

# AI innovations for digital workflows: Imagoworks to unveil enhanced Dentbird Solutions

Imagoworks, a South Korean leader in artificial intelligence (AI) technologies in dentistry, will showcase its enhanced AI digital workflow solution, Dentbird Solutions, at the upcoming IDS under the theme “Less for more”. Now with expanded capabilities to include single crowns, inlays, onlays and bridges, Dentbird Solutions embodies the company’s commitment to streamlining digital workflows, increasing efficiency, and reducing time and cost burdens. Dental professionals from around the world will have the opportunity to witness how AI-driven automation is shaping the future of dentistry.

As the world’s first CAD solution based on an AI-as-a-service model, Dentbird Solutions is transforming dental laboratories and clinics. The suite, which includes Dentbird Crown (Fig. 1), Dentbird Batch (Fig. 2), Dentbird Modeler and Dentbird Studio, will feature its latest enhancements at IDS 2025. These updates include more precise crown designs, improved usability and expanded software interoperability.

### Redefining AI in dental prosthetics

Dentbird Crown, a cloud-based web CAD solution, automates the design

of dental prosthetics using advanced AI technology. With just a few clicks, users can generate custom crown designs tailored to each patient’s dental structure. The software identifies abutments and completes the design process in just one to two minutes, allowing users to review and make any necessary adjustments. This user-friendly solution supports single crowns, bridges, and inlays as well as onlays, integrating seamlessly with Dentbird Milling for a smooth transition to fabrication using 3D printers or milling machines.

### Scaling efficiency for dental laboratories

Dentbird Batch enables large-scale data uploads, allowing AI to automate crown designs for multiple patients simultaneously. Dental laboratories can process oral scan data for 50, 100 or more patients with a single click, significantly improving productivity. Designed to meet the demands of busy laboratories, Dentbird Batch ensures high accuracy and efficiency, supporting fully automated overnight operations without human intervention.

### Seamless software integration

Dentbird Solutions leverages the power of the cloud for seamless inte-



gration with platforms such as Medit Link and SHINING 3D Dental Cloud.

With Dentbird Linker, AI design outputs can be directly transmitted to connected CAM and slicing software such as MillBox (CIMsystem), Go2Dental (Go2Cam), Asiga Composer (Asiga), PreForm (Formlabs) and CHITUBOX Dental (Chitu Systems). This eliminates redundancies and ensures a streamlined workflow from intra-oral scanning to final prosthetic fabrication.

### AOX leading the US market

Imagoworks plans to use IDS 2025 to expand its footprint in the North American market through its

US subsidiary AOX, while enhancing its AI-powered prosthetics production services.

AOX, leveraging Imagoworks’ advanced AI technology, will focus on all-on-X and digital denture production services, driving the adoption of Dentbird Solutions. These services will include a comprehensive range of AI-driven prosthetics, such as dentures and full-arch rehabilitation prosthetics—including those for all-on-X cases—all designed and manufactured using Imagoworks’ proprietary AI solutions. This approach ensures fast, highly customised prosthetic solutions for dental professionals and patients alike.

Through AOX’s innovative and efficient prosthetic solutions, Imagoworks aims to strengthen its leadership in AI technology within the North American market, accelerate the digital transformation of the dental industry and set new global standards in dental care.

Imagoworks CEO Youngjun Kim stated: “AI has become integral to our daily lives. It’s time for dental clinics and laboratories to fully embrace AI-powered digital workflows, marking a new era in dentistry.”

Imagoworks will be present at IDS 2025 in Hall 4.2, Booth K010. Additional information about the solutions can be found at [dentbird.com](http://dentbird.com).

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