

IMPLANTOLOGY



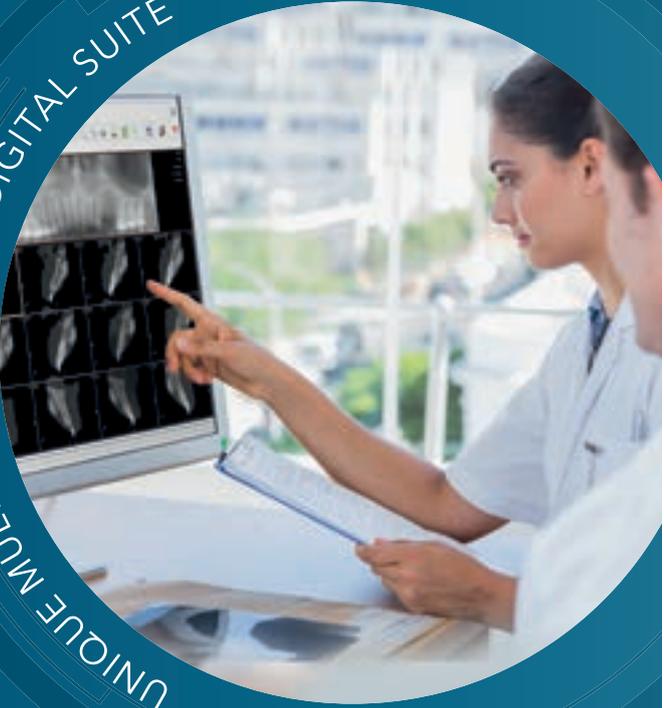
ORTHODONTICS



NemoStudio



UNIQUE MULTIDISCIPLINARY DIGITAL SUITE



ORTHOGNATHIC



DIGITAL SMILE DESIGN



NEMOTEC



Taking Dentistry One Step Ahead



## INDEX

<b>01</b>	NEMOTEC TECHNOLOGY: GUARANTEE SUCCESS	2
<b>02</b>	FROM 3D PLANNING TO THE PATIENT'S MOUTH	4
<b>03</b>	NEMOSTUDIO: ALL IN ONE	5
<b>04</b>	UNIQUE MULTIDISCIPLINARY SUITE	6
<b>05</b>	BENEFITS OF THE NEMOSTUDIO SUITE	7
<b>06</b>	MODULES OF THE SUITE	8
<b>07</b>	NEMOSTUDIO' FEATURES	10
<b>08</b>	NEMOSTUDIO' TECHNICAL REQUIREMENTS	12

# 01 NEMOTEC TECHNOLOGY: GUARANTEE SUCCESS

SPANISH COMPANY PIONEER IN THE DEVELOPMENT OF  
COMPUTER SOLUTIONS FOR THE DENTAL INDUSTRY

With 25 years of experience, Nemotec has more than 50 employees from different specialized branches, sales in more than 60 countries and has a network of 14 distributors spread in strategic areas worldwide. The company presents its new version of the unique digital multidisciplinary platform for dentistry.

**25**  
years of  
experience

Unique  
**MULTI-  
DISCIPLINARY**  
suite

**10.000**  
doctors

Opinion  
**LEADERS**

**60**  
countries

NEMOTEC 



Nemotec, a leading technology company for the dental industry, was created in 1992 to provide dentists, clinics, laboratories and technology companies with flexible and open solutions to make diagnosis, planning, print and communicate visually and efficiently treatment plans for patients in all the fields of dentistry: Orthodontics, Ortognathic, Implantology and Aesthetics.

