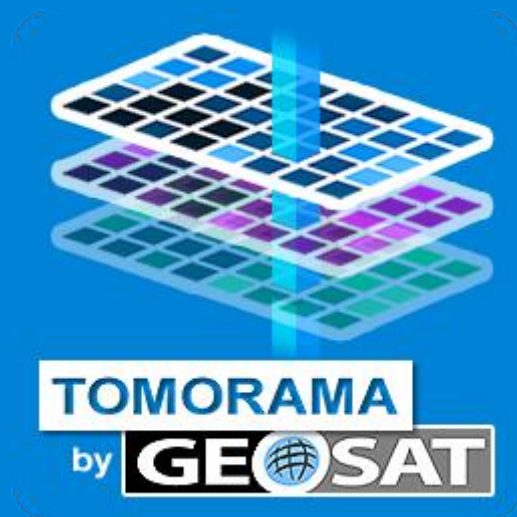


# TOMORAMA



User Manual 1.0

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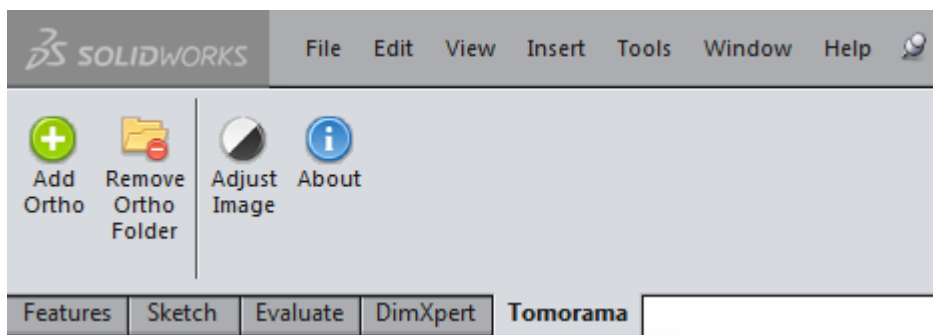
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# 1 – Introduction

**TOMORAMA** is an add-in for SolidWorks 2013 / 2014 / 2015 that allows you to import an ortho-image(s) geo-positioned section(s) and plan(s) generated from SCENE and PointCab point clouds.

# 2 – Installation

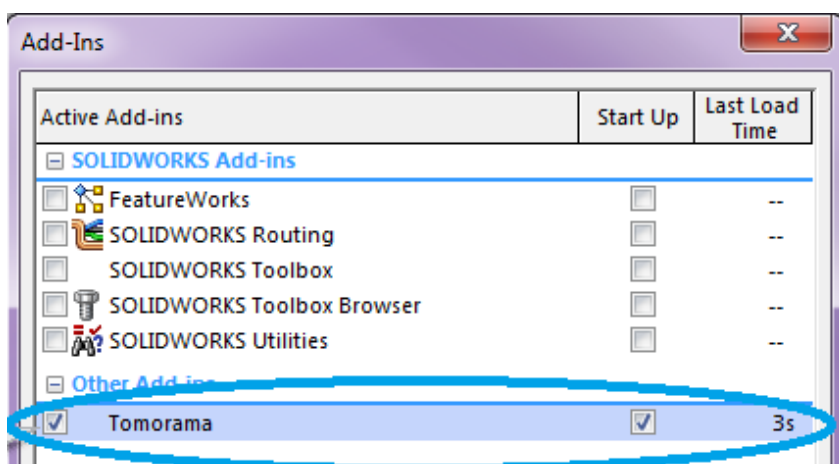
- 1) Double-click on the installer tomorama\_setup.msi.
- 2) Follow the steps of the installer.
- 3) You can find Tomorama at **C:\Program Files\Geosat\Tomorama**
- 4) That's it! Tomorama is now available for you on SolidWorks 2013/2014/2015.
- 5) Once installed, you should have Tomorama toolbar in your Command Manager:



## Tomorama troubleshooting

Be sure the add-in is activated in Solidworks Add-in Menu (**Tools > Customize**).

It should look as follows:



**Please note:** This add-in is available in English language only but also runs if SolidWorks is operated in other languages.

