

CAD/CAM solution dedicated to O&P

Orten Hub

Orten is a complete high-tech digital solution which allows you to benefit from the advantages of CAD/CAM to produce your prosthesis or orthosis.

On Orten hub, CPO have access to technologies - apps, state-of-the art tools, cloud, support and updates - to propose the best orthopedic device to their patients.



- Save more **time** & be more **efficient**
 - **Better comfort** for the patient
- **File sharing** between users
 - **Keep patient's history** - shape, notes, pictures

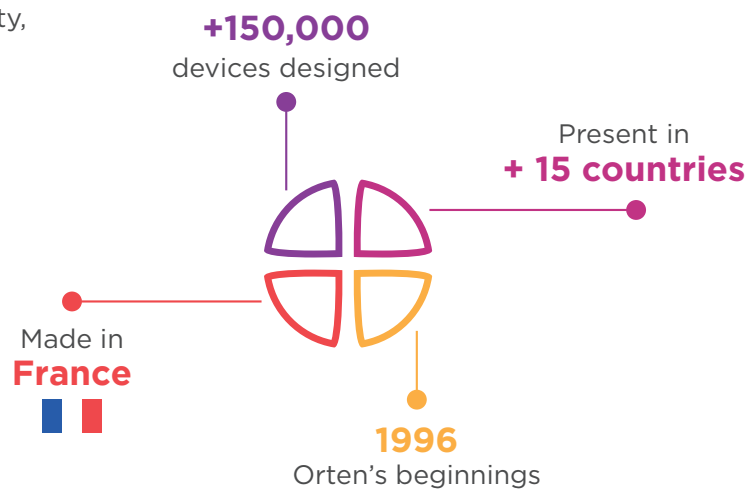
The transition to CAD/CAM is a major challenge for a company.

At Orten, we want to support you in this evolution
to perform well and achieve patient satisfaction.

About us

Orten is a business unit of PROTEOR, a group that has been improving patient's life for more than 100 years and that imagines products and services of tomorrow.

Orten is a team of developers, biomechanics experts, trainers, CPO, and sales people, who support you in your projects. We have experience in developing apps, softwares and fabrication solutions dedicated to O&P. What motivates us : using the latest high-tech solutions to propose practical features to our customers so they can focus on their priority, **patient's satisfaction**.



Our values

Every patient is unique and deserves a solution adapted to his life project.

TeamSpirit

Orten team is cohesive and focused on one goal : customer satisfaction. To achieve this, we work in strong collaboration with more than 200 PROTEOR CPO who use Orten tools every day.

Performance

Possibilities are endless thanks to new technologies. We are ambitious and want to participate in the development of O&P companies through CAD/CAM.

Custom-Made

As a business unit of PROTEOR, we benefit from a long experience in custom-made orthopedic devices.

Partners

We optimize the deployment of Orten within your organization and with your employees, thus accompanying you in your transition to digital. We are committed to the quality of our customer service.

