Linux DeepSight Toolkit Quick Start Guide
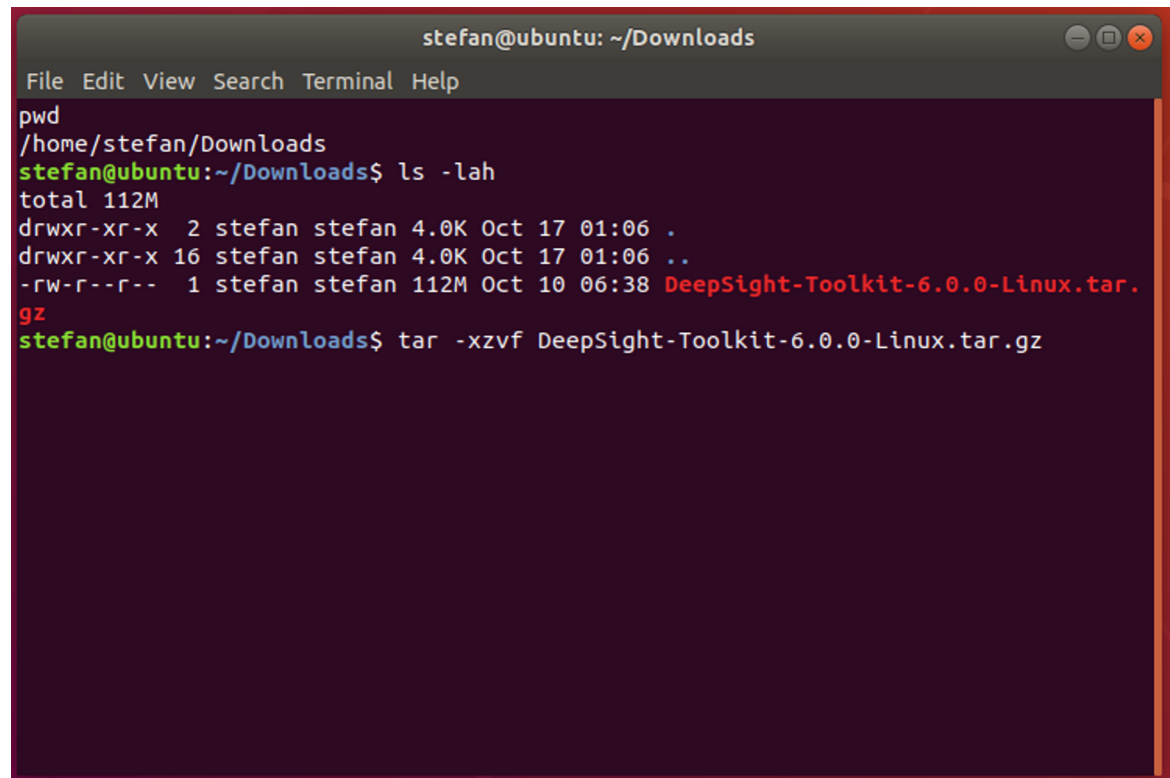
Welcome! This quick start guide will help you get the DeepSight Toolkit up and running in 3 simple steps.

