



**IMMERSIVE STUDIO &  
COLOURCLOUD  
QUICK START GUIDE**

# CONTENTS

1	Immersive Studio .....	2
1.1	Key features.....	2
1.2	Download link & instruction .....	2
2	ColourCloud.....	3
2.1	Key features.....	3
2.2	Download link & instruction .....	3
3	Merge iSTAR image and laser scan.....	4
3.1	Requirements.....	4
3.2	Step-by-step instruction.....	4

# 1 Immersive Studio

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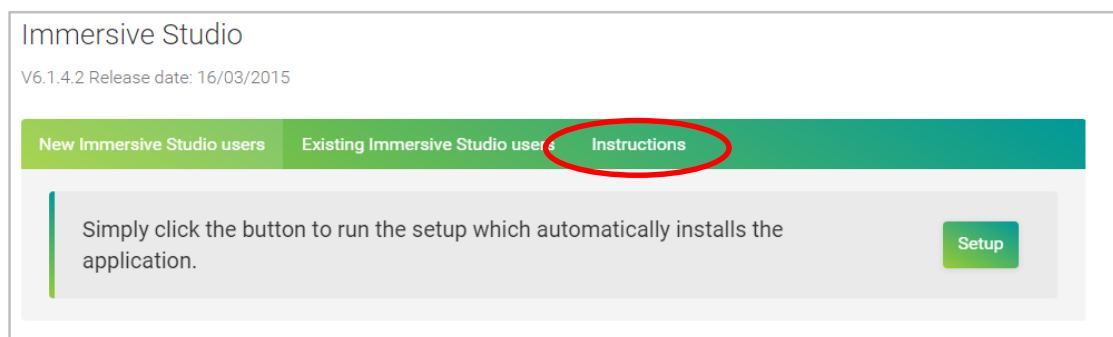
## 1.1 Key features

- Automatically process images, time-lapse and video
- View processed iSTAR images with integrated viewer
- Automatically process HDR images and HDR time-lapse footage
- New optimized stitching preferences for improved speed and quality
- Generate geo-referenced spherical imagery
- 100% Google Maps and Street View compatible output
- Export cube faces to support 3rd party cube face players

## 1.2 Download link & instruction

1. Please follow the link: <http://www.nctechimaging.com/downloads/>

➔ You will find the website below.



2. Single-click on **INSTRUCTION** to see how to install Immersive Studio.

## 2 ColourCloud

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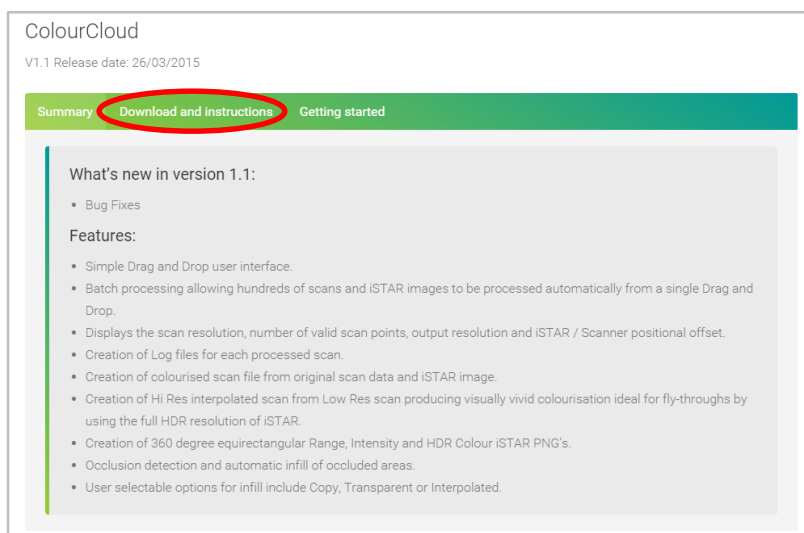
### 2.1 Key features

- Works with scans from all models of laser scanners supporting E57 format (including Leica, Trimble and FARO)
- HDR images (High Dynamic Range)
- Precision imaging – extreme accuracy
- Fast capture and process speeds
- Improved workflow – quick and easy to use
- Can export images for iSTARshare and FARO WebShare

### 2.2 Download link & instruction

1. Please follow the link: <http://www.nctechimaging.com/downloads/>

➔ You will find the website below.