orten HUB

Join Orten hub

At the cutting edge
of technology

Acquisition



Rectification



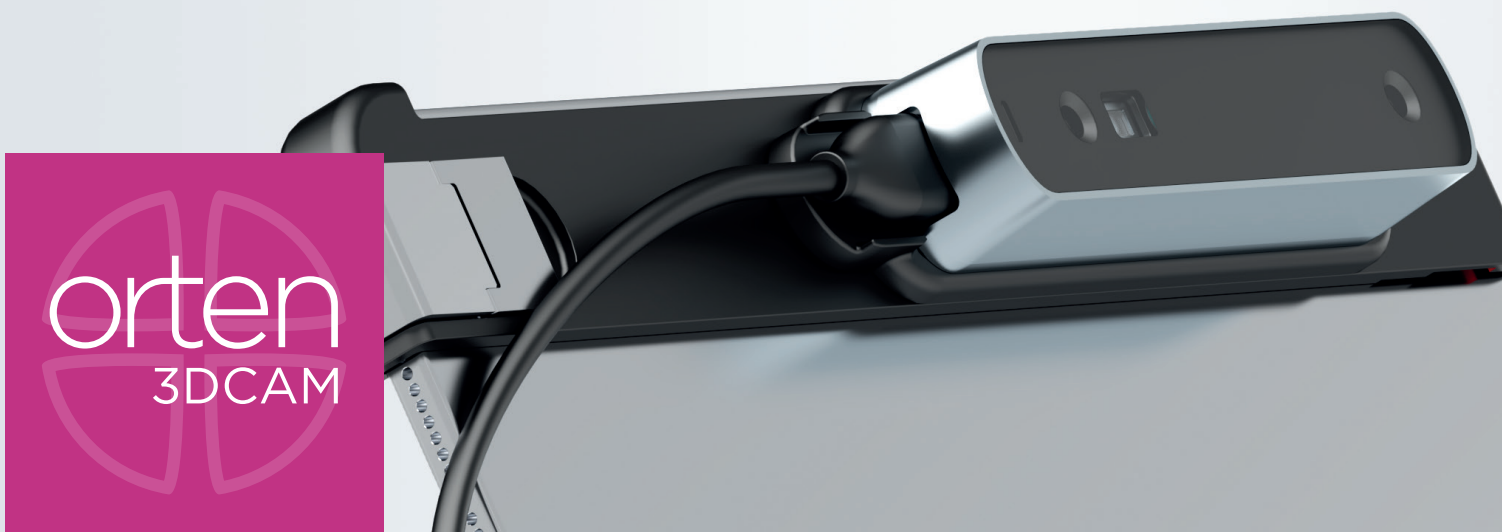
Production



“
Join our community
of more than **1,000 users**
in the world

”

Acquisition



Your mobile device an incredible 3D-portable scanner

In 10 seconds, get the precise shape of your patient.

Whether you are a CAD/CAM user or a beginner, 3DCAM is the high-tech app made for you.

Modern

In addition to providing greater comfort for your patient, the app allows you to obtain a precise shape in a few seconds, but also to save these digital files and share them to your colleagues in a secure way on the cloud.

Reliable shape

To scan the patient, 3DCAM uses the features of Structure Sensor scanners to the largest extent of their possibilities.

Our R&D engineers also used their knowledge about human body to develop the Model function. This outstanding feature helps you to create a physiological shape based on measurements of your patient directly in the app.

Ultra-portable & easy-to-use

Scan from anywhere and any part of the body.

Regular updates are deployed to always have the most user-friendly app possible.

Technical characteristics

- 30 patient files saved locally
- Offline mode available
- Precision: +/- 0.5mm
- Available on iOS: iPhone/iPad
- Available languages: English, French, Japanese, Spanish, Italian, Chinese, Czech
- Compatibility: Structure Sensor, Mark II and Pro scanners



Rectification



Express rectification

Focus on the clinical correction, we take care of the rest.

Flyshape moves the orthopedic world forward with accurate and functional tools for CPO.

Automatic cleaning of the scan

After you've added anatomical landmarks on the scan, Flyshape cleans it automatically in less than 5 seconds.

Ideal for CAD/CAM beginners

Flyshape's very intuitive interface has been tested and validated by 200 CPO. People who begin with digital rectification are guided step by step, which is a key of success for a quick transition to CAD/CAM for a company.

Mobile

All your collaborators can use Flyshape directly on their iOS device (iPhone/iPad) or PC (Windows), in order to be able to design your device wherever they are.

Technical characteristics

- Connected to Orten cloud
- Directly available from 3DCAM and SHAPE
- Available on iOS & PC
- Available languages: french, english, german, spanish
- Compatibility : .stl scans
- Versatility : Brace, BK socket, AFO





Rectification software dedicated to O&P fitting

The best all-in-one software for all your patients.

