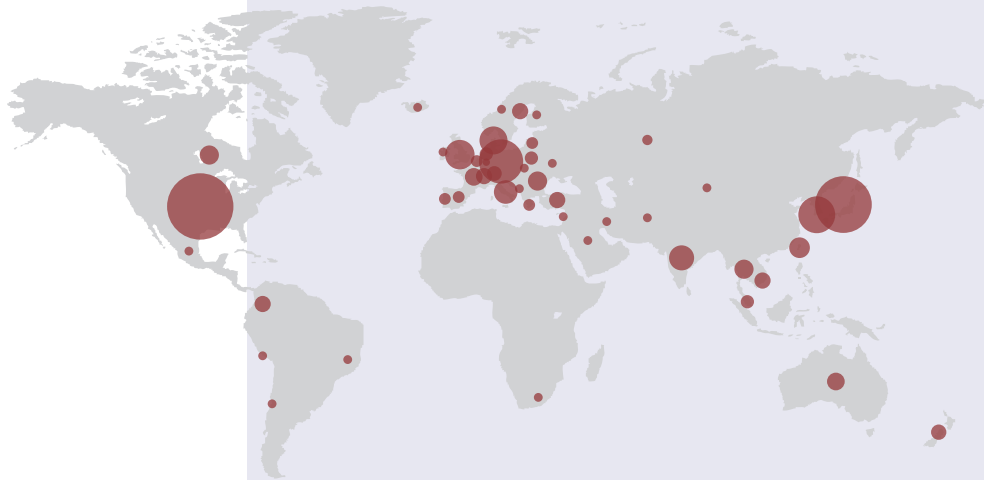


## AnyBody Users Around the World



# ANYBODY™

TECHNOLOGY

## Powerful Body Simulations

### About AnyBody Technology

Founded by researchers from Aalborg University  
Multilingual team of biomechanics experts

Background in research and teaching  
Dedicated to musculoskeletal modeling

Experience across many industries  
Software licenses and feasibility studies

Global network of resellers  
and collaborators

Consulting  
Training & Support



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1000+	100+	500+	56	20+
publications	webcasts	clients	countries	years



Simulation is broadly used to develop and optimize almost every product in our everyday life. However, often the musculoskeletal system is not taking into account.

## Why musculoskeletal modeling?

Musculoskeletal modeling and simulation are a computational way to investigate the mechanical functions of the living body. The simulations can make qualified estimation of properties inside the body, which are difficult and unethical to measure – **Simulation is the only alternative.**

AnyBody models output loading in all muscles, joints, and potentially other tissue of the body, as well as potential derived quantities targeting for instance loading of devices, ergonomic analysis, human performance in sports, and the development of cutting-edge orthopedic designs.

## Software overview

### The AnyBody Modeling System™

- Musculoskeletal analysis of daily activities
- Posture and motion prediction
- Graphical User Interface for interactive use
- Console application for batch processing
- Batch Processing Framework
- Inverse Dynamics
- Force-Dependent Kinematics™
- Interface to motion capture systems (C3D and BVH formats)
- Supports physiological load cases for Finite Element Analysis
- Interfaces to anthropometric databases
- SolidWorks® add-in enabling users to export SOLIDWORKS CAD models to the AnyBody Modeling System™

### The AnyBody Managed Model Repository™

- The AnyBody Managed Model Repository contains a generic full-body human body model with an unprecedented level of detail
- Can be configured to contain only certain body parts
- Scaled anthropometrically and by using available data from medical images
- Unique open collection of human body parts represented as mechanical elements
- +35 ready-to-run template models
- Simple and optimized body-size scaling
- Broad and deep published validation



## Benefits

- ▶ Shorter time-to-market, reduced research costs and less testing
- ▶ Improved product ergonomics with design evaluation and optimization
- ▶ Virtual prototyping and simulation driven product development
- ▶ Superior product performance and improved product reliability
- ▶ New products and devices virtually tested on varied body types
- ▶ Ergonomic analysis and documentation

## Industries & use cases

Orthopedics

Automotive

Ergonomics

Sports

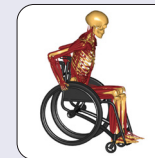
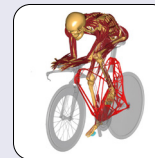
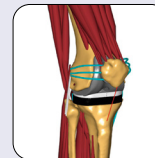
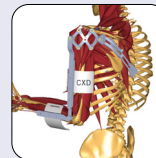
Consumer

Aerospace engineering

Assistive Devices

Universities

Defense



## Consulting

Outsourcing musculoskeletal modeling can be a cost-effective and low-risk alternative to hiring in-house experts. AnyBody Technology provides consultancy services ranging from guiding you in solving a problem, to partially or completely undertaking your modeling process.

Contact us for both online and on-site **training workshops** tailored to give new users an efficient start with the software!

Contact us to get your **free trial license** and explore the full potential of our software. Almost anything can be simulated!