CIM system
Computer Integrated Manufacturing

Your slicing software for complete
3D printing management

PYRAMIS
GET READY TO PRINT

The best way to turn **your ideas into 3D**

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Pyramis is the complete solution for 3D printing management. It leads you through all the necessary steps for project preparation and execution can be used with the most popular existing technologies (SLM, SLA, DLP) and printing materials (resins, metals, etc.).

With a simple and intuitive user interface, Pyramis menages multiple levels of operational requirements and provides consistent reliable results regardless the printing technologies used at affordable cost. Whether you are an expert or basic user Pyramis allows you to deliver your projects according to your needs in just few steps.

BENEFITS

Why choose **Pyramis?**

EASE OF USE

Simple workflow and intuitive interface allow you to deliver an excellent final product in just few steps.

INTEGRATION

It is perfectly integrated with leading dental CAD software and available for any machine manufacturer.
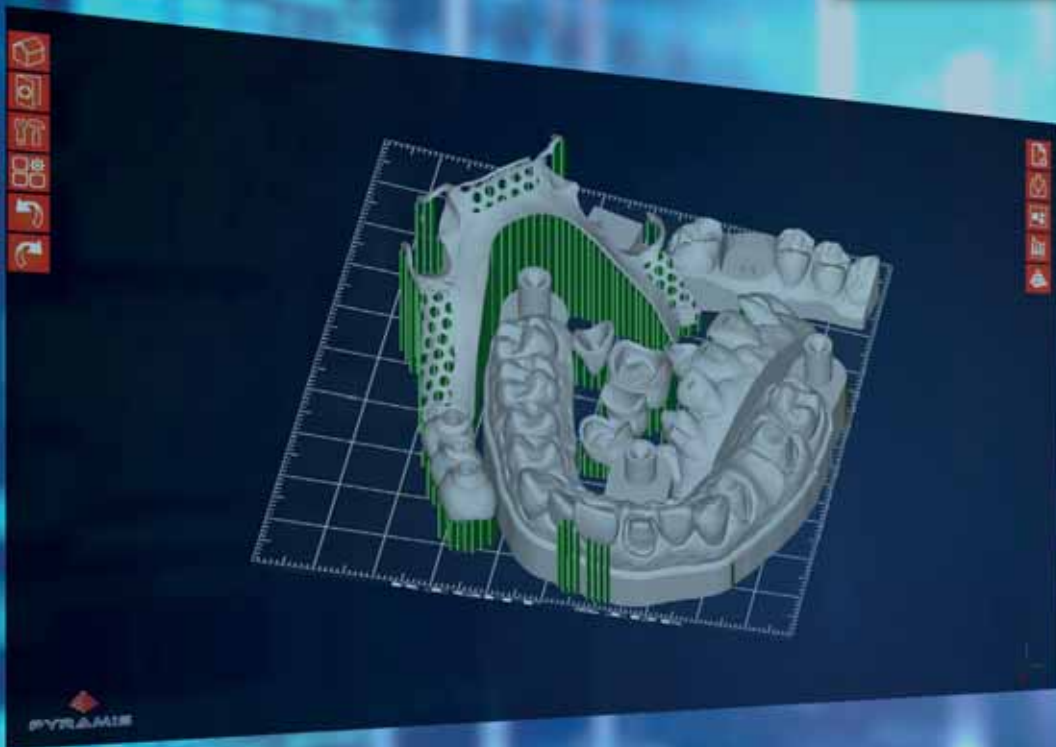
FLEXIBILITY

It adapts to your needs and optimizes machining for different 3D printing technologies. It is also available in different versions, for basic or expert users.

FREEDOM OF MANAGEMENT

It gives you the chance of modifying software key parameters and guaranteeing complete freedom of choice.

Main **features**

Get a closer look at some of the things that Pyramis con do **for you**

✓ OBJECT ANALYSIS AND MESH RESTORATION

✓ AUTOMATIC NESTING PROCESS

✓ EASY PLACEMENT AND SUPPORT SELECTION

✓ PROJECT PREVIEW

✓ ANTILIASING (DLP) TECHNIQUE

✓ ADVANCED HATCHING FOR SURFACE DIFFERENCES RECOGNITION

✓ AUTOMATIC OBJECT ID TAG CREATION

Get **quickness** and **precision** for your dental manufacturing at the same time is
now possible!

Take advantage of 3D printing speed and cost effectiveness while keeping the hight quality of milling process!

Start a project in **Make&Mill**, print in 3D with **Pyramis** and refine milling in **Make&Mill**. All in a very easy way. You can easily switch between the two software interfaces in just one click.

What is Make&Mill?

Make&Mill is a module that enables you to combine additive and subtractive manufacturing - all within a single application. It guides you through the nesting process for your sintering machine and produces toolpaths for refining restorations on your mill. Thanks to its precise management of material profiles on your sintering machines you can be sure you are printing properly scaled parts.

What **else** can you do with Pyramis?

Regardless of the printing technology you are using, Pyramis is also compatible for use in industries and markets outside of Dental manufacturing such as **Jewelry**, **Medical**, **Product Development**, **Design**, **Mechanical components in aerospace, automotive and industrial applications**.

DLP

Digital light technology that uses resins and liquid photopolymers in an additive process.
In DLP 3D printers, there is a direct relationship between resolution and print volume: the less you print the better resolution you have, that's why DLP is strongly used for the production of jewelry. Customization of printer assets is a key factor to assure the return on investment, which leads to the importance of using a flexible and versatile software.

SLA

Creation of solid parts by selective solidification of a photopolymer resin with a UV laser beam. SLA 3D printers produce more precise objects with smooth surface and are very useful for mechanical manufacturing. In this field of application precision is everything and a the usage of a software that allows you to analyze and restore CAD project before the import really makes the difference.

SLM

The Sintering Laser Melting technology melts metal powders into a solid and homogeneous mass thanks to a very high power laser. The result is robust and long lasting object used mainly in prototipe, medical and aereospace. The great variety of objects that can be created requires open, flexible and customizable software to address every type of need. Moreover laser printing is a quite expensive and time consuming technology, that's why an easy to use and cost effective software is the best choice.

OEM versions available: contact a CIMsystem representative and ask for a customizable, cost effective solution to turn your ideas in 3D.

www.cimsystem.com

About Us

CIMsystem is an Italian software house leader in CAD/CAM solutions for dental and industrial manufacturing. With multiple offices in the USA, Europe, and Asia, and a a ever-expanding distributors network, we are able to serve and support customers all over the world with multiple modern, effective, and customizable solutions.

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