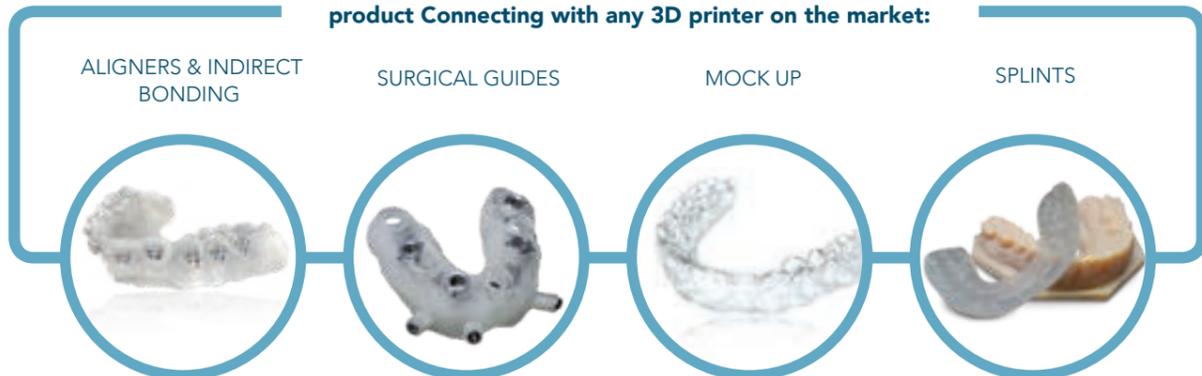
# 02 FROM 3D PLANNING TO THE PATIENT'S MOUTH



Nemotec offers unique and latest solutions generation, integrated into the single platform open and flexible digital multidisciplinary worldwide in the field of dentistry, known as NemoStudio A suite that includes modules based in experience and excellence, recognized by opinion leaders at the international level.

Nemotec solutions allow to diagnose, plan and design in 3D thoroughly all the treatment plans covering the different Specialties of Dentistry: Orthodontics, Implantology, Smile Design and Orthognathic. Nemotec modules allow Odontologists design and manufacture their own products to move planning to the patient's mouth with absolute precision and safety

The NemoStudio suite allows the manufacture of the final product Connecting with any 3D printer on the market:



# 03 NemoStudio ALL IN ONE

## UNIQUE

### ALL IN ONE SOLUTION

Exclusive and complete multidisciplinary digital platform including different specialities such as Ortodontics, Orthognathic, Implantology and Digital Smile Design (DSD), including cases into one central database. Solutions based on experience and excellence endorsed by the best Doctors in the world.



## OPEN

### ALL IN ONE INTEGRATION

Compatible and easy to integrate with all hardware: CAM, Scanners, Digital cameras, printers, CBCT systems, consumables, implants and orthodontics. All of these applications will communicate in real time and link together. Your products will become more attractive to thousands of customers.



