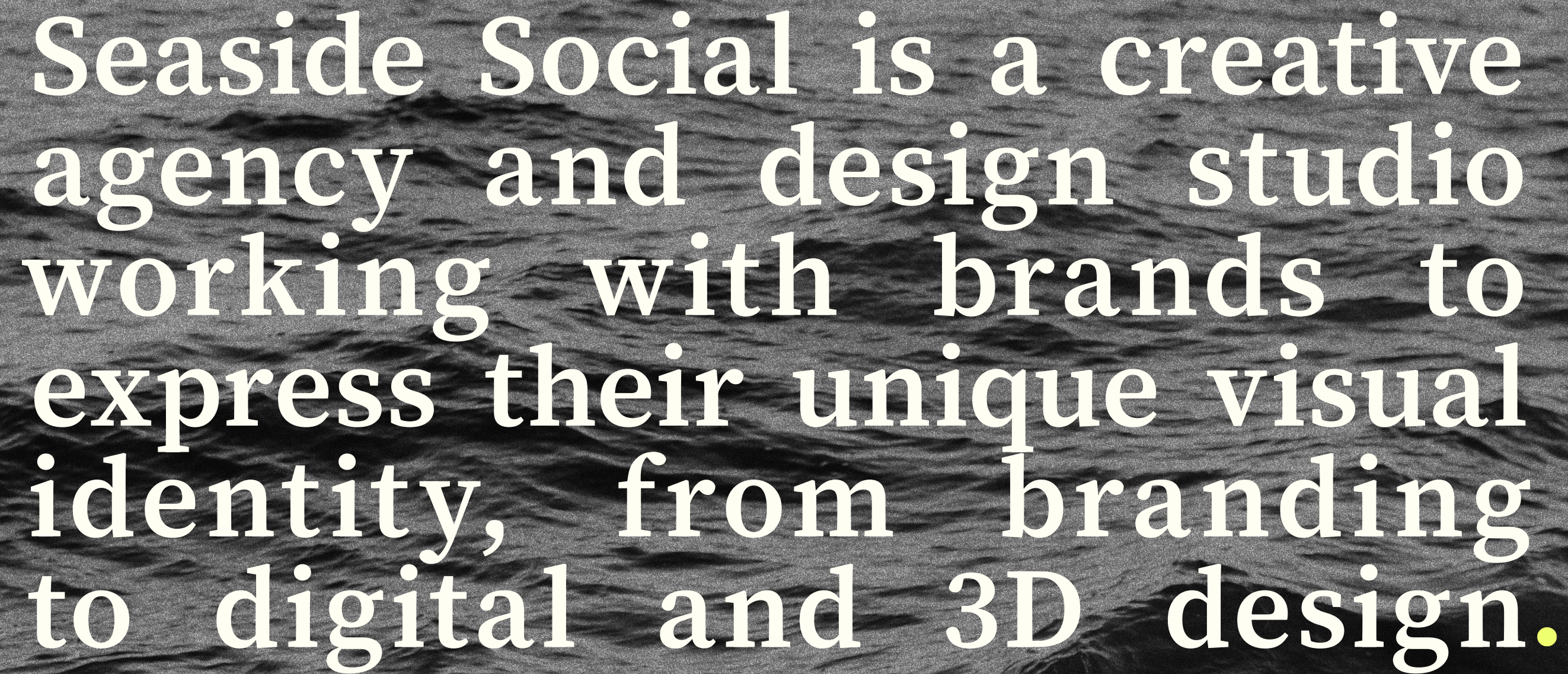


3D DIGITAL SAMPLING

About Us.
What is 3D Digital Sampling.
Key Benefits.
Work Flow.
Showcase.
Let's Work Together.



Seaside Social is a creative agency and design studio working with brands to express their unique visual identity, from branding to digital and 3D design.

WHAT IS 3D DIGITAL SAMPLING?

In fashion design, 3D technology revolutionizes the process by transforming 2D digital patterns into 3D prototypes. Utilizing this cutting-edge technology, we can seamlessly create a 3D garment on a digital avatar tailored to the individual's measurements.

By embracing 3D digital design, brands can streamline the clothing design and sampling process, reducing time and minimizing waste. This advanced technology enables the visualization of highly realistic images of garments, showcasing intricate details like fabric draping and texture.

Our approach involves leveraging 3D software to seamlessly integrate patterns and generate production-ready 3D renditions of garments, departing from traditional 2D methods.

VISUALIZE THE FINAL PRODUCT

With 3D digital sampling, designers can visualize the final product, identifying any pattern flaws or imperfections without making a physical sample.

3D digital sampling allows designers to assess a digital prototype's physical characteristics, such as fabric thickness, stretch, texture, and how it drapes on a human body. This technology ensures precise garment outcomes with minimal revisions needed.

REDUCE ENVIRONMENTAL FOOTPRINT

With the global shift towards greener and more sustainable practices, 3D technology allows apparel companies to complete their digital sampling process without using actual fabrics, reducing fabric waste by up to 80%.

This approach saves time and money, allowing organizations to replace physical samples - typically discarded in landfills - with realistic digital twins.

SPEEDS UP THE PRODUCTION PROSSES

Usually, the sampling process can add 4-6 weeks to your apparel calendar. The complex communication between designers and manufacturers, compounded by different time zones, as well as the time and expenses associated with producing physical samples, have posed challenges.

LOWERS SAMPLE-MAKING COSTS

As the world moves towards greener and more sustainable outcomes, 3D technology enables apparel organizations to execute their entire digital sampling process without committing to fabrics, saving up to 80% of fabric waste. Doing so saves time and costs and enables your organization to replace physical samples, which traditionally would be thrown away in landfills, with true-to-life digital twins.

KEY BENEFITS OF 3D SAMPLING

01
RECIVING A CLIENT PACK



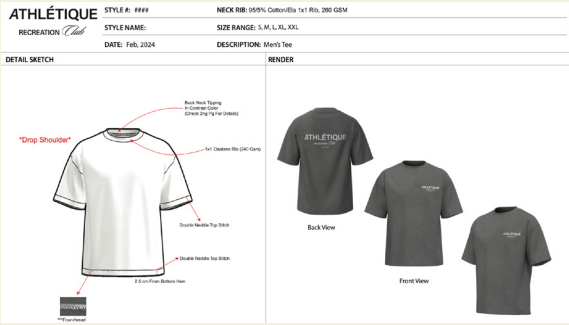
Every client package is unique, tailored to individual client requirements and the utilization of the 3D digital sample. We will provide personalized guidance to each client regarding the specific files necessary for their project.

02
CREATE



Our 3D artist will begin by crafting a bespoke avatar in accordance with the client's specifications for body shape and size. Following this, we will generate a 2D digital pattern and a 3D digital sample.

03
REVISION



Receiving feedback from the designer and providing revisions as necessary, including adding additional color variations or altering the fabric.

04
COMPLETED 3D PACK



3D pack includes high-resolution 3D JPEG files showcasing different side views and detailed CAD files designed for production purposes





SEE ADDITIONAL DESIGNS IN OUR PORTFOLIO:
[HTTPS://WWW.SEASIDESOCIAL.DESIGN/PORTFOLIO](https://www.seasidesocial.design/portfolio)

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