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Carestream Dental Validates SprintRay Pro Printer, Makes it Easier for Practices to Offer Clear Aligners

ATLANTA—Now, more doctors can confidently add in-house clear aligners as a treatment option for their patients with the validation of the SprintRay Pro printer for use with Carestream Dental's newest update to its modeling software, CS Model+ v5.

Over the past 20 years, the number of older patients looking to straighten their teeth with orthodontic treatment has risen from .8 million to 4 million* and the prevalence of clear aligners has driven that growth. But introducing the technology that makes clear aligners possible—intraoral scanners, CAD software and 3D printers, for example—can be disruptive to a practice, and there's always the concern if new equipment will work with existing systems. However, practices that combine CS Model+ v5 with the SprintRay Pro can have confidence that their systems work together seamlessly, removing a barrier to affordable in-house aligners

"We're excited to announce this integration between Carestream Dental and SprintRay," John Cox, vice president of sales and marketing, SprintRay, said. "Simplifying the process from scan to print removes friction from the digital workflow, helping to drive the adoption of CAD/CAM technology, which ultimately benefits the patient. Intraoral scanners and 3D printers are very complimentary technologies, and we're proud to offer this integration to our user bases."

Users start with a scan captured by either a CS 3600 or CS 3700 intraoral scanner. Next, the latest version of CS Model+ v5, with its color-coded case complexity ranking and other automated features, helps users plan and design aligner case. From there users can directly import the aligner models into the SprintRay nesting software, RayWare, where AI-driven printability ensure proper orientation before printing. The print job can then be sent to the SprintRay Pro 3D printer, where eight models can be fabricated in less than 30 minutes. Using the SprintRay Pro Wash/Dry and Pro Cure post-processing units, the models can be ready for thermoforming in under an hour with minimal user interaction.

"Practices have been telling us they want more control and more options when it comes to clear aligners to meet growing patient demands," Ed Shellard, D.M.D., chief dental officer, Carestream Dental, said. "CS Model+ v5 gives users control over the design and printing with the SprintRay Pro lets them keep treatment in-house, so they can compete with direct-to-consumer brands but with the benefit of clinician-guided treatment--and in a shorter timeframe."

To learn more about SprintRay, visit sprinray.com. To learn more about Carestream Dental's intraoral scanners, CS Model+ v5, its CS Solutions CAD/CAM portfolio or any of its innovative solutions, visit carestreamdental.com.



**Market Research Report (2020). Clear Aligners Market Size, Share & Covid-19 Impact Analysis, by Patient age group y end user and regional forecast, 2020-2027. (Report ID FBI101377) Fortune Business Insights. <https://www.fortunebusinessinsights.com/industry-reports/clear-aligners-market-101377>*

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About SprintRay

SprintRay is a leader in the dental 3D printing space, combining user-friendly design with highly functional tools for in-office production. 2019 saw the release of the transformational SprintRay Pro 3D printer and Pro Cure post-processing unit which catapulted the company to the forefront of dental 3D printing. The company sets itself apart with total alignment around one goal: to help dental professionals use 3D printing to revolutionize dentistry.

About Carestream Dental

Carestream Dental is committed to transforming dentistry, simplifying technology and changing lives. In this pursuit, we focus on providing the latest in high-quality scanning technology, the smartest chairside systems, the most intuitive practice management software, incredibly accurate imaging software and the data intelligence that helps continually refine patient outcomes. And we offer these solutions for the full range of dental and oral health professionals. For more information please visit carestreamdental.com.