## SERVICE-FIRST

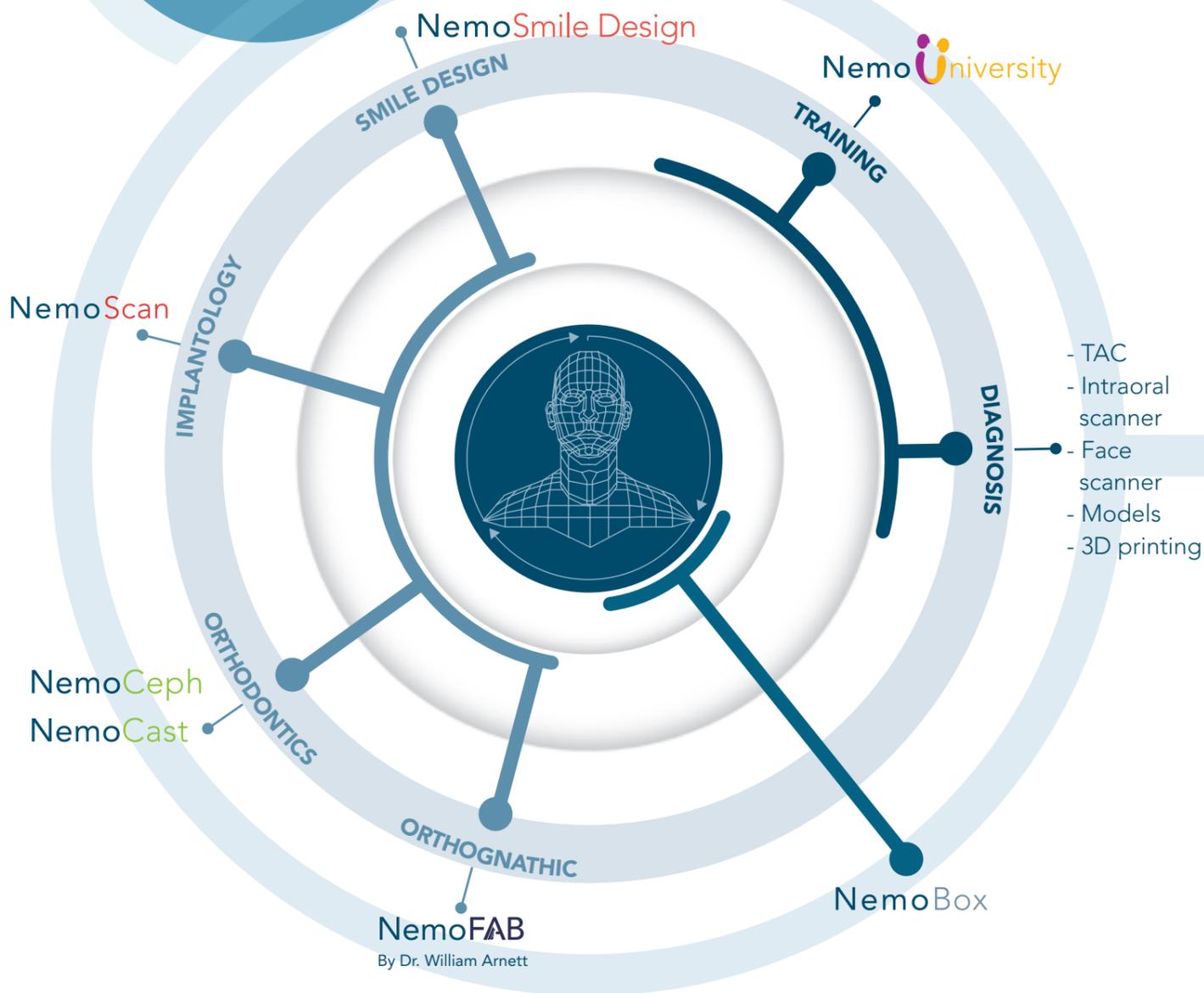
### ALL IN ONE TRAINING + SUPPORT

Doctors are trained with the platform Nemo University nemouniversity. nemotec.com together with a specialized support to increase the knowledge in digital dentistry



# 04 UNIQUE MULTIDISCIPLINARY SUITE

NemoStudio is the unique multidisciplinary digital platform for dentistry open and flexible worldwide

