



Oqton for dental

Automated manufacturing operating system for dental labs, powered by artificial intelligence

OQTON

 **proto3000**
ISO 9001:2015



Why Oqton for dental?



Automated dental workflows

Meet high volume production goals and significantly reduce manpower requirements by automating your dental manufacturing processes.



Future-proof your business

Schedule, track, and trace all actions in your dental lab environment. With full traceability and QA, Oqton for dental prepares your business for regulatory requirements.



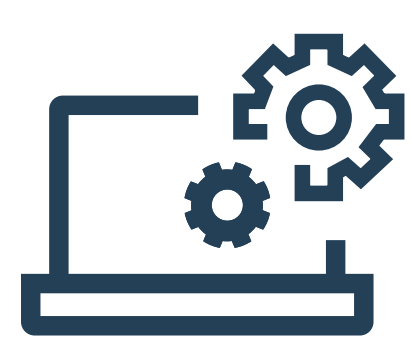
Complete peace-of-mind

Artificial intelligence and IoT improves overall dental lab and service center productivity. Increase your throughput, reduce recruitment and training needs, and save costs.



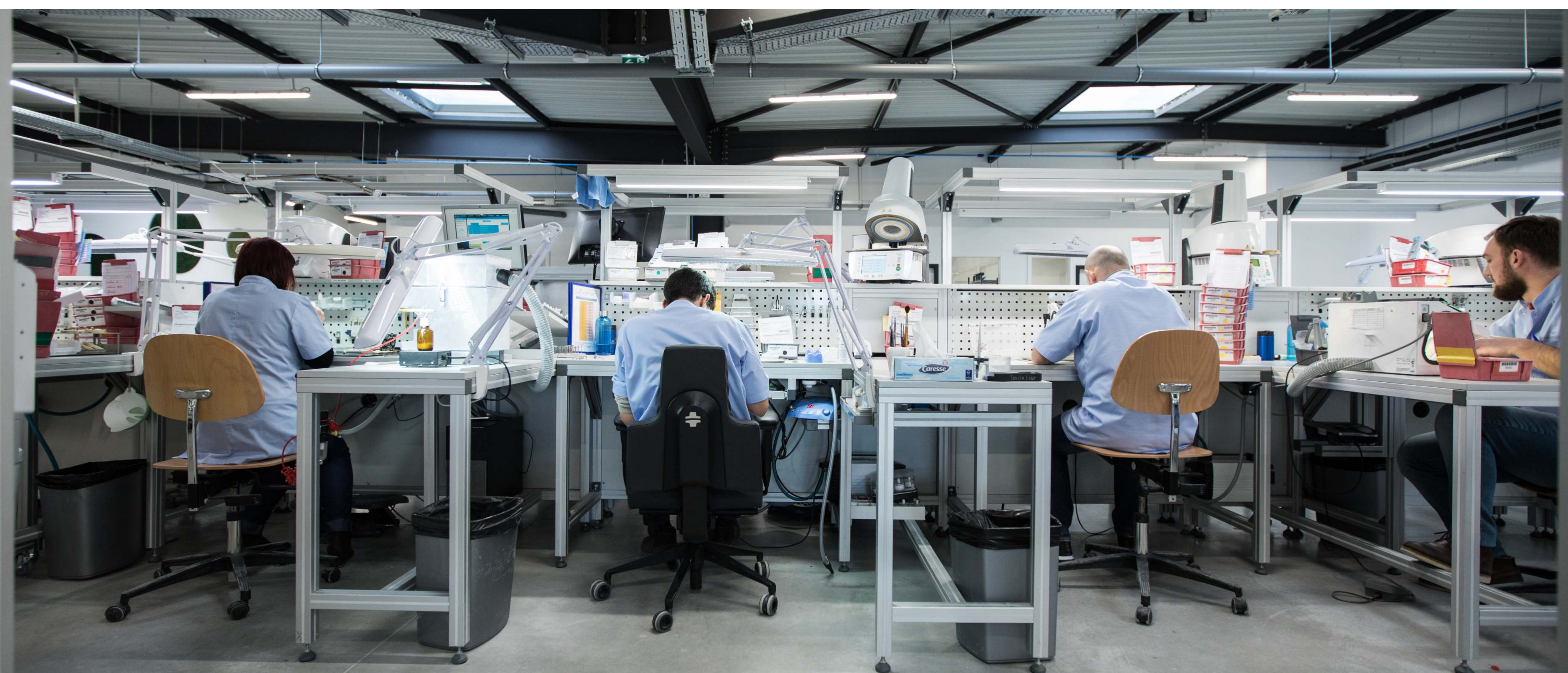
Technology agnostic

An end-to-end, fully integrated dental production system replaces multiple disconnected software applications in your dental lab, across all of your machines.



Instant technical support

Your team can quickly interact with our dental production experts for support questions through live chat, email, or phone.



What our customers say

“ I have seldom experienced such good and close collaboration. We always had a contact person, and we could rely on Oqton support whenever we needed it. ”

Christian Knoop
Head of Innovation, Dental-Labor Volkmer

“ In the very first testing phase we improved the building time by 50%. 10% is good, 20% is interesting, 30% is fascinating.

But 50% is mind-blowing compared to what we knew before. ”



Niclas Ziereis
Head of Sales, Teamziereis

“ It tells you how many parts you will print today, the quantity of resin, real-time machine status, if production is ramping up, and if the material usage is ramping up or down.

All of this is clear to see, in one place. ”

Maxime Fontaine
Manufacturing Manager, Crown Ceram

Dental Metal Additive Manufacturing

Automate your dental metal additive manufacturing with **artificial intelligence**.

Increase your dental lab productivity for the metal additive manufacturing of crowns, bridges, orthodontic bands, and RPD frames through:

- **Automated data preparation** gives efficiency gains of up to 90%.
- High-density **layered nesting** and **interlocking 3D nesting** of RPDs.
- **Smart support generation** for accurate RPDs requiring less post-processing.
- Automated part classification, optimized orientations, and presets based on **machine learning** to reduce repetitive engineering tasks.





Clear Aligner Production

Scalable, end-to-end workflows for clear aligner production trusted by dental labs globally.

3D print clear aligners in high volumes for cost-effective production using unprecedented automation and full traceability through:

- A single **Manufacturing Operating System (MOS)** connecting design, 3D printing, thermoforming, laser marking, CNC trimming, labelling and packaging.
- **Fully automated, AI-enabled** data preparation for 3D printing aligner models.
- Complete production management ensures **full traceability**.
- **Expanding design and production** across multiple remote locations with a secure SOC2 cloud-based platform.



Dental CNC Milling

CNC milling for dental indications with artificial intelligence.

Reduce CNC production time and cost with smart automation for milling crowns, bridges, and abutments using a range of materials through:

