D4D Technologies, an award-winning developer of digital technologies for dentistry, and Henry Schein, Inc., recently announced the all new E4D® NEVÔ Scanner and Design Center, enhancing the ease-of-use in digital dental restorations for the benefit of the patient and the practitioner. Available exclusively in the United States, Canada, Australia and New Zealand from Henry Schein, the E4D NEVÔ Scanner and Design Center represents a new level of precision, proficiency and productivity versus prior D4D systems, according to the company.

The NEVÔ Scanner technology is based on years of experience with powder-free image capture in the intraoral environment and is the first scanner to use E4D’s patent-pending blue laser technology, which provides exceptional quality of data capture, video-rate speed and ease of use, the company says.

The new E4D NEVÔ Design Center is a powerful laptop computer that uses high-speed Thunderbolt™ technology with the NEVÔ Scanner to provide more energy and double the bandwidth of USB 3 connections, resulting in fast processing and alignment of scans. Plug-and-play convenience gives all offices the flexibility to customize their E4D NEVÔ configuration.

“The E4D NEVÔ Scanner and Design Center represents what we call the ‘Natural EVOlution’ of digital dentistry,” said Mark Quadling, CEO of D4D Technologies.

“We've combined the latest technologies to create an even easier-to-use restoration experience. With NEVÔ, we believe doctors have the potential to further improve the quality, fit and predictability of restorations, affording the patient a great outcome and strengthening the practitioner’s clinical offering.”

The NEVÔ Scanner employs for the first time blue laser technology that offers an improved ability to capture the fine details that allow for more precise and accurate prosthetics, according to the company. The solid-state NEVÔ Scanner incorporates many advances to ensure an exceptional scanning experience, including fog-free scanning, ergonomic design, removable tips for infection control, active heat dissipation for full-arch scanning and color-coded feedback for the operator.

The new system features a laptop-based E4D NEVÔ Design Center, which gives the practitioner increased flexibility and portability. Dentists can easily move the E4D NEVÔ Design Center from operatory to operatory, or even among multiple offices, all while wirelessly connected to the milling center for maximum productivity and patient service.

“Henry Schein is proud to be the exclusive partner of D4D in bringing this exciting new technology to market,” said Tim Sullivan, president, Henry Schein North American Dental Group. “We believe in a patient-centric approach to clinical care, and the new E4D NEVÔ Scanner and Design Center greatly enhances the benefits of digital dentistry for the patient, which in turn will enhance the practice of our customers. We fully expect that the E4D NEVÔ system will drive increased demand for digital dentistry, for the new user as well as for those customers who upgrade their systems.”

The E4D NEVÔ Scanner and Design Center will be featured at the E4D Business of Dentistry conference in Las Vegas from Aug. 8-10 (www.businessofdentistry.com/e4d) and are expected to be available in September.

* Thunderbolt is a trademark of Intel Corporation.