

Medical-Grade Smartphone 3D Body Scanning Technology in Consumer-Facing Applications

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Abstract

Smartphone-based 3D body scanning technology has been playing a key role in medical orthotics applications since early 2013, however, it only started to attract more attention from apparel & footwear industries in the recent several years, especially in consumer-facing applications. Part of this delay was due to the significant amount of undertaking needed for researchers to convert a clinician-facing medical-grade 3D scanning technology into a consumer-facing application.

We would like to share our experience in our journey of converting a medical-grade clinician-facing technology into a consumer-facing application. Our presentation will cover considerations of 3D scanning accuracies, difference in user-experience between professional users and consumers, product designs ideology transformations. We hope that this report will contribute to the community and help more technology providers effectively pivot their products towards the apparel & footwear industries.

* <https://www.netvirta.com/>