PR Contact
Katharina Manok
Coherent
Marketing Communications Europe
Katharina.manok@coherent.com

Coherent and exocad Collaborate to Offer Improved Software Innovation for the Dental Industry

Dieburg/Darmstadt, Germany, March 25, 2020 – Coherent, a leading manufacturer of laser-based technologies, and exocad, a leading CAD/CAM software developer and supplier for dental applications, have announced a collaboration that both companies believe will improve the digital workflow for dental laboratories.

Digital platforms are becoming increasingly important for innovative and modern dental practices and laboratories as they seek to provide the best possible dental care options. The availability of innovative software solutions that streamline workflows while maximizing efficiencies is vital for modern digital dentistry. One essential component for achieving this is compatibility between the software used within a practice and the laboratory to ensure the digital workflow is reliable and as efficient as possible. Ensuring maximum productivity within the digital production chain for companies offering dental services is therefore the primary focus of the partnership between Coherent and exocad.

Early in 2019, Coherent released its innovative 3D software specifically developed for dental applications of 3D printing with the Coherent CREATOR. Called DENTAL COCKPIT, this software simplifies the preparation of models and parts for 3D printing, making it extremely user-friendly and introducing considerable time efficiencies. exocad is the developer of the leading CAD software for dental design applications, the flexibility and feature rich environment of which make it one of the most popular design solutions with dental professionals.

Simplification of the digital workflow and production through compatibility

The collaboration between Coherent and exocad now means that a simple data interface will be available between exocad's DentalDB case management software and the DENTAL COCKPIT, whereby exocad designs can be automatically exported into the DENTAL COCKPIT with a single click. The DENTAL COCKPIT pre-processes and automatically generates the data (according to optimized default parameters) for production of dental parts on the 3D metal printer CREATOR using titanium and CoCr dental-compliant materials. Now, 3D data from the patient can be loaded and printed with two simple clicks because the DENTAL COCKPIT software automates previously time-consuming processes such as
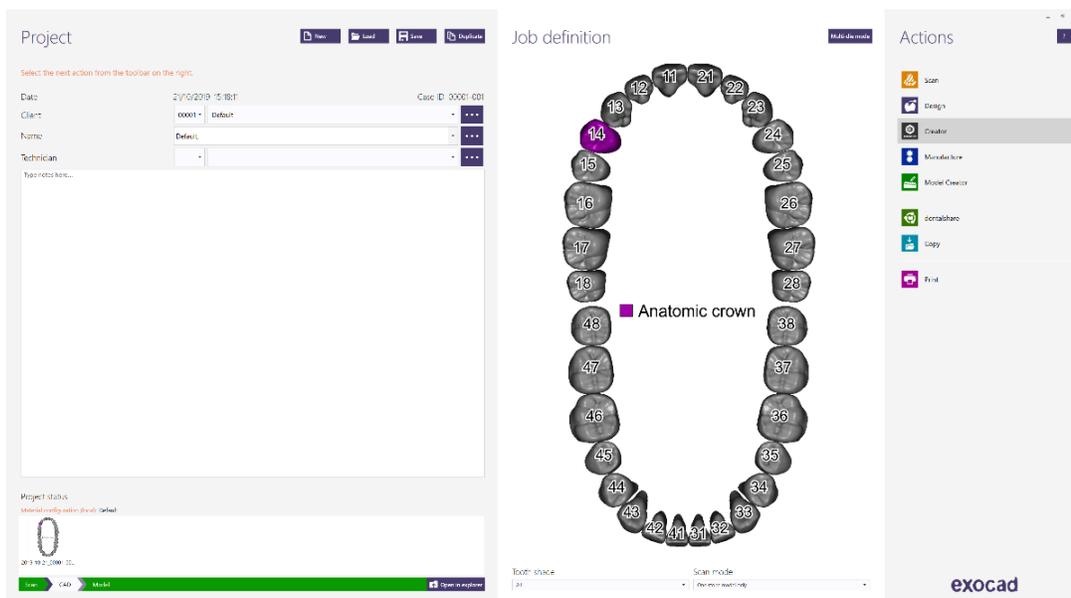
tagging, slicing, nesting within the 3D printer build area and the creation of support structures, if and when necessary.

Together, this software integration offers 3D metal printer CREATOR users in the dental industry the ability to further streamline the digital production chain, with significant time saved between design and production.

Novica Savic, CCO of exocad, commenting on the collaboration: "As a leading software developer for the dental industry, we work closely with many of our clients to understand their needs and requirements. Streamlining the process between design and production of dental parts is key to making their work easier."

Furthermore, Akira Schüttler, Systems Integration Engineer at exocad, added: "The DENTAL COCKPIT solution from Coherent is an innovative development for the production of metal parts on the CREATOR 3D printer and we are delighted to cooperate on integrating the two digital platforms to simplify the digital workflow."

Ludovico Camarda, Managing Director Coherent Dieburg, further commented: "We are delighted to announce this cooperation with exocad. It is a natural fit to make these two dental software platforms more easily compatible. It will also ensure users of exocad and the DENTAL COCKPIT with the CREATOR gain huge efficiency and productivity rewards, with simplified workflows that ensure better outcomes for their dental patients. It's a win-win situation."

Screenshot exocad DentalDB case management software with DENTAL COCKPIT button

About Coherent:

Coherent is one of the technology leaders in industrial laser material processing and has one of the most comprehensive solution and service portfolios in the market as well as in-depth application knowledge. With its lasers and laser systems, which cover a broad spectrum of technologies, wavelengths and output powers, the company advances the production processes of its customers in numerous core industries worldwide. www.coherent.com

About exocad GmbH:

exocad GmbH is a dynamic and innovative software company committed to expanding the possibilities of digital dentistry and providing OEMs (Original Equipment Manufacturers) with flexible, reliable, and easy-to-use CAD/CAM software for dental labs and dental practices. exocad software has been chosen by leading OEMs worldwide for integration into their dental CAD/CAM offerings, and thousands of exocad DentalCAD licenses are sold each year. For more information and a list of exocad reseller partners, please visit www.exocad.com.

Contact exocad GmbH: Natalia Gonsior, Product Marketing Specialist, Julius-Reiber-Str. 37, 64293 Darmstadt, Germany, Phone: +49 (0) 6151 6294-132, www.exocad.com, ng@exocad.com