## 3 – Toolbar

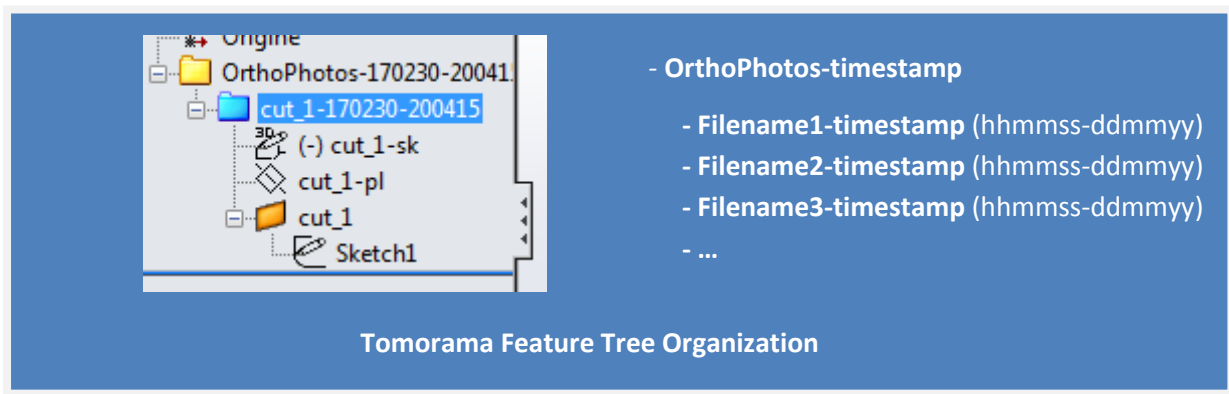
### 3.1 – Adding ortho-image(s) of section(s) or plan(s)

#### 3.1.1 – Importation

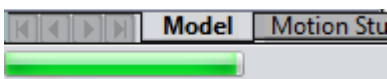
**Tomorama** works with Solidworks Part Document only. During importation, our add-in creates four elements for each ortho-image and groups those ortho-images to a top folder:

- A surface plane
- A 3D Sketch
- A plane
- A decal (ortho-image's texture)

Each group of these four elements is moved into a folder following this naming format:



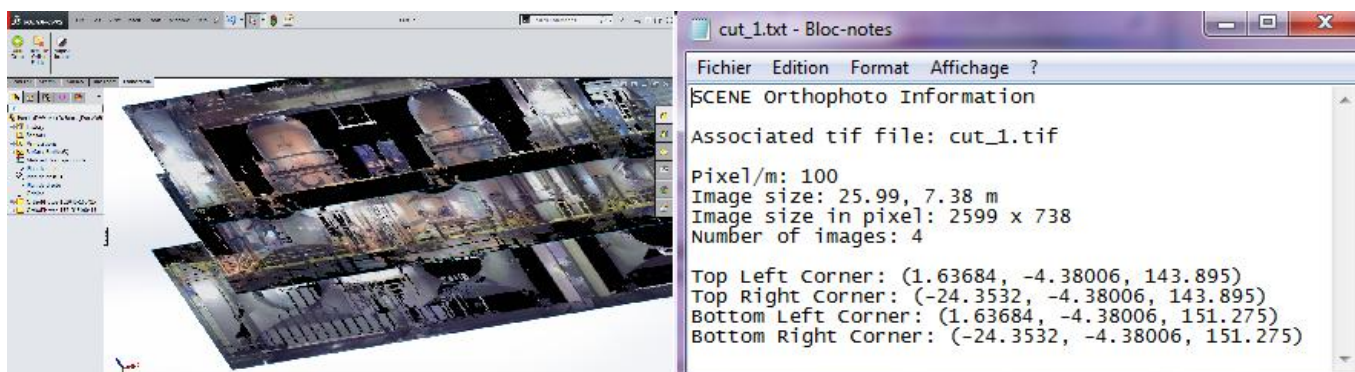
You can see importation's progress of tiled images in the main SolidWorks progress bar at the bottom left of your window:



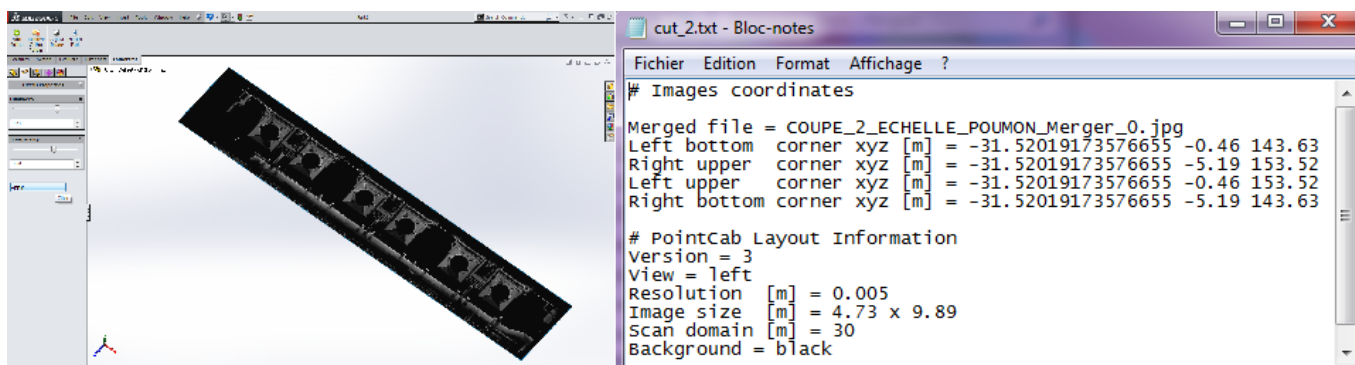
Once importation is finished, the SolidWorks progress bar is not visible anymore.

### 3.1.2 – Supported Formats

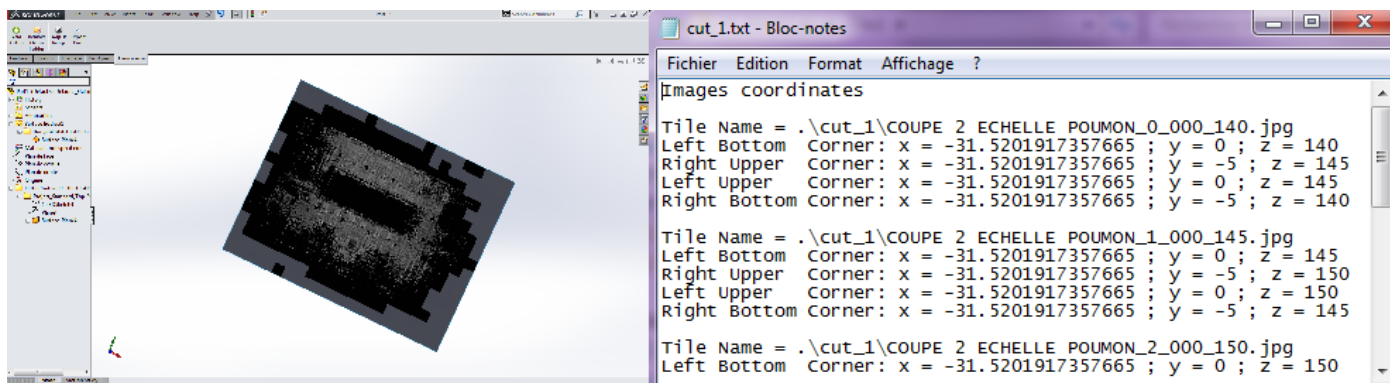
#### SCENE ortho-image (.txt extension) (Generated with SCENE Orthographic app)



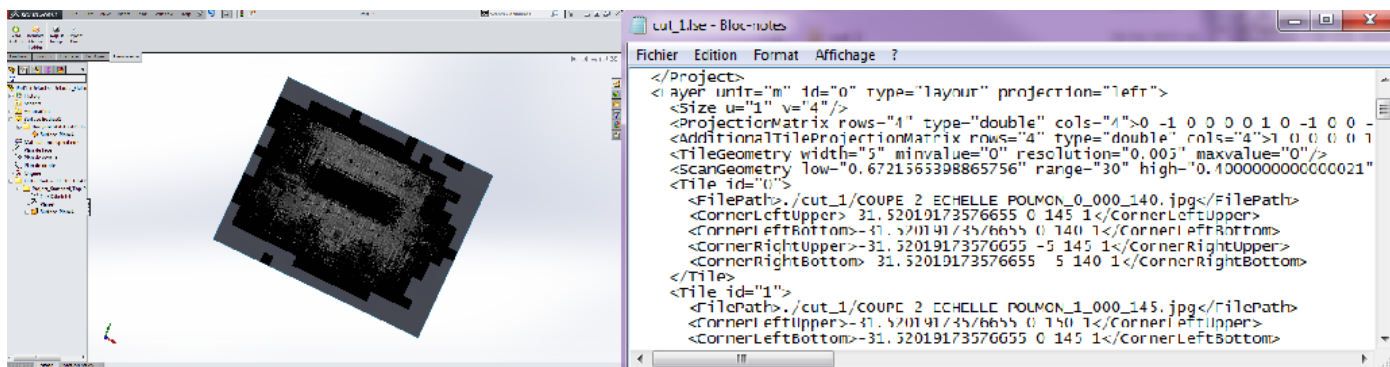
#### PointCab merged ortho-image (.txt extension)



#### PointCab tiled ortho-image (.txt extension)



#### PointCab tiled ortho-image (.lse extension)

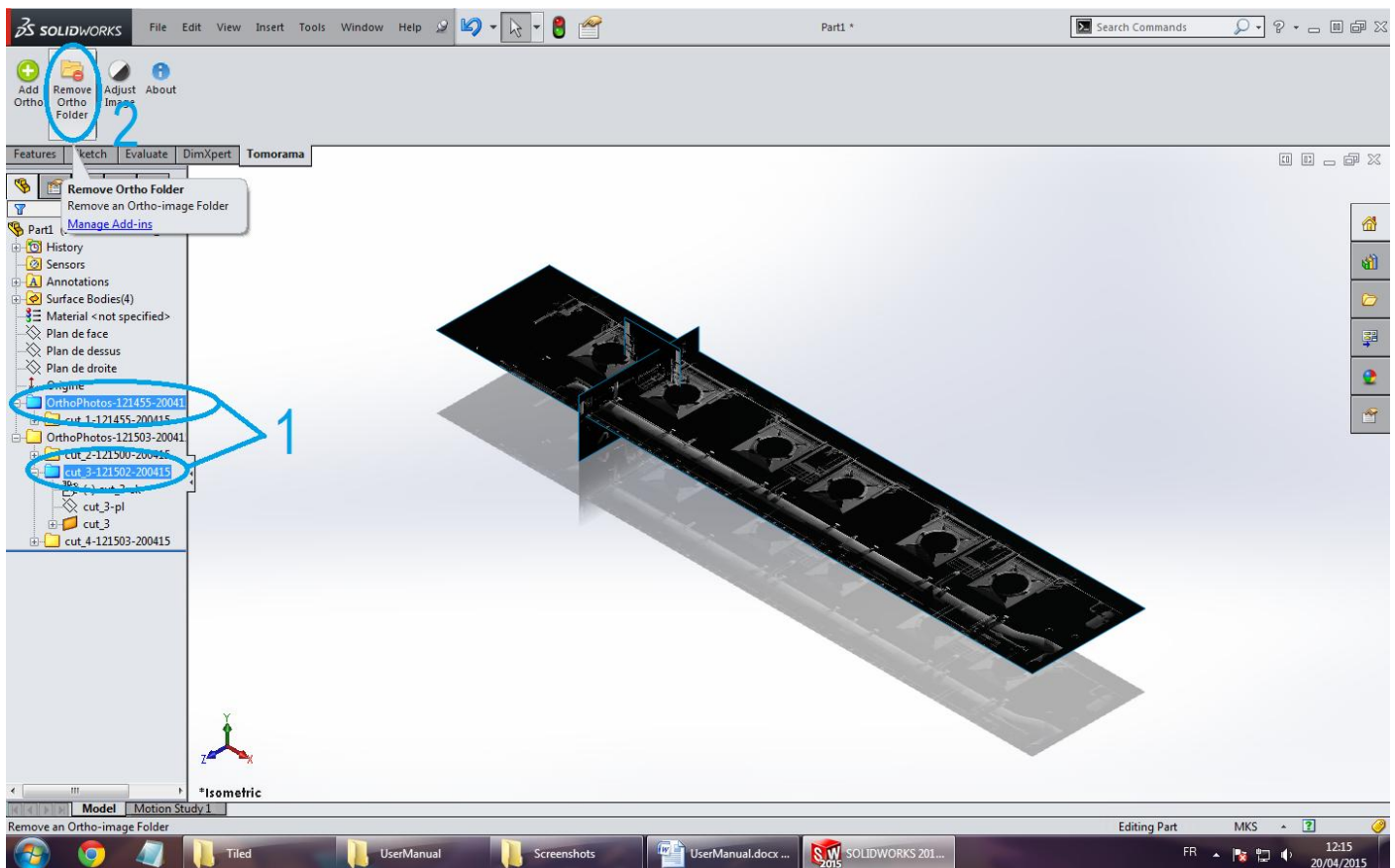


## 3.2 – Removing ortho-image(s) folder

**Remove Ortho Folder** allows you to cleanly remove ortho-images from your part document.

Proceed as follows:

- 1 - Select your Ortho-image(s) folder(s).
- 2 - Click on **Remove Ortho Folder**.



