I used TRIMBLE SX10 for measurements in a village near TRIPOLI (GREECE) and Survey Office for processing data. So I need some clarifications, in order to use the survey office program the correct way, so that I can have the right results :

1. In the field I made a traverse (closed successfully) as I had the obligation to deliver a survey drawing. My further intension was to produce facades of a building, so for that purpose I made many scans (most of them in fine mode).
2. At the processing with Survey Office I worked **with cutting plane view (vertical plane) and export a georeferenced orthofoto from point cloud (\*.tiff and also \*.dwg)** , so I can work further in an AUTOCAD environment.

But as it turned out tiffs had “**wrong” scale** (I checked many dimensions in 3d model). I tried rubbersheet in autocad, but couldn’t fix the scale. So WHAT IS WRONG WITH THE PROCEDURE??? Inform me what exactly parameters should I use in “cutting plane export” to autocad drawing or georeferenced orthofoto (\*.tiff)

I am sending you autocad drawings for the facades (with checked dimensions) and the export orthofoto tiffs as a backround.

Also iam sending you the whole 3d model, to have an opinion of the general project.

1. Please inform me exactly which is the way to work with **survey office** if I want to produce **facades in autocad**?

My knowledge was that I should produce ortofoto tiff, export it as a georeferenced tiff and draw lines in autocad (as I should have right dimensions in the tiff). Is there a better way from the above?

Please give me specific directions for this job, as it is very important to me.

Also inform me, if I could participate in webinars on this specific sector (produce accurate facades from scanning with SX10 in the field).

1. I need from you to give me the procedure **with specific steps** from 3D MODEL (WITH SX10) to 2D export deliverables (in survey office or compatible software such as autocad)

Looking forward to your answer

Karoumpalis Theodore

Ntua Surveyor Eng.