STEP 1

- Download DeepSight Toolkit (see email);
- Unpack the .tar.gz file file at your preferred location using tar -xzvf followed by the file name;


```
stefan@ubuntu: ~/Downloads

File  Edit  View  Search  Terminal  Help
pwd
/home/stefan/Downloads
stefan@ubuntu:~/Downloads$ ls -lah
total 112M
drwxr-xr-x  2 stefan stefan 4.0K Oct 17 01:06 .
drwxr-xr-x 16 stefan stefan 4.0K Oct 17 01:06 ..
-rw-r--r--  1 stefan stefan 112M Oct 10 06:38 DeepSight-Toolkit-6.0.0-Linux.tar.gz
stefan@ubuntu:~/Downloads$ tar -xzvf DeepSight-Toolkit-6.0.0-Linux.tar.gz
```
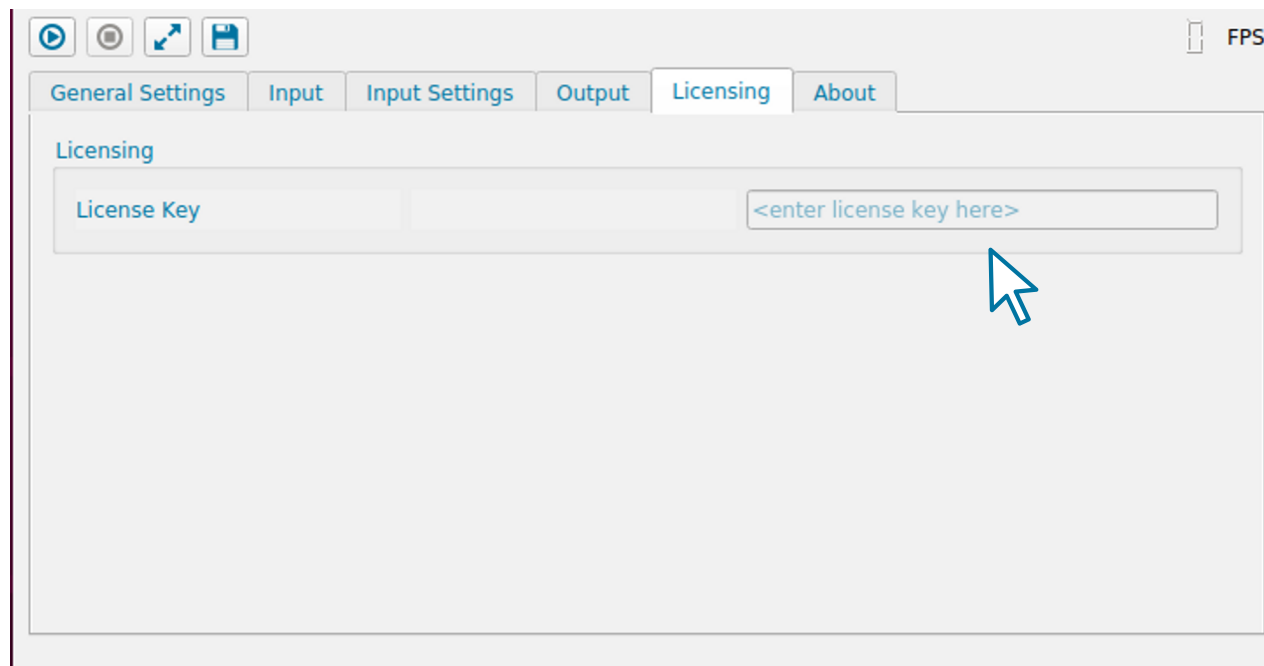
| Phase 1 | Phase 2 | POC | Roll-out |

STEP 2

You can now access your **application folder** and use the **./DeepSight-Toolkit.sh** command to start the Toolkit;


```
                    stefan@ubuntu: ~/Downloads/DeepSight-Toolkit-6.0.0-Linux          — □ ✕

File   Edit   View   Search   Terminal   Help
DeepSight-Toolkit-6.0.0-Linux/bin/DeepSight-Toolkit
DeepSight-Toolkit-6.0.0-Linux/resources/
DeepSight-Toolkit-6.0.0-Linux/resources/reporting_client.ico
DeepSight-Toolkit-6.0.0-Linux/resources/splash.png
stefan@ubuntu:~/Downloads$ ls -lah
total 113M
drwxr-xr-x  3 stefan stefan 4.0K Oct 17 01:10 .
drwxr-xr-x 16 stefan stefan 4.0K Oct 17 01:06 ..
drwxr-xr-x  6 stefan stefan 4.0K Oct 17 01:10 DeepSight-Toolkit-6.0.0-Linux
-rw-r--r--  1 stefan stefan 112M Oct 10 06:38 DeepSight-Toolkit-6.0.0-Linux.tar.
gz
stefan@ubuntu:~/Downloads$ cd DeepSight-Toolkit-6.0.0-Linux/
stefan@ubuntu:~/Downloads/DeepSight-Toolkit-6.0.0-Linux$ pwd
/home/stefan/Downloads/DeepSight-Toolkit-6.0.0-Linux
stefan@ubuntu:~/Downloads/DeepSight-Toolkit-6.0.0-Linux$ ls -lah
total 28K
drwxr-xr-x 6 stefan stefan 4.0K Oct 17 01:10 .
drwxr-xr-x 3 stefan stefan 4.0K Oct 17 01:10 ..
drwxr-xr-x 2 stefan stefan 4.0K Oct 10 06:34 bin
-rwxr-xr-x 1 stefan stefan  204 Oct  7 06:15 DeepSight-Toolkit.sh
drwxr-xr-x 3 stefan stefan 4.0K Oct 10 06:35 lib
drwxr-xr-x 2 stefan stefan 4.0K Oct 10 06:35 networks
drwxr-xr-x 2 stefan stefan 4.0K Oct 10 06:35 resources
stefan@ubuntu:~/Downloads/DeepSight-Toolkit-6.0.0-Linux$ ./DeepSight-Toolkit.sh
```

Phase 1	Phase 2	POC	Roll-out

STEP 3

- Insert your **license key** (see email) under the **Licensing Tab**.