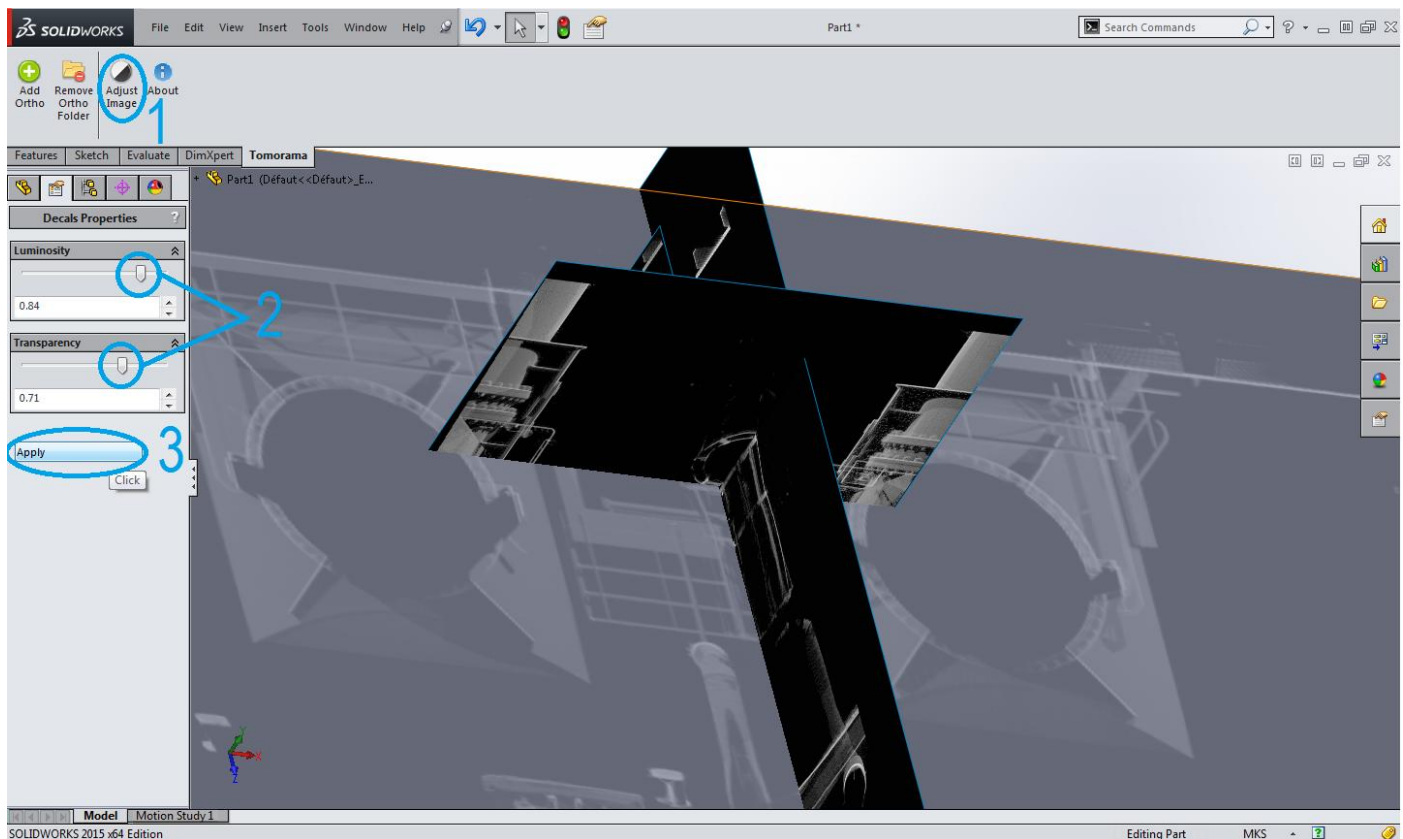
### Remark(s)

