

BIOTRACK

MOTION CAPTURE SYSTEM



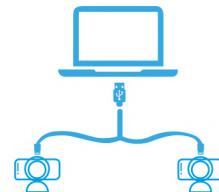
✓ Portable



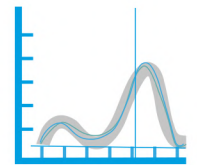
✓ Accurate



✓ Inexpensive



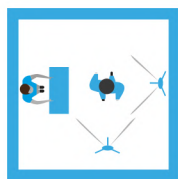
✓ Easy to install



✓ Reference Values



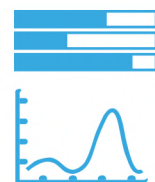
✓ Does not require installation works



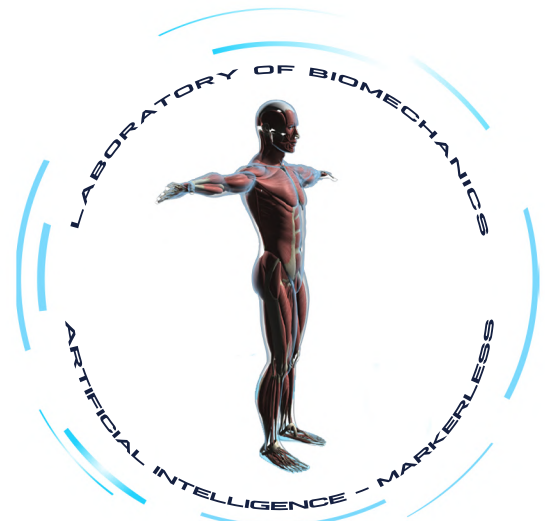
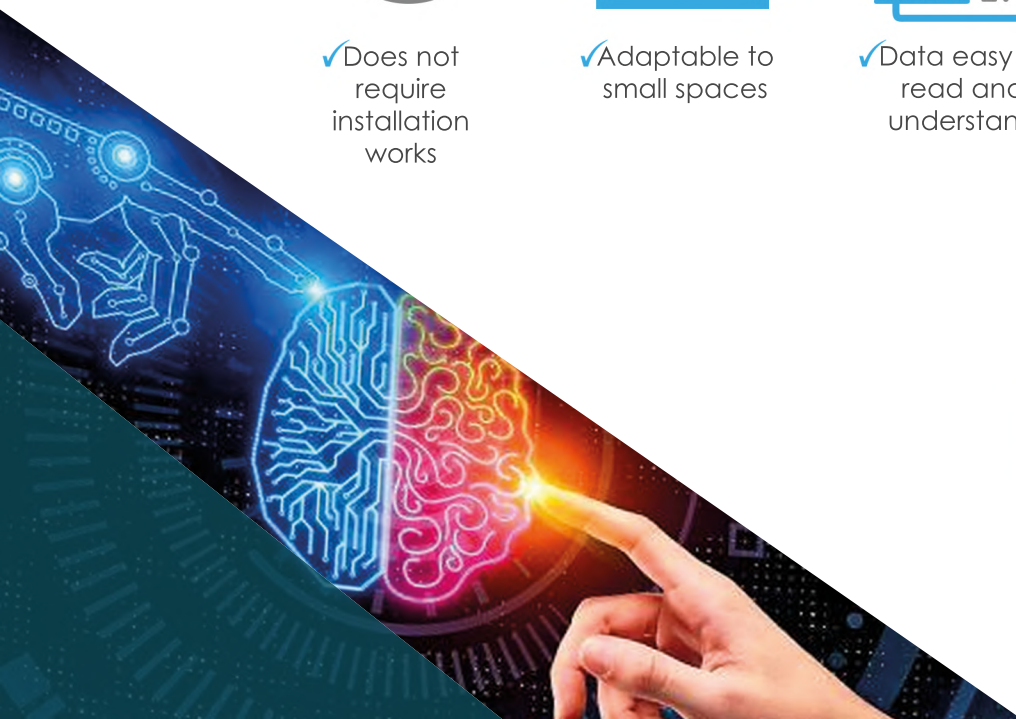
✓ Adaptable to small spaces



✓ Data easy to read and understand



✓ Intuitive graphic representation



WHAT IS BIOTRACK?

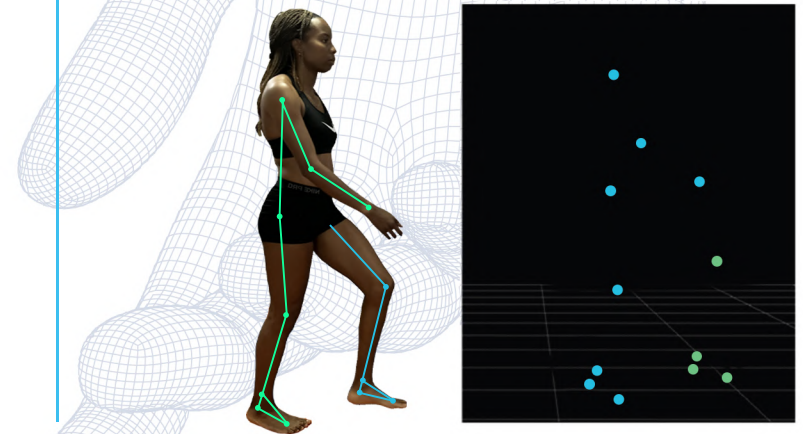
BIOTRACK is a system for capturing the movement of the human body (Motion Capture) to later export the coordinates of the joints of the human body to any animation software and video game creation.

