



527 Industrial Way West  
Eatontown, NJ 07724  
P 732-389-4500  
F 732-389-4998  
[www.lanmarkgroup.com](http://www.lanmarkgroup.com)

News Release

**Media Contact:**

Erin Foster / Lanmark Group  
[efoster@lanmarkgroup.com](mailto:efoster@lanmarkgroup.com)  
732-3894500 ext. 128

**FOR IMMEDIATE RELEASE:**

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## **Sirona Dental Systems Introduces Latest inLab<sup>®</sup> 3D Software Upgrade V3.80**

### ***Multiple Design Modes Provide Even More Possibilities for inLab<sup>®</sup> Users***

**Charlotte, NC (August 4, 2010)** – Sirona Dental Systems, LLC, the company that pioneered digital dentistry 25 years ago and the world's leading producer of dental CAD/CAM systems, recently introduced the latest inLab<sup>®</sup> 3D software upgrade: V3.80.

inLab V3.80 has been enhanced with powerful, straightforward tools and a simple, predictable workflow. Developed specifically for the inLab system, the new V3.80 incorporates the advanced features and benefits of Sirona's Biogeneric Software Technology, which is the only dental CAD/CAM software to automatically design a custom, "true-to-life" restoration based on individual patient morphology rather than a pre-existing tooth model in a dental database.

In effect, Biogeneric software takes the patient's intact tooth structure into account and identifies the exact morphology of the missing structure necessary to bring the tooth back to its normal, uncompromised state, and enables inLab users to produce esthetically pleasing crowns, veneers, inlays, onlays, and anatomically sized bridges.

For the first time, dental technicians are able to produce anatomically sized permanent bridges relying solely on CAD/CAM technology. For example, in the new Multilayer design mode, the user begins by designing an anatomically sized bridge. This design is then automatically separated into two components: The framework core and the facing. Allowance is automatically configured for the minimum wall thicknesses of the materials. In addition, the software ensures that the two components fit together perfectly (i.e. without undercuts) after milling and sintering have been carried out.

**-more-**



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Some of the other standout features of the new software V3.80 include but are not limited to:

- **Biogeneric Crowns** – Now all occlusions (inlays, onlays, crowns, bridges and veneers) are generated with Sirona’s patented Biogeneric software, which means less design time
- **Buccal Bite Registration** – The software can **now** register preparation and antagonist models together with the aid of **just** a few images from the Buccal aspect. Simply hold the two models in centric and acquire a few images to register the models together, eliminating the need for bite registration material
- **Thin Veneers** – The minimum thickness for veneers **is now** reduced to 300 µm (restorations required to be machined on inLab MC XL milling unit only)
- **Optimized Correlation Design mode** – Software generates morphologically plausible reconstructions of intricate areas that cannot be copied by **digital scans**
- **New Materials Support** – VITA RealLife Blocks (MC XL only) for aesthetic anterior restorations and Ivoclar-Vivadent’s Telio-CAD temporary bridge material
- **inEos Blue Integration** - All inEos® Blue V3.70 software functions are fully integrated into V3.80, **enabling** inLab users to conveniently and efficiently control the scanner directly via the upgraded software

“V3.80 is a major software upgrade, not an update,” explained Jonathan Hill, Marketing Manager, CAD/CAM Lab Applications. “Now more than ever, inLab’s made-to-measure Biogeneric restorations are simpler, quicker, and far more precise than the ‘off-the-rack’ equivalents of other CAD/CAM technologies.”

For more information about any of Sirona’s CAD/CAM and digital impression solutions or to schedule a free demonstration, call your local Patterson branch, 800-873-7683, or visit [www.inLab.com](http://www.inLab.com).

### **About Sirona Dental Systems, LLC**

Recognized as a leading global manufacturer of technologically advanced, high-quality dental equipment, Sirona has served equipment dealers and dentists worldwide for more than 125 years. Sirona develops, manufactures, and markets a complete line of dental products, including CAD/CAM restoration equipment (CEREC® and inLab®); digital and film-based intraoral, panoramic, and cephalometric X-ray imaging systems; dental treatment centers; and handpieces. Visit <http://www.sirona.com> for more information about Sirona and its products.

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