name  
%CAMERA_NAME% --crowdsight-license %LICENSE_KEY% --config-path  
%CONFIG_PATH%
```

to:

```
REM CrowdSight-Toolkit.exe --capture 0 --camera-name  
%CAMERA_NAME% --crowdsight-license %LICENSE_KEY% --config-path  
%CONFIG_PATH%
```

3.3. Move down to line 37 and uncomment it. That is, change it from:

```
REM CrowdSight-Toolkit.exe --capture 0 --camera-name  
%CAMERA_NAME% --crowdstats-application %APPLICATION_KEY%  
--config-path %CONFIG_PATH% --nohide
```

to:

```
START CrowdSight-Toolkit.exe --capture 0 --camera-name  
%CAMERA_NAME% --crowdstats-application %APPLICATION_KEY%  
--config-path %CONFIG_PATH% --nohide
```

3.4. Save the file and copy it back to the CrowdSight Toolkit installation directory. Double click start.bat from the CrowdSight Toolkit installation directory and make sure that it launches CrowdSight Toolkit normally.

3.5. If you'd like for CrowdSight Toolkit to start up without a visible user interface, edit the copy you made on the Desktop again, go to line 37 again and remove the `--nohide` switch.

i.e. change this:

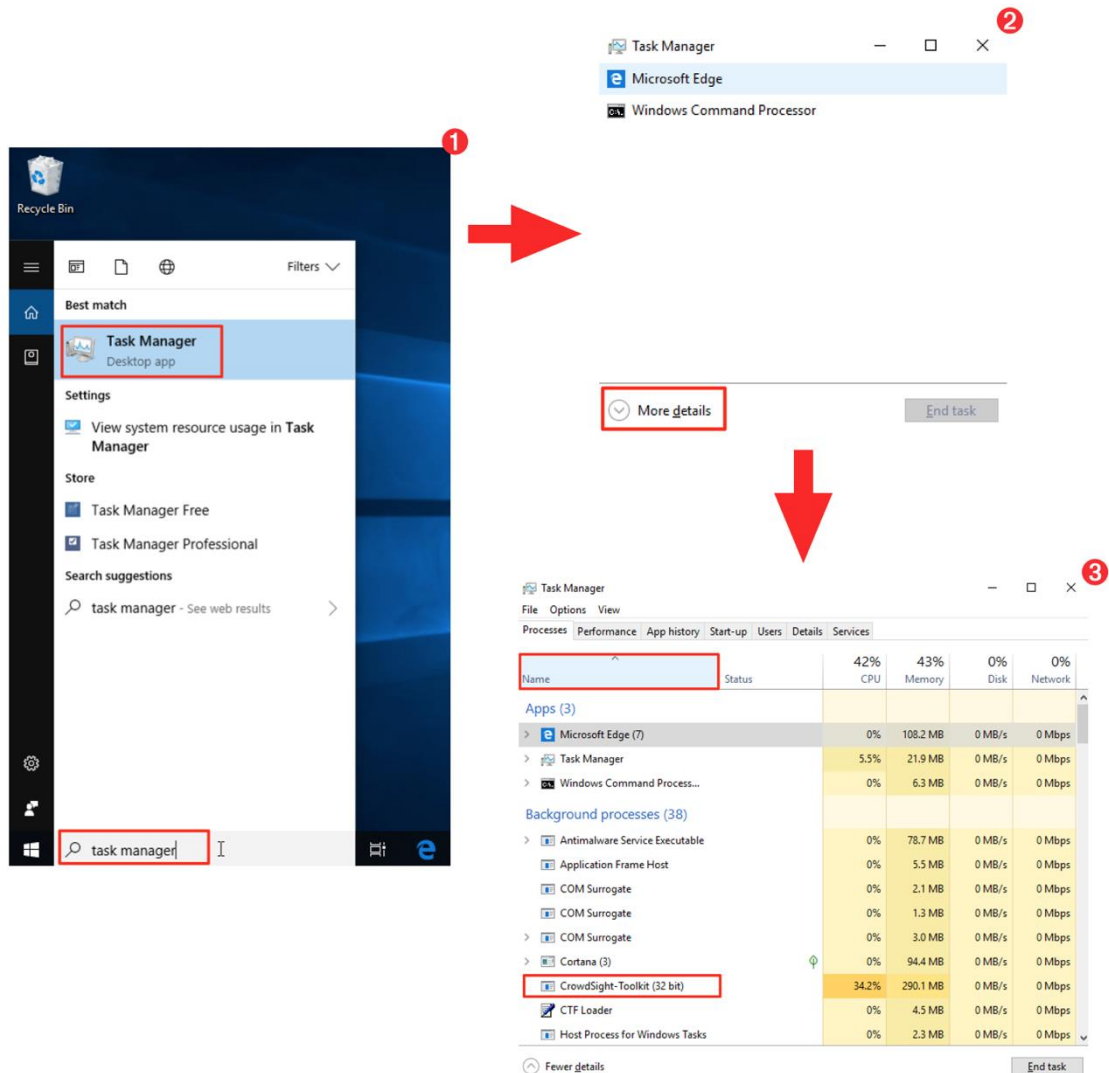
```
START CrowdSight-Toolkit.exe --capture 0 --camera-name  
%CAMERA_NAME% --crowdstats-application %APPLICATION_KEY%  
--config-path %CONFIG_PATH% --nohide
```

to:

```
START CrowdSight-Toolkit.exe --capture 0 --camera-name  
%CAMERA_NAME% --crowdstats-application %APPLICATION_KEY%  
--config-path %CONFIG_PATH%
```



Don't forget to save your changes and copy over the start.bat to the CrowdSight Toolkit installation directory! Double clicking start.bat from the Crowdsight Toolkit installation directory will launch Crowdsight Toolkit again but this time its window won't be visible. If you are using a camera with an indicator light, it should come on. You can also look for Crowdsight-Toolkit under the process list in Task Manager to make sure that it has indeed started:



You can now go to [this section](#) and configure Windows to run start.bat upon booting up.