# Patise
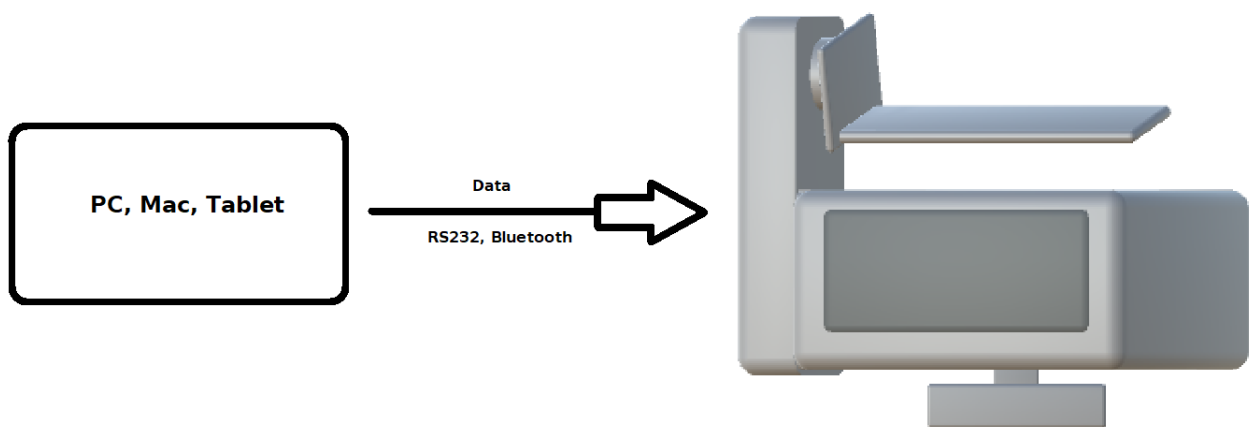
(<span style="color:red">Pa</span>n&<span style="color:red">Ti</span>lt <span style="color:red">S</span>cenario <span style="color:red">E</span>ditor)

Patise (Pan & Tilt scenario editor) is a programming and simulation framework for working with a simple motorized photo slider. As the name implies, the motorized linear X-axis and the Pan and Tilt rotary axes are assumed.

How it is possible to use the implemented software of the Patise function is described in the following figures:

## 1. Preparation of off-slider sequences and their simulation in the scene



Very often, when taking pictures in nature or in the city, there is not much time to prepare the trajectory. It is good to prepare a study before your departure.
Patise allows you to prepare a sequence of positions and verify the progress on the simulator and save to files. Of course, it cannot be assumed that the prepared sequences will not need to be modified on site, but studio preparation can save a lot of time.

If we have a photo of the place where we want to work, it can be inserted as the background of the Patise scene, then the focus of the positions will be more accurate.

We can simulate positions much better  if we have models representing important objects of the place we will photograph, such as trees, rocks, churches, etc.. They can be placed in the scene and marked significant positions.
This method is especially suitable for preparing the shooting of various "talk shows", which are always carried out in almost the same space and  is no need to save time on model preparation
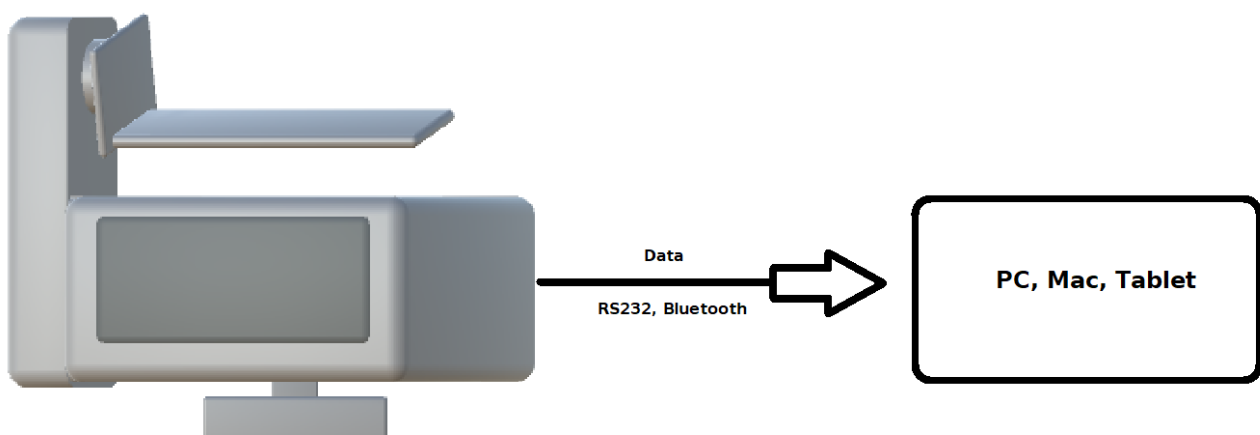
It is possible to consult the implementation of data transmission to the RS232 channel or to the bluetooth channel or to another communication channel in the required format.

## 2. Archiving of positioning sequences created in the slider

Patise can receive the parameters of the programmed positions via the RS232 or bluetooth channel and save them in files.
This will enable clear archiving, but above all easy remembering of the sequence during simulated playback.

You can consult the implementation of receiving data to the RS232 channel or to the bluetooth channel or to another communication channel in the required format.

## 3. Sequence preparation from map materials

Many maps provide a "pano" service, free or paid for with a usually licensed key. Patise allows you to send a protocol for the map base, which is set by the user in the panoService.sld file.