- This trial license is valid for **14 days on two machines.**

| Phase 1 | Phase 2 | POC | Roll-out |

STEP 4

DeepSight Toolkit 6.0 comes with an experimental '**Enable GPU**' feature which allows you to make use of your integrated GPU's processing power for a performance boost.

This feature requires an **OpenCL driver** to be installed for your specific processor model.

The **driver installation steps** are described here:
https://github.com/intel/compute-runtime/releases/tag/19.40.14409

Congratulations!

You have completed *Phase 1* of the installation and are now ready to move onto *Phase 2*

Phase 1   Phase 2   POC   Roll-out

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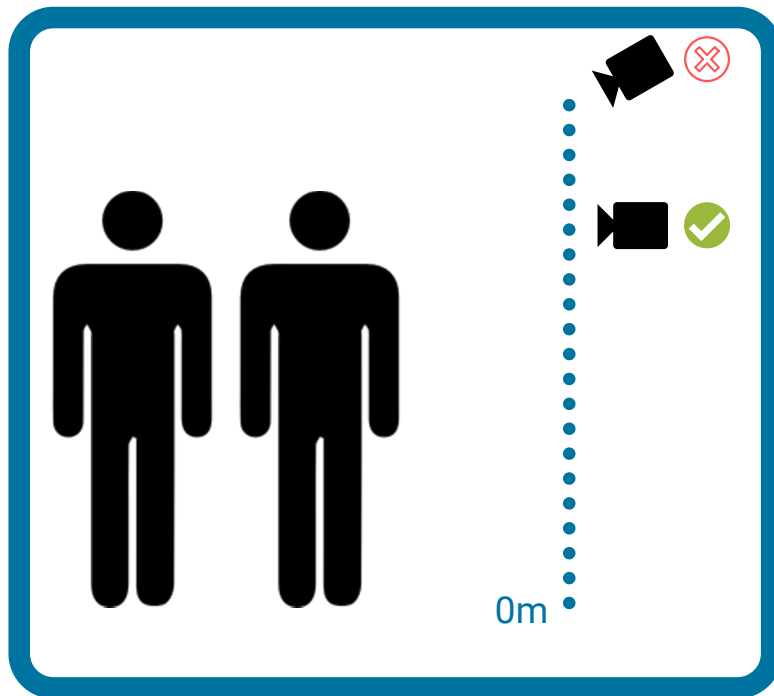seeing opportunity

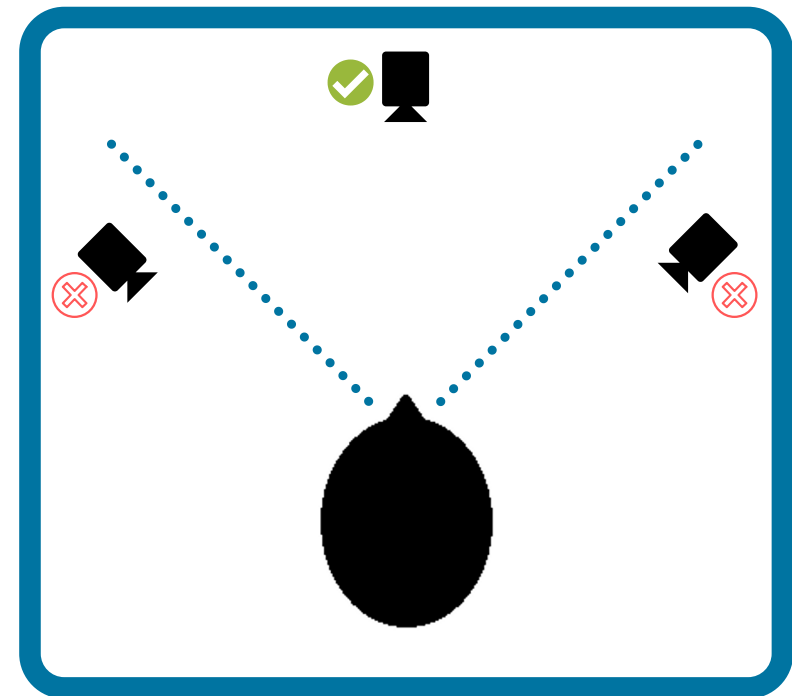# DeepSight Toolkit
Best Practices

Phase 1 | Phase 2 | POC | Roll-out

The **camera** that you choose as well as its **positioning** can make a huge impact on the results and their accuracy. The following diagrams highlight some best practices regarding camera positioning relative to the analyzed audience.

The camera should be placed as close to **eye-level** as possible.

The camera should be placed as **frontal** as possible to capture full faces.

Phase 1   Phase 2   POC   Roll-out

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Check out the DeepSight Toolkit Manual

CLICK HERE

Phase 1 Phase 2 POC Roll-out