

## Process Simulate Human

### One time settings for creating the Human Library in Process Simulate Standalone/Disconnected

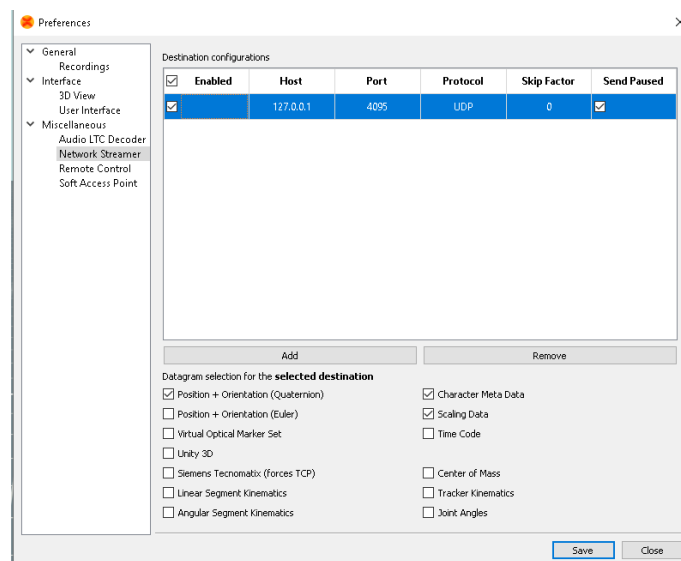
1. Open Process Simulate Disconnected
2. File > New Study > Create
3. Tools > Options > Disconnected

In this path, set your **root**. You can create your own preferred path, but we would like to advice:  
C:\temp\_siemens\System\_root

4. Open Windows Explorer > C:\Program Files\Tecnomatix\emPower\Human
5. Copy the folder called "HUMAN\_MODELS"
6. Inside the folder that you selected as your **root**, create a folder called "libraries" and paste within this folder "HUMAN\_MODELS"
7. Just checking: the complete path is: C:\temp\_siemens\System\_root\libraries\HUMAN\_MODELS
8. Go back to Process Simulate Disconnected. It is still running on the back ground
9. Human > Options > Human Model
10. Click Browse in the upper part of the window (System Root Human Library Path). Your system root comes up. Click the triangle to roll down "libraries" and select HUMAN\_MODELS (blue lining). Click OK
11. Click OK in the Human Options window

### Setting up the stream from MVN Studio into Process Simulate Disconnected

1. Open MVN Studio
2. Click on the network streamer icon. In the preferences window chose the following options:
  - a. UDP protocol
  - b. Check the box Position + Orientation (Quaternion) (DO NOT CHECK THE BOX SIEMENS TECNOMATIX)
  - c. set the right destination (localhost:4095)



3. Open a MVN file
4. Open Process Simulate
5. File > New Study > Create (already done when setting up the Human Library for the first time)
6. Human > Create Human: press OK
7. Human > Motion Capture > Server setup: Set the server on the same channel (4095) and press "Start Server"
8. The MVN stream should be already there (if not, stop and start the Process Simulate Server)
9. Human > Motion Capture > Tracking set up:
  - a. in the "Device tab", bottom of the window, there is a table, you should see in "**Root**" MvnHuman\_1\_b\_Root and in "**Human or object**" you have to click and create the connection with the human Jack previously inserted;
  - b. in the "Human tab" you should check that the table on the bottom of the window is correct: "**Root**" MvnHuman\_1\_b\_Root and in "**Human or object**" Jack, then push the button "Constrain";
  - c. Play the file in MVN Studio