

## Reliable new digital solutions for orthodontics

**At the IDS, Dentsply Sirona will be presenting its range of orthodontic products as well as solutions which connect various processes, ranging from imaging procedures through to the digital production of orthodontic appliances.**

**Bensheim/Salzburg, March 21, 2017.** Orthodontists and dentists who offer orthodontic treatments will experience a number of exciting changes from Dentsply Sirona at the IDS: DENTSPLY GAC has become Dentsply Sirona Orthodontics. The product range is comprehensive and offers numerous tried-and-tested materials and aids for orthodontic practices. This includes a large selection of brackets, buccal tubes, bands, archwires, clear aligners, instruments, adhesives, elastomerics, ligatures and extraoral accessories. With the BioForce PLUS archwires and the OmniArch PLUS brackets, new products are being presented which are produced in the company's own state-of-the-art production facilities. Furthermore, the range has been expanded to include ESSIX products for specialist orthodontic laboratories. There is also focus on integrated solutions which have been made possible following the merger of these two strong and innovative companies. This represents a major advantage for orthodontists: guaranteed intelligent treatment solutions from a single source.

### Orthodontics is becoming increasingly digital

It all starts with a reliable and precise diagnosis based on digital imaging. Thanks to innovative DCS technology (Direct Conversion Sensor), Orthophos SL (Dentsply Sirona Imaging) provides exceptional image quality or, alternatively in 3D, the dose-reduced Low Dose mode which offers CDBT data in the dose range of a 2D recording. Both promise significant added value for orthodontic practices.

With CEREC, Dentsply Sirona has successfully paved the way for digital orthodontics. The CEREC Omnicam and the CEREC Ortho software 1.2 from Dentsply Sirona CAD/CAM offer a digital solution for the creation of impressions. It enables orthodontists to create a digital model of both arches in one reliable, guided scan using CEREC Omnicam. An impression created in this way can then be sent for planning orthodontic treatments and producing the required appliances. Model analysis is also possible with the new 1.2 software. Scan and analysis essentially mean fewer conventional impressions in comparison to what is currently commonplace in orthodontics. Possibilities are further opened up for monitoring the success of treatment with a less time-consuming digital model. What's more, this job can be delegated to a technical assistant. The creation of physical models is thus essentially a thing of the past – if necessary they can be printed at any time using a 3D printer. For patients, the digital production of aligners results in the rapid commencement of treatment and, in turn, a quick, effective and esthetic

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### About Dentsply Sirona:

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with a 130-year history of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dentistry. Dentsply Sirona's global headquarters is located in York, Pennsylvania, and the international headquarters is based in Salzburg, Austria. The company's shares are listed in the United States on NASDAQ under the symbol XRAY. Visit [www.dentsplysirona.com](http://www.dentsplysirona.com) for more information about Dentsply Sirona and its products.

solution for correcting teeth misalignments.

### **Interfaces for efficient communication with the laboratory**

Preinstalled interfaces in the CEREC Ortho software enable seamless communication with specialist service providers. The digital workflow is thus continued in the CEREC Ortho software at just the click of a button. Ideal Smile aligners can now also be ordered in this way. The menu for data export has been modified again in the software to make this step even simpler. This enables quick coordination and rapid, precise production of all types of orthodontic appliances.

"The merger of DENTSPLY and Sirona has resulted in a new spirit of innovation in the field of orthodontics," stressed Roddy MacLeod, Group Vice President CAD/CAM at Dentsply Sirona. "We are reconciling diagnostics, therapy and the digital implementation of treatment concepts to achieve even greater efficiency in orthodontic practices. The extent of our joint product range, which now includes the leading CAD/CAM technology CEREC, enables orthodontists to select the ideal individual treatment from Dentsply Sirona."

*Due to various certification and registration periods, not all products are immediately available in all countries.*

### **Dentsply Sirona at the IDS 2017:**

Hall 10.2 & 11.2

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## IMAGES



*Fig. 1: Ideal Smile Aligner: Dentsply Sirona's efficient aligner solution for smile improvements. Enhanced transparency and attachment free system lead to a nearly invisible solution and increased patient satisfaction.*



*Fig. 2: CEREC opens the door to the world of digital orthodontics. Impression taking with a guided scan and model analysis are the first steps.*