



MC-ANSUR

The Solution

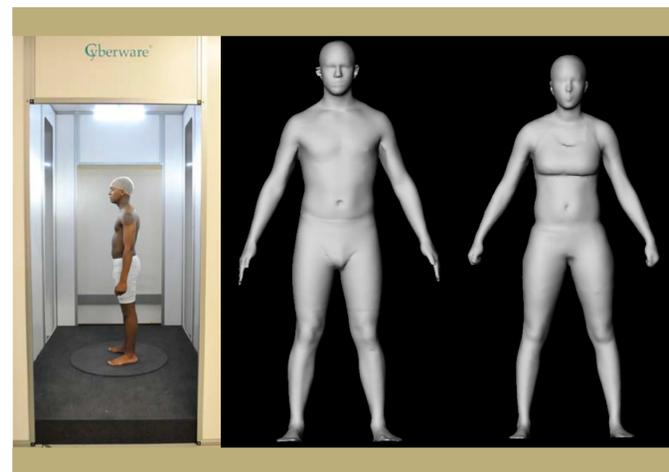


Marine Corps-Anthropometric Survey (MC-ANSUR)

- A comprehensive USMC anthropometric database of standardized body measurements and 3D scan singular images
- Supports:
 - Statistically optimized design, sizing, and tariffing of USMC clothing and equipment
 - Computer-aided design of USMC workstations, workspaces, and vehicles
 - 3D solid modeling of body curvatures and shapes for enhanced personnel protection.

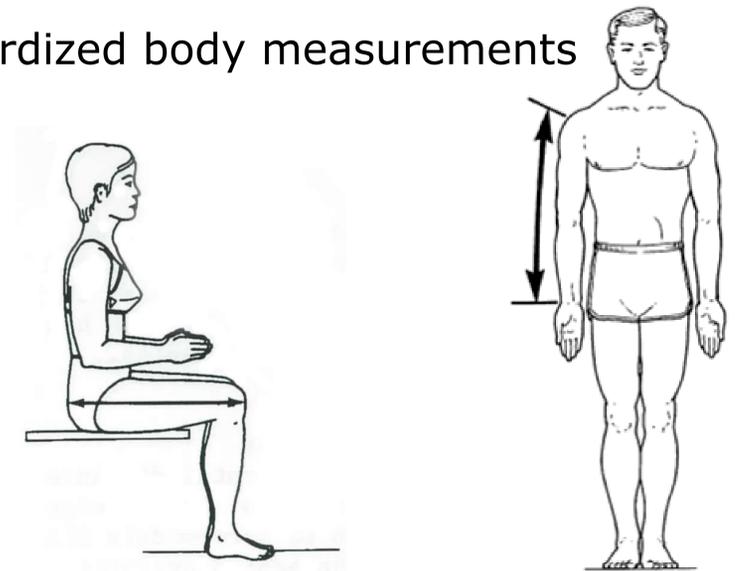
Timeframe: January 2009 - December 2010

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
- 95 standardized body measurements



Sampling

- USMC – 3,600 male and female Active Duty and male Reserve Marines

Quality Control

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