2. Single-click on **DOWNLOAD AND INSTRUCTION** to see how to download and install ColourCloud.

For more detailed instruction, click [here](#).

## 3 Merge iSTAR image and laser scan

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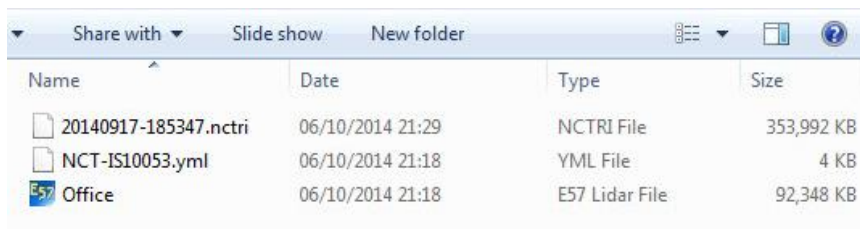
### 3.1 Requirements

1. Make sure that you have already installed FARO Scene. If FARO Scene isn't installed, please click [here](#) to get a trial version for 30 days.
2. Make sure that you have installed ColourCloud.
3. You have already taken the iSTAR image and the laser scan.
4. Control that your decimal separator on your system settings is set from a comma to a point “.”  
(Otherwise, merging of scan and image doesn't work.):

**Control Panel > Region and Language > Further Settings > Decimal Separator: “.”**

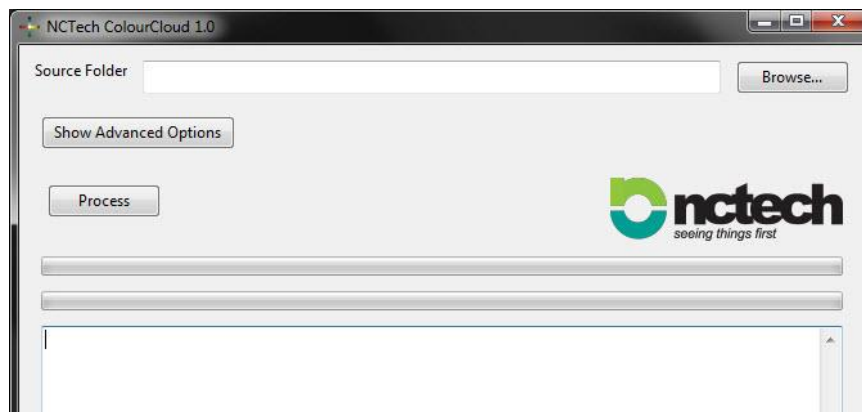
### 3.2 Step-by-step instruction

1. Export the scan you like to colorize as \*.e57 file (including grey intensity!).  
For this purpose, just click [here](#).
2. Create a new folder wherever you like.
3. Now put the scan exported as e57 into the folder.
4. You find the \*.yaml file and the \*.nctri file in the output folder of the iSTAR camera. — Just copy them into the folder.
5. Make sure that your folder content looks similar to this:



Name	Date	Type	Size
20140917-185347.nctri	06/10/2014 21:29	NCTRI File	353,992 KB
NCT-IS10053.yaml	06/10/2014 21:18	YML File	4 KB
Office	06/10/2014 21:18	E57 Lidar File	92,348 KB

6. Open ColourCloud now.
7. Add your folder to the source field via Drag&Drop or click **BROWSE** to connect your folder to ColourCloud.



8. If desired, you can define some special settings after having clicked on **SHOW ADVANCED OPTIONS**.
9. Click **PROCESS**.
  - ➔ After a couple of seconds, ColourCloud has colorized your scan using the iSTAR images. You'll find the finished colored scan in the folder. Now, you can view it in FARO Scene.