AnyBody Technology Founded by researchers from Multilingual team of biomechanics experts Background in research and teaching Dedicated to musculoskeletal modeling • Experience across many industries POWERFUL BODY SIMULATIONS

ANYBODY

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AnyBody Technology Inc.

About

Aalborg University

 Software licenses Consulting Feasibility studies

• Available globally on-site Network of collaborators

Training

Support

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Version 1.1 April 2019

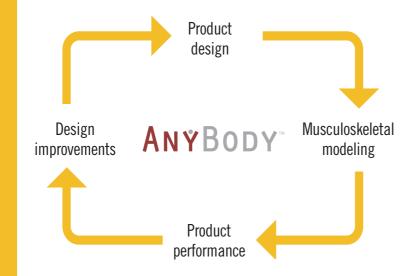
Why musculoskeletal modeling?

Get ready! The emerging adoption of musculoskeletal modeling sets the stage for a new generation of products optimized for minimal body loads, optimal functional performance, and better fact-based documentation of ergonomic features.

With a proven and validated technology, AnyBody Technology is the undisputed global leader in applied musculo-skeletal analysis.

Across a broad range of industries, many of which have embraced Product Lifecycle Management, users want to understand and document how their product performs in concert with the human body.





Benefits

- Virtual prototyping and simulation-driven product development
- Shorter time-to-market, reduced research costs and less testing
- Superior product performance and improved product reliability
- New products and devices virtually tested across numerous body sizes and body shapes
- Better product ergonomics with product design evaluation and optimization
- Ergonomic analyses and documentation

The AnyBody Modeling System[™]

- Musculoskeletal analysis of daily activities
- Self-contained and robust system
- GUI for interactive use
- Inverse dynamics
- Force-dependent kinematics™
- Posture and motion prediction
- Interface to C3D, BVH, and FEA
- · Console for batch processing
- Trial licenses available

The AnyBody Managed Model Repository[™]

- Open body-model library
- 30+ ready-to-run template applications
- Broad and deep published validation
- Simple and optimized body-size scaling
- Data import for subject-specific modeling
- CAD model import

Tutorials for self-training

- Getting started
- User-interface features
- Kinematics
- Muscle modeling
- Finite Element Analysis interface
- · Parameter studies and optimization
- And many more

Additional information

- Educational videos
- 600+ publications
- Forum for uses
- Wiki
- News

Contact us for on-site training







Let our experts work for you!

Outsourcing musculoskeletal modeling can be a cost-effective and low-risk alternative to hiring in-house experts. AnyBody Technology has an experienced multi-national team of expert simulation engineers available for clients worldwide.

We provide a broad range of services: Analyses to obtain basic insight in specific functional details in musculoskeletal biomechanics; fast exploratory analyses to help define possibilities and limitations; short feasibility studies to prove concepts; and comprehensive fixed-price analyses using your CAD models and experimental data.

Industries









Orthopedics // Automotive // Assistive Devices // Aerospace // Defense // Ergonomics // Consumer // Sports // Universities