

Rapid Shape and H3D Announce Strategic Integration for Streamlined Hearing Aid Manufacturing

Heimsheim, Germany – October, 2025 – Rapid Shape GmbH, a leading provider of 3D printing solutions, and H3D, a leading AI technology company, are proud to announce the successful integration of H3D's AutoDesign with Rapid Shape's RS Print Studio. This seamless integration delivers automated workflows that significantly streamline the manufacturing process for laboratories and clinics worldwide.

Revolutionizing 3D Printing Production

The integration introduces specialized workflows between both companies' software that eliminate manual setup steps and reduce production time for manufacturers. The solution addresses the growing demand for efficient,



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automated manufacturing processes across the industry.

„This integration represents a major step forward in 3D printing efficiency,” said Andreas Schultheiss, CEO of Rapid Shape GmbH. „By automating the transition from AI-generated designs to optimized print-ready files, we’re helping our customers deliver superior solutions to their patients with minimal room for error.”

Key Benefits and Features

The new integration offers four specialized workflows designed for different hearing aid manufacturing requirements:

Hard Acrylic Molds with Cone Support – Automated processing with no additional supports needed

Hard Acrylic Molds with Multiple Supports – Optimized support placement for complex geometries

Soft Silicone Casting Molds with Cone Support – Streamlined workflow for silicone casting applications

Soft Silicone Casting Molds with Multiple Supports – Enhanced support optimization for intricate cast designs

Each workflow includes intelligent part recognition, automatic orientation optimization, and pre-configured support strategies tailored specifically for production requirements – guaranteeing the perfect results every time.

A Positive Impact for 3D printing and the Hearing Aid Industry

The partnership addresses critical efficiency challenges faced by manufacturers, particularly the time-intensive manual setup processes traditionally required when transitioning from design to production. The automated workflows are expected to reduce setup time while maintaining the high precision standards essential for manufacturing.

“Integrating our AI CAD technology with Rapid Shape’s new RS Studio software was the obvious next step to benefit manufacturers, labs and clinics”, said Iain McLeod, CEO of H3D, “Our common goal of a fully automated design to print workflow is now here, allowing labs and clinics to operate more efficiently than ever before”

Availability and Implementation

The integrated workflows are now available in RS Print Studio version 1.2.2.1148 and can be accessed through the software’s automatic update function. Existing Rapid Shape customers can immediately benefit from the new capabilities.

AutoDesign’s new Print Management feature is included in all the latest releases to all H3D customers – please contact support@h3d.ai where our customer care team can set-up your existing dashboard.

Visit us at the Rapid Shape booth at the 69th International Congress of Hearing Aid Acousticians - EUHA: Hall 7, No. 230 - where you can see a live demo showcasing the

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