

Commercial and Research Revolutions Enabled by 3D Body Scanning

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Abstract

Applications ranging from sizing surveys, made-to-measure apparel, uniform and apparel sizing, health, and fitness have used 3D body scanning over the past thirty years to provide accurate human body measurements, shape characterization, and commercial development. There has been significant progress in developing data processing for these applications. Three main widespread roadblocks these solutions are experiencing includes:

- High cost of 3D body scanners in terms of capital and space
- Limited access to 3D scanning by end consumers
- Concerns about data privacy

In our presentation we will cover how Size Stream has been able to remove these roadblocks by developing and deploying the ability to 3D body scan with the use of the technology embedded in today's smart phones and tablets. Real world applications in the apparel and health & fitness spaces in total approach million-user audiences, validating the viability and effectiveness of 3D body scanning for the future in research and commercial aspects.