



ANSUR II

The Solution

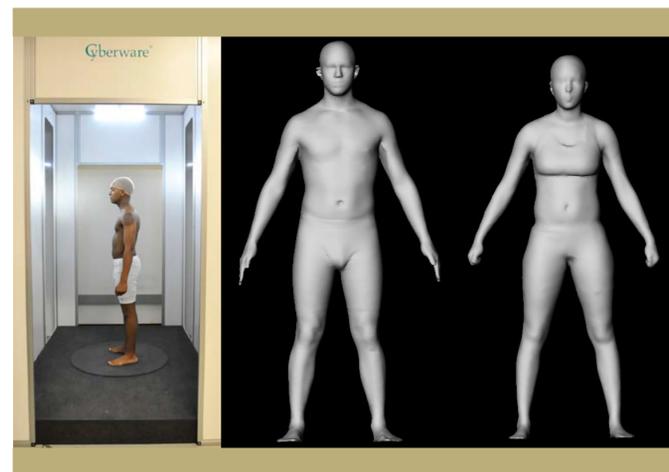


Anthropometric Models to Optimize the Human Systems Interface (ANSUR II)

- Update the 1988 ANSUR database providing the first ever comprehensive 2D/3D anthropometric database that includes Active Duty, National Guard and Reserve components
- Develop new anthropometric models for Soldier and aviator clothing and equipment design
- Develop anthropometric specifications for digital human figure models to be used in workspace and workstation design
- Support CIE fielding requirements

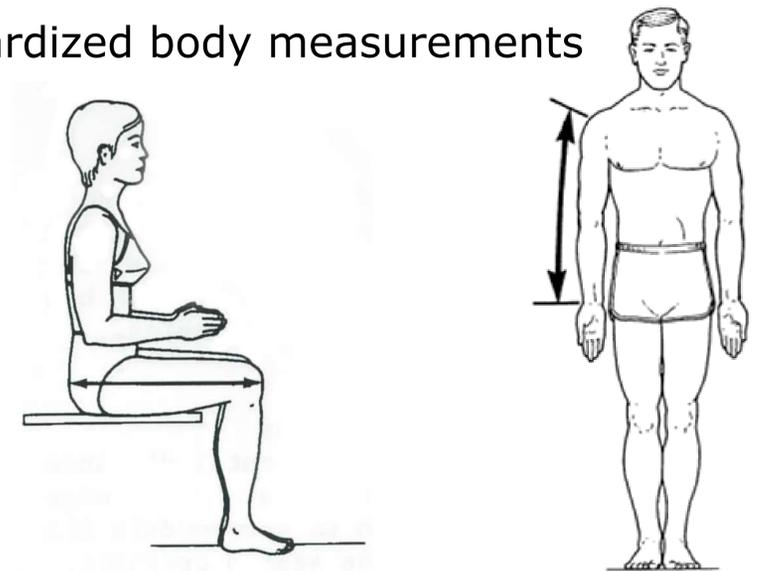
Timeframe: October 2009 - January 2014

State of the Art Data Collection Tools



Data

- Biographical data (e.g. age, sex, racial/ethnic group, rank, MOS)
- 3D whole body, head/face and foot scans
- 94 standardized body measurements



Sampling

- US Army – 13,000 male and female Active Duty, National Guard and Reserve Soldiers

Quality Control

- On-site computerized data entry and real time outlier identification
- Inter-observer error checked daily, corrected as necessary