BIOTRACK works with a single camera, the data collected are the x (horizontal), Y (vertical) coordinates of the movement in front of the camera.

CONVENTIONAL TECHNOLOGY



BIOTRACK



Markerless Technology

The joint centers are located by means of artificial intelligence based on the patient's movement.

HOW DOES BIOTRACK WORK?

Taking advantage of Artificial Intelligence and neural networks we have created a system that allows us to recognize the human body in motion, in small spaces, indoors and outdoors to calculate its joint centers and consequently export the data for processing.

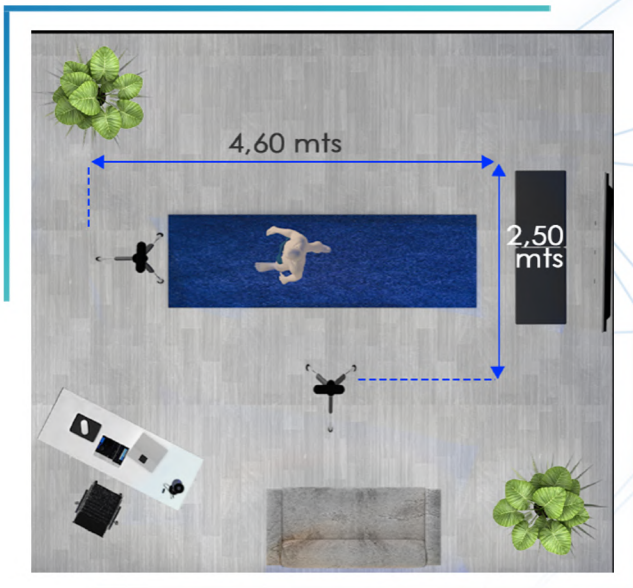
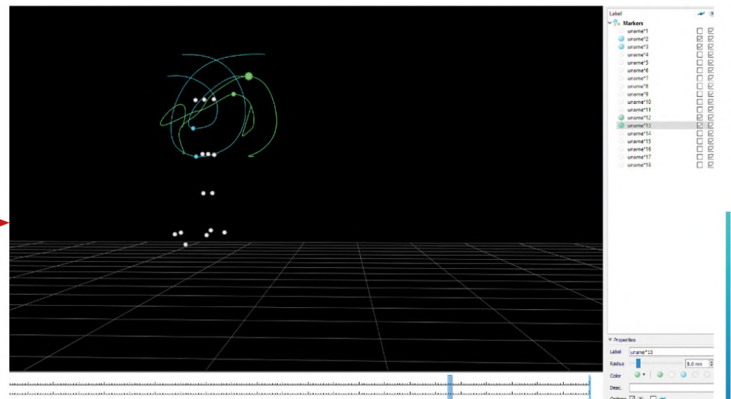
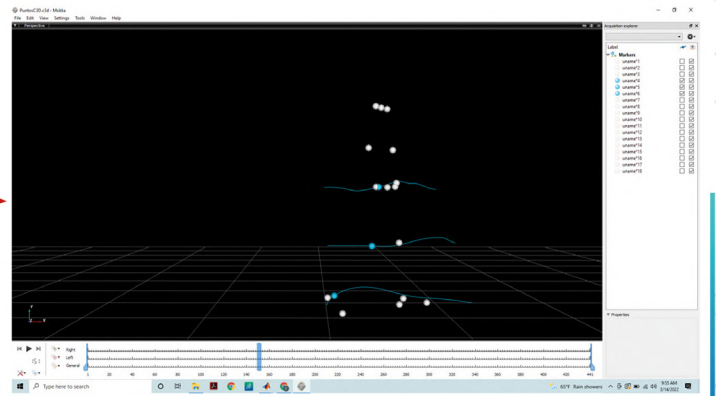


WHAT IS THE PURPOSE OF BIOTRACK?

To democratize motion capture and analysis in the world, facilitating its access for any company or institution, given that historically access to this data has been limited because it has been taken with complex, large and expensive Motion Capture Systems.

WHAT FORMATS DO YOU EXPORT?

BIOTRACK exports in the following formats for computational animation, video games and virtual reality:



- ✓ **BIOTRACK** requires a minimum space of 4.60 x 2.50 meters of free area and can be in an office, classroom or rehabilitation room with no particular requirement of light or electricity.