**Remove Ortho Folder** can only delete Features contained in Feature Folder(s) and SurfaceBodyFolder(s).

## 3.3 – Adjusting image luminosity/contrast

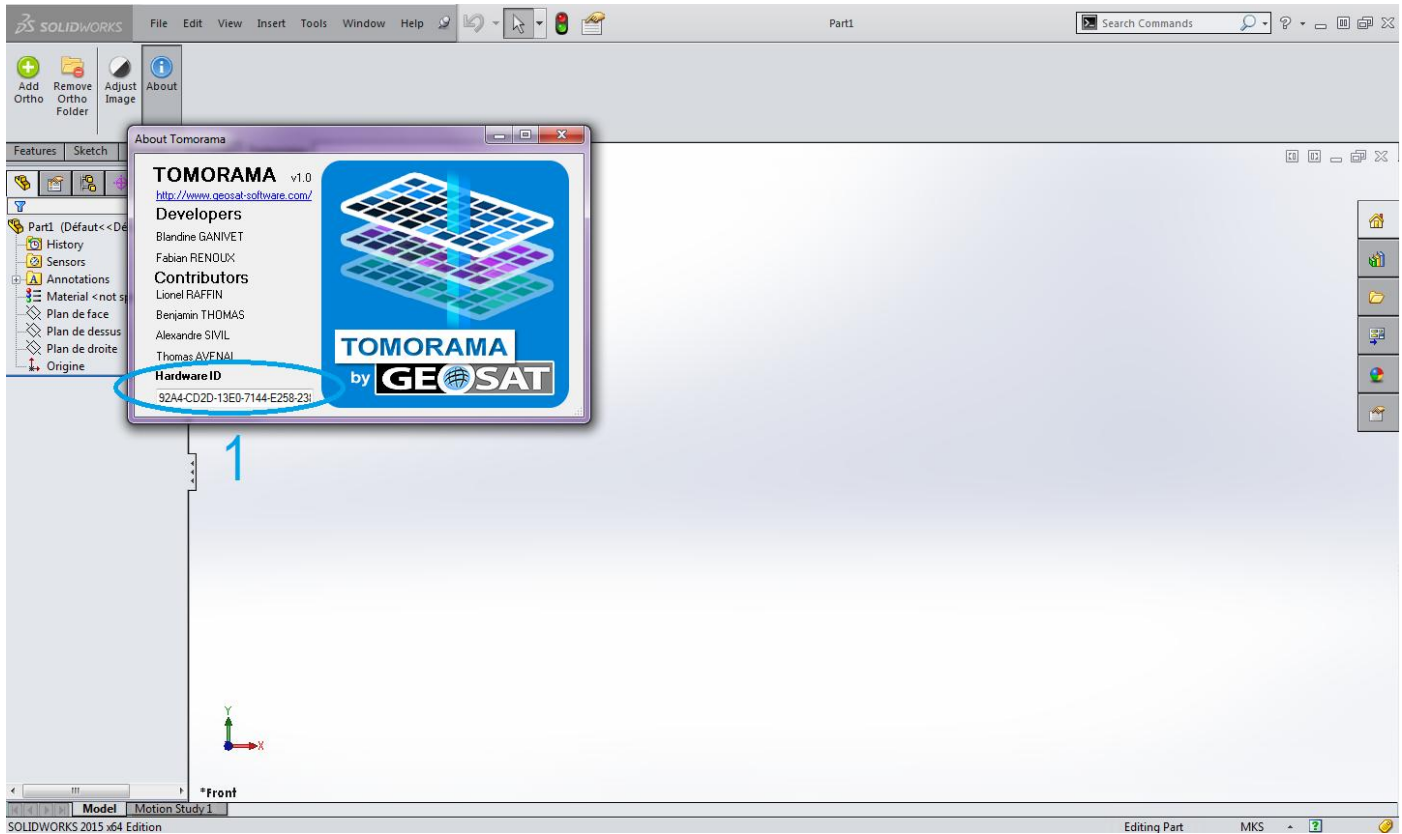
Adjust luminosity and transparency properties of your decals:

- 1 - Click on **Adjust Image** to display Decals Properties panel.
- 2 - You can adjust luminosity and transparency levels by sliding the cursors (0.00 – 1.00).
- 3 - Click on **Apply** to apply changes to all decals.



## 3.4 – About Tomorama – Hardware ID

**About panel** contains information about the developers / contributors of the project and the Hardware ID of your machine.



**1** - You can find your Hardware ID at the bottom left of the panel (copy-pastable).

**Hardware ID Format (Example):** 92A4-CD9D-16E0-7174-E238-2386

Your Hardware ID is required to purchase **Tomorama** (One license per machine).



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If you have any problem using our products, you can contact our Technical Support Team.

### Support Hours (Monday through Friday)

8:30 a.m to 5:30 p.m (UTC + 1:00)

- **Mail**

[support@geo-sat.fr](mailto:support@geo-sat.fr)

- **Phone**

**+33 1 42 53 96 81** or **+33 5 56 78 14 33**

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