SHAPE is a professional software that allows you to design all your orthopedic devices.

Zero limit

Based on a cartesian model, SHAPE is a full toolbox which allows you to design your patient's devices without any limit. You have all the necessary functionalities to replace traditional plaster rectification.

All devices

1 single software, SHAPE, perfectly adapted to all kinds of orthopedic devices, prosthesis (AK/BK), leg orthosis (AFO/KAFO), trunk orthosis, seat-brace,...

The last new features allow you to design 3D-printed devices.

Efficiency

Use Orten cloud to instantaneously exchange files to your collaborators.

We optimize the flow within your company by saving time and making it simple.

In addition, all your CPO have SHAPE on their own PC for optimal portability.



Technical characteristics

- Create and save your own templates and trimlines
- Open and export standard files (.stl, .obj,...)
- Compatible with Windows 7, 8, 10 and 11. Ask us for recommended technical specs
- Available languages: french, english, spanish, german, japanese, chinese, italian, portuguese

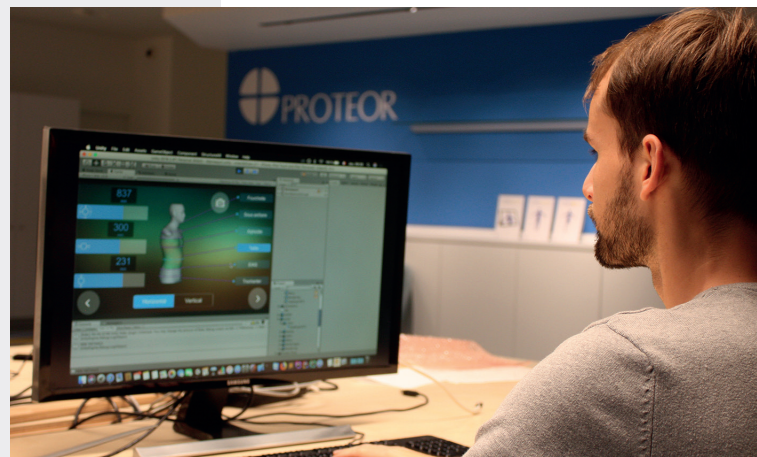


The most flexible solution

OrtenFLEX solution is a simple and transparent pricing, perfectly adapted to your needs.

- Unlimited simultaneous number of users to save time
- Scan and rectify directly from their iOS device or PC for a maximum portability
- Users benefit from all the tools : 3DCAM, SHAPE, FlySHAPE and cloud without any limitation
- 1 unit = 1 .stl file export of the rectified shape, ready to be milled or 3D-printed

Pay according to your overall number of devices per year



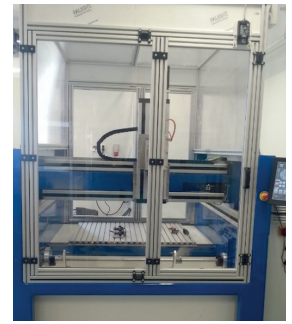
Production



Milling machines for O&P

The milling solution adapted to your needs.

Qualitative, fast and easy milling of any orthopedic device, even complex shapes, becomes possible using OrtenMAKE milling machines.



The latest generation of Ortenmake milling machines demonstrates every day their sturdiness and performance.

Models	OrtenMAKE Classic	OrtenMAKE Complete	OrtenMAKE Premium
Nb of axis	3 axis	4 axis	4 axis
Half-axis	No	Yes	No
Undercut	No	Yes	No
Table	No	No	Yes
Example of orthopedic devices	Spinal orthosis AK/BK socket (with through-hole)	Spinal orthosis AK / BK socket A.F.O. / K.A.F.O. Cranial remolding orthosis Neck brace	Spinal orthosis AK / BK socket (with through-hole) Foam bed Verticalizer Seat brace in 2 pieces
Dimensions of the machine	Width: 1860 mm Depth: 1560 mm Height: 2005 mm	Width: 1860 mm Depth: 1560 mm Height: 2005 mm	Width: 2080 mm Depth: 2350 mm Height: 2000 mm

WARRANTY 2 YEARS

If you have any issue, our OrtenMAKE expert center is at your disposal.

- Analysis of your request and intervention
- Implementation of the solution and control of the resolution



Orten x Roboticom partnership

Discover ORTIS 7-axis robots developed for orthopedic devices

ORTIS
the original O&P carving robot

roboticom
Advanced Robotic Applications



Milling & printing service

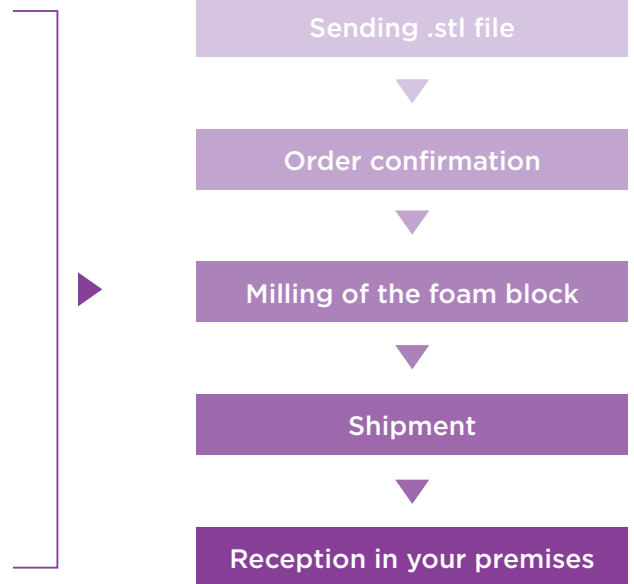
We want your transition to digital to be a success. In order to accompany you with a lower investment, we offer milling and 3D-printing service.

Whether it is milling or printing, our priority is the quality of service:

- good finishing of the milled/printed shape, ready to be used
- reasonable time to fit with your usual production process
- a human relationship with our customer service to answer to your questions

O-MILLING - Milling service

Type of device	Max. size of the milled shape
Helmet	H = 490 mm Ø = 240 mm
Minerva	H = 660 mm W = 450 mm D = 330 mm
Neck & Trunk brace	H = 970 mm W = 460 mm D = 420 mm
Spinal orthosis	H = 660 mm W = 450 mm D = 330 mm
AFO	H = 535 mm Foot width = 100 mm Foot length = 300 mm
KAFO	H = 970 mm Foot width = 100 mm Foot length = 300 mm
Tibial or femoral prosthesis	H = 490 mm Ø Base = 260 mm Ø End = 160 mm



Dimensions: H = total height • W = width • D = depth • Ø = diameter

O-PRINTING - 3D-printing service

More and more companies are using 3D-printing to manufacture their devices, for example for prosthesis socket, AFO or plagiocephaly helmet.

This new means of production has several advantages:

- possibility to add lattices to optimize ventilation and reduce weight
- reduced time of production
- optimal precision

Material: Biocompatible Polyamide 12

Printer: HP MultiJet Fusion



To know more about this service, contact us at orten@proteor.com



Support & training

Training

Our goal is to make Orten easy to integrate into your daily routine so your team can benefit from the advantages of these tools as quickly as possible.

Our experts are available to help you find your best solution, and to train you on your premises or remotely.

The training program is made according to your needs and to the organization of your company.

Technical support

At any time, contact us by e-mail and we will answer your questions as soon as possible.

If necessary, we can take control of your device remotely.



Contact us



orten

orten.proteor.com



6 rue de la redoute
21850 Saint Apollinaire
orten@proteor.com

To know more about our innovations,
updates & new products, follow us on LinkedIn or visit our website



orten.proteor.com