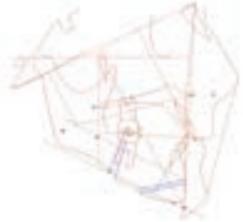


# 05 BENEFITS OF NemoStudio SUITE

- 01 **OPEN**  
The suite is open-source and is not linked to the buying process of expensive devices. The software can be easily integrated with any clinical devices.
- 02 **SAVING**  
Save time and money by working with high-performance software that runs robustly, even when dealing with complex cases.
- 03 **FLEXIBILITY**  
NemoStudio's modular and open solution can be fully integrated by specialties accordingly to your needs.
- 04 **USER FRIENDLY**  
Display intuitive and easy-to-use interface accessible through NemoStudio Digital Platform (panels, view, icons and wizards).
- 05 **FACIALLY DRIVEN**  
NemoStudio Suite uses the real and facial records of the patient, giving exact and accurate diagnosis for each patient.
- 06 **ACCURACY**  
NemoStudio has proven its stability delivering reliable digital dental treatments including complete functionalities in each discipline.
- 07 **INNOVATION**  
Technologically avant-garde solutions for diagnosing, planning and communicating visually and effectively about dental treatment plans.
- 08 **QUALITY**  
Pursuing to follow quality processes to reach higher Expert's satisfaction.
- 09 **AFFORDABLE**  
Drastically reduce integration costs, increase time-to-market and improve business flexibility with a strong competitive software solution.
- 10 **SCALABILITY**  
NemoStudio functionality can easily be deployed across a geographically distributed network as needed.
- 11 **COMMUNICATION**  
Clinic and Laboratories can concentrate in improving patient's experience. The technology communicates visually. Share cases and records to a simple web viewer.

# 06 MODULES OF NemoStudio SUITE

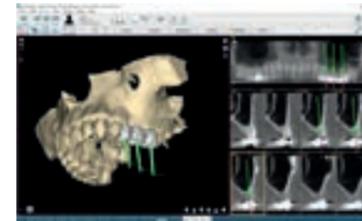
## NemoCeph



**Cephalometric module that allows diagnosing the problem to effectively plan the case of orthodontics.**

NemoCeph is the tool that offers the most possibilities in the diagnosis, treatment plan and case presentation in orthodontics. Its simplicity, ease of personalization and communication power make it the most widely used program worldwide.

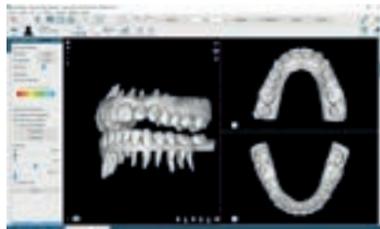
## NemoScan



**3D module that allows to diagnose and plan the treatment of implants starting from the prosthesis. Design the surgical guides transferring that design to the final position in the mouth with absolute precision.**

NemoScan is a solution for the diagnosis and planning of implantology treatments. The implantologist, using the most advanced technology, plans treatments showing the process to the patient with total security, guarantee and confidence in just a few simple steps. The surgeon digitally defines the ideal position of the implant based on the final design of the prosthesis. The software generates the surgical guides, transferring that design to the final position in the mouth with absolute precision. Once the surgical guide is designed, it can be manufactured using any 3D printer.

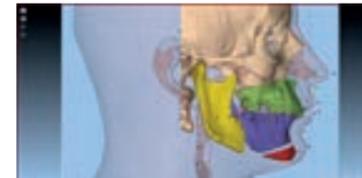
## NemoCast



**3D module that allows, starting from the digital study of models, perform the virtual setup of orthodontics and plan orthodontic treatments of indirect bonding and aligners.**

NemoCast is a software for orthodontics that allows from the analysis of digital models, diagnosis, digital planning, to the printing of products and presentation of cases to the patient with tools of great use for the orthodontist. The intuitive interface of the workspace offers a repository of clinical records that clearly separates the preparation part of the case from the diagnosis and planning of the cases.

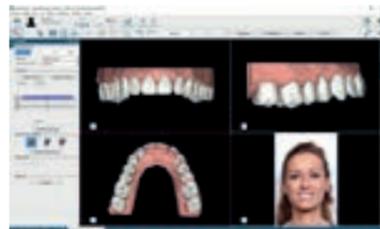
## NemoFAB



**3D module that allows the meticulous planning of orthognathic treatments in 8 steps. It has been designed jointly with Dr. William Arnett.**

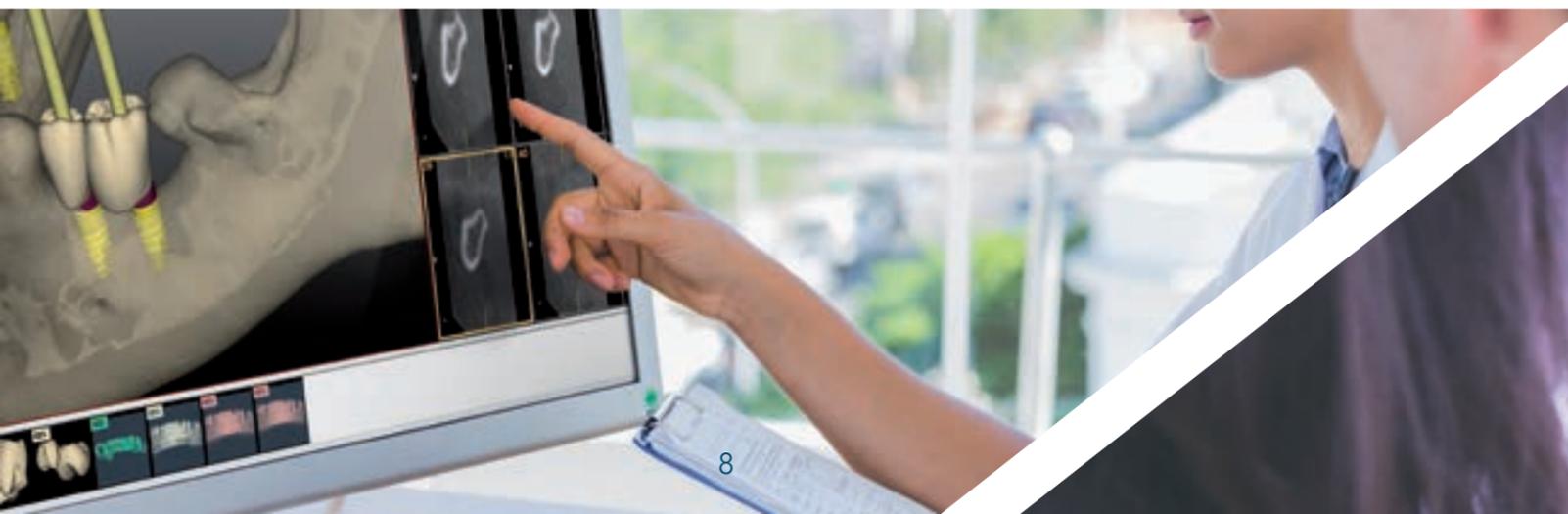
NemoFAB is a leading solution used worldwide by orthognathic surgeons designed by opinion leader Dr. Arnett: "The NemoFAB software is an incredibly complete tool for diagnosing and planning treatments for facial corrections, airways and biting. A treatment planning based on 40 years of experience in orthognathic surgery".

## NemoSmile Design

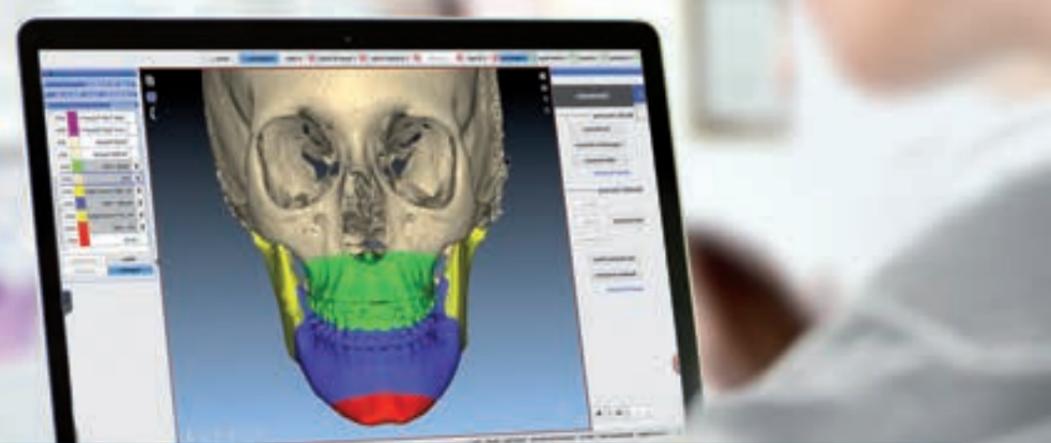


**Module 2D and 3D that allows, starting from the photographic records of the patient, to simulate his perfect smile and produce a mock up that can be transferred to the patient's mouth to show him how his treatment will be before starting it.**

NemoSmile Design designs a mock up that allows the patient to visualize how his treatment will be before starting it. The software uses the flow of digital smile design in 3D and performs the simulation of the treatment plan and virtual waxing. The software creates a facially guided wax-up with the patient's photo for a perfect biological, functional and aesthetic balance. It is an interactive, visual and effective communication tool that adjusts every patient detail to the perfect smile design.



# 07 FEATURES NemoStudio



FIELD OF DENTISTRY	ORTHODONTICS	IMPLANTOLOGY	ORTHODONTICS	DIGITAL SMILE DESIGN	ORTHOGNATHIC
FEATURES - MODULES	NEMOCEPH	NEMOSCAN	NEMOCAST	NEMOSMILE DESIGN	NEMOFAB
Digital Patient Form	•	•	•	•	•
Capture of 2D digital devices	•	•	•	•	•
Manager and Editor for images	•	•	•	•	•
Management of Templates and presentation to the patient	•	•	•	•	•
Panoramic capture and teleradiography	•	•	•	•	•
2D Cephalometric study using any cephalometric analysis	•				
Superimpose cephalometric analysis with patient's photography	•				
Prediction of the patient's soft issue behavior (morphing)	•				
Creation of treatment plan for orthodontics (VTO, STO and Morphing)	•				
Generation of customized templates for patients and reports	•				
Capture Dicom / Tomographies		•			
Planning of implants prostheses		•			
Perform operations with meshes and teeth segmentation		•			
Extensive galleries of implants and abutments		•			
Alignment of different types of models to the tomography (intraoral scanner, digitalised models)		•			
Planning of implant treatment taking into account the prosthesis		•			
Preview of different prosthesis galleries during planning		•			
Analysis of occlusion with virtual articulator		•			
Generate products: biomodels (pre-surgical, bone, etc.) for printing		•			
STL export for the manufacture of multiple surgical guides		•			
Multi-device connection with different types of hardware (desktop and intraoral scanner)			•		
Analysis of orthodontic model (discrepancy, Andrews, Bolton, Meyer, etc)			•		
Orientation, base and models segmentation			•		
Creation of treatment plans or setups (simulation of tooth sequence movements) for indirect bonding of brackets or aligners			•		
Segmentation of roots using a CBCT			•		
Intuitive tools for the realization of the setup: mini odontogram to show or extract teeth, stripping plan			•		
Analysis of the occlusion with virtual articulator, calculation of tooth contacts (occlusogram)			•		
Panel with the evolution of the setup (animation of the aligner sequences)			•		
Orthodontic mock up			•		
Extensive library of brackets, attachments and jigs (indirect bonding)			•		

FIELD OF DENTISTRY	ORTHODONTICS	IMPLANTOLOGY	ORTHODONTICS	DIGITAL SMILE DESIGN	ORTHOGNATHIC
FEATURES - MODULES	NEMOCEPH	NEMOSCAN	NEMOCAST	NEMOSMILE DESIGN	NEMOFAB
Printing of biomodels for aligners and indirect bonding			•		
STL export for the manufacture of aligners and indirect bonding			•		
Smile Design: Multidisciplinary diagnosis of the aesthetic and functional need				•	
Creation of the smile frame				•	
2D and 3D smile guides				•	
Mapping with color and texture with the patient's teeth				•	
Modeling Smile Frame in 3D				•	
Occlusion analysis with virtual articulator				•	
Facial prediction of the planning in real time with preview of the different prosthesis galleries				•	
Creation of a digital wax up				•	
Superposition of the mock up to measure veneers and / or prostheses				•	
Library of aesthetic prostheses				•	
STL export for the manufacture of mock up				•	
Accurate volume orientation from photographs or manually					
racing of airway meshes and condyles, generation of RX (frontal, lateral and panoramic)					•
Automatic segmentation of jaws					•
Design of customizable osteotomies					•
Incorporation of different cephalometric analyses in 3D					•
Implementation of 2D surgical treatment planning from 2D cephalometry					•
Transfer to 3D surgical treatment planning					•
Implementation of surgical treatment planning. Dr Arnett surgical protocol					•
Analysis of occlusion with virtual articulator					•
Generation of final and intermediate SPLINTS					•
Creation of cephalometric analyses reports, treatment plans					•
Multidisciplinary integration with any of the NemoStudio's Suite Modules of Nemotec	•	•	•	•	•
Connection with NemoBox to share orthodontic cases with doctors, laboratories or patients	•	•	•	•	•
Customized online support to solve doubts	•	•	•	•	•
Access to NemoUniversity	•	•	•	•	•
Customized online training	•	•	•	•	•
Maintenance of the Suite	•	•	•	•	•
Yearly updates of the Suite	•	•	•	•	•

# 08 TECHNICAL REQUIREMENTS NemoStudio

## Minimum technical requirements recommended for the implementation of NemoStudio Family 2D Software

<b>Operating System</b>	<b>Minimum:</b> Windows 7, Windows 8.x, Windows 10 (professional version); 32 bits. <b>Recommended:</b> Windows 10 Professional 64 bits.
<b>Processor</b>	<b>Minimum:</b> Intel Core i3, i5. <b>Recommended:</b> Intel Core i7 at 2.8Ghz.
<b>RAM Memory</b>	<b>Minimum:</b> 2 Gb. <b>Recommended:</b> 4 Gb.
<b>Graphic Card</b>	<b>Minimum:</b> GPU card with minimum 1 Gb of total VRAM dedicated. <b>Recommended:</b> GPU card with 2 Gb of total dedicated VRAM. (NVIDIA Card is recommended as it is the most tested).
<b>Hard Disc</b>	<b>Between 3 and 5 Gb</b> for the software installation. Additional space may be needed, depending on the volume of cases.
<b>Firewall configuration</b>	Allow access to TCP/IP communication to executables NemoServer.exe and NemoStudio.exe
<b>Network Speed (wired or wireless)</b>	Network local installation. <b>Minimum 1Gb.</b>
<b>Internet Access</b>	Yes, mandatory for licensing control.
<b>Mouse</b>	A mouse with three buttons and a mousewheel is highly recommended.
<b>For Apple Macbook, iMac</b>	<b>Bootcamp (native Windows)</b> for the highest performance. <b>Virtual Pc running Windows</b> in a virtual environment. Parallels is recommended. It is advisable to configure the virtual environment with the recommended Windows requirements aforementioned.

## Minimum technical requirements recommended for the implementation of NemoStudio Family 3D Software

<b>Operating System</b>	<b>Minimum:</b> Windows 7, Windows 8.x, Windows 10 (professional version); 32 bits. <b>Recommended:</b> Windows 10 Professional 64 bits.
<b>Processor</b>	<b>Minimum:</b> Intel Core i7 at 2.8Ghz.
<b>RAM Memory</b>	<b>Minimum:</b> 4 Gb. <b>Recommended:</b> 8 Gb.
<b>Graphic Card</b>	<b>Minimum:</b> GPU card with minimum 2 Gb of total dedicated VRAM (NVIDIA Card is recommended as it is the most tested).
<b>Hard Disc</b>	<b>5 Gb</b> for the software installation. Additional space may be needed, depending on the volume of cases.
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