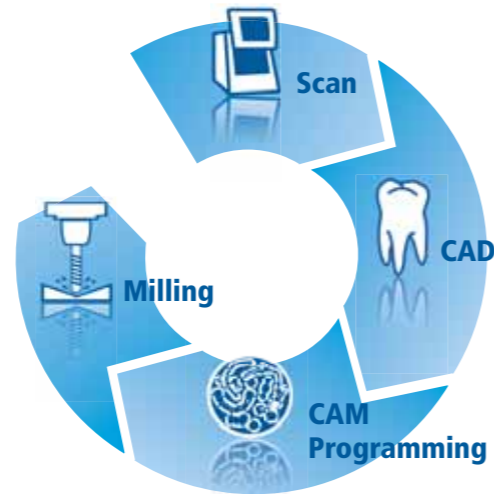


## USER-FRIENDLY

- ▶ NO LIMITATIONS ON CHOOSING RAW MATERIAL OR MATERIAL SUPPLIERS
- ▶ STANDARDIZED AND FULLY CUSTOMIZABLE STRATEGIES AND TOOL-PATHS
- ▶ WORK WITH VIRTUALLY ANY OPEN MILLING MACHINE



## MAIN FEATURES

- ✓ One click allows complete manipulation of restorations: Rotation, Positioning, Changing Support Pins.
- ✓ New graphical user interface with full support for touch screens.
- ✓ Guides users throughout the process in preparation for milling.
- ✓ The wide range of types of restorations, together with the variety of materials, can cover all the needs of the laboratory/doctor.
- ✓ MillBox uses different colors to highlight potential areas that may need extra focus during milling (undercuts or un-reachable areas).

## AVAILABLE VERSIONS

- ✓ MillBox 4 Premilled/Blocks - 4 Axes, single machine, closed system. Available for Premilled and Blocks.
- ✓ MillBox 4 FULL - 4 Axes, single machine, closed system.
- ✓ MillBox 5 FULL mono - 5 Axes, single machine, open system (supporting the opening of SUM3D Dental 5 axes).
- ✓ MillBox 5 FULL multi - 5 Axes, open system (supporting the opening of SUM3D Dental 5 axes without limits of machines).

*MillBox users are always up to date thanks to the continuing evolution of the software. For more information on all news, see "Release Notes" of the website.*

## OEM Version

MillBox is an application that can be customized or integrated into an existing system. Customization can be set at the prompt level or with ad-hoc strategies for dedicated machines. Tailor-made importers and interfaces are designed upon request. Furthermore, specific function libraries can be displayed straight from pre-existing applications.

## Company Profile

**CIMsystem relies on its strong expertise in the manufacturing industry to fully support hundreds of customers.**

Starting from the initial assessment of their needs, down to the implementation and customization of the right solution, we deliver high-quality, innovative, and powerful technical tools, with training from qualified individuals providing excellent after-sales service and support.



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Reverse Engineering



CAD/CAM Systems



Data Transmission



Training & Consulting



AD HOC Solutions

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## The easiest Dental CAM system



Powered by





## The most intuitive and simple to use Dental CAM solution ever made

### Featuring new features and an all new interface to tackle your work faster.

A reliable partner to improve your workflow by enhancing your technical skills, increasing the quality and range of your products.

MillBox is a new dental CAM solution developed for milling any kind of material. Equipped with a simple to follow user interface that is both innovative and appealing, thus simplifying the nesting and toolpath creation.

Using MillBox means: Nesting operations are easier to perform. With little to no manual steps needed, new users are able to get operational in a very short time with minimal training. MillBox is built on a powerful CAM platform that is easy to use and that minimizes time and cost, with a significant return on the investment made.

### BUSINESS BENEFITS

- ▶ INCREASE YOUR BUSINESS BY OFFERING A WIDER RANGE OF RESTORATIONS
- ▶ REDUCE MILLING TIME, MATERIAL AND TOOL CONSUMPTION
- ▶ SAVE TIME AND COSTS FOR TRAINING AND SUPPORT

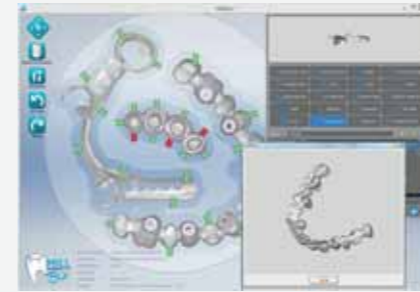


## RESTORATIONS

## MATERIALS

## MACHINING

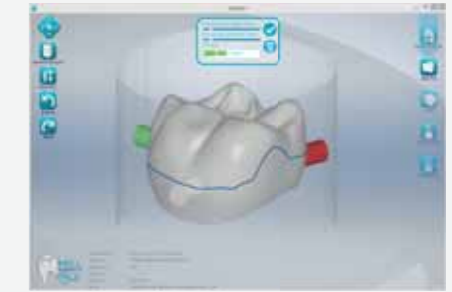
### TECHNICAL FEATURES



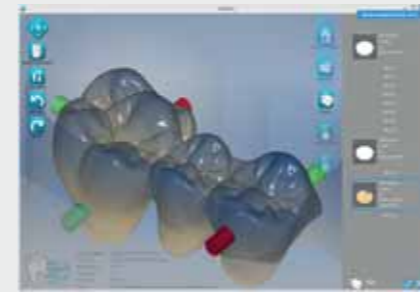
Import of any type of dental restoration (crown, bridge, etc.) from any open CAD source ie: 3Shape®, DentalWings® EGS®, Exocad®. **The recognition of the object type and morphology is completely automated.** Automatic features will apply to each imported object (autonesting, support pins, margin line detection, offset, orientation, etc.).



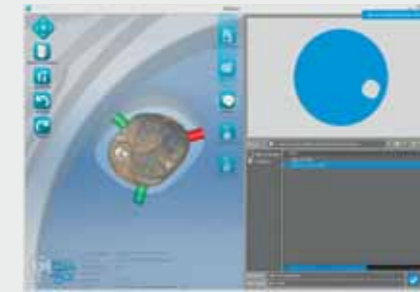
MillBox automatically identifies special features on restorations that require specific machining operations (holes, internal and external implant interface connections, locators, etc.). The nesting of the restorations to mill and position in the stock, though automatic, can be fully adjusted directly on screen utilizing adjustment arrows conveniently located around the parts.



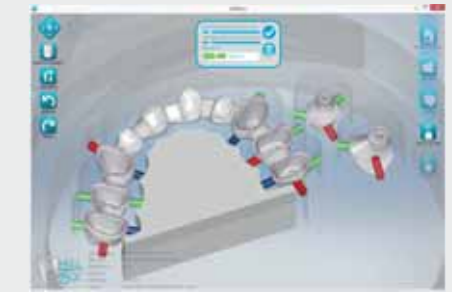
**Due to the fully automated workflow in MillBox**, it is possible to perform various additional operations on imported restorations, such as: Interface replacement, engraving and generation of stabilizer bars for longspan bridges. To avoid placement of support pins in undercuts, the connector can be anchored to the height of contour.



All of the materials that are currently being used in the dental industry are supported by MillBox completely. We also offer the option to change the display color of the material used. We can utilize and display "shaded" and "multi-layered" materials. The restorations specifically placed in the materials during the design phase, can automatically be imported into MillBox while preserving the position between the CAD & CAM.



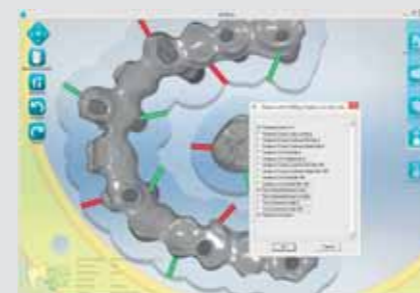
The material library, which includes discs, blocks, cylinders and premilled blanks is completely open, thus giving the user the possibility of expanding their offerings as new materials become available.



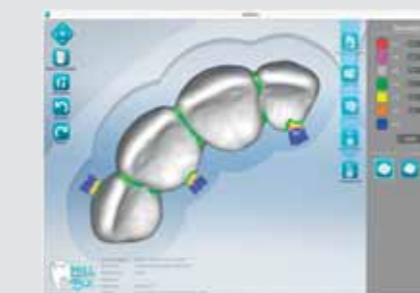
The restorations are automatically positioned and oriented, within the stock in order **to ensure the optimal use of space in the material**, as well as the best workability of the restoration.

**The partially used materials are automatically saved in its own library**, allowing for the possibility to reuse it in the future.

Each material has default connectors in the size and shape appropriate for the material (cylindrical, conical, etc.).



MillBox is provided with a complete library of strategies that utilize a wide range of tools, materials & machines.



**During toolpath calculation, we take into account the entire structure of the machine** (equipment, spindle, etc.).



The creation of **custom reports** and print-outs facilitate the organization and management of jobs thus avoiding production and shipping mistakes.

**The tool library includes various special tool shapes** (lollipop, spherical and flat T, shaped) for specific machinings operations such as the milling of undercuts, locators, angled screw holes.

Any tool paths that are detected to cause a collision are automatically removed. A special feature displays the finished product, taking into account any parts that cannot be milled.

A wide range of report variables can be managed in order to allow the automatic population of data for printing information on the run, the machine, the type & size of material, milling time, etc.

JOB REPORT	
Project: 11_08_2014	Machine: 11
Production Component: 1	Stock: 1000000
Milling Time: 10:00:00	Stock Code: 1100
Machine Name: 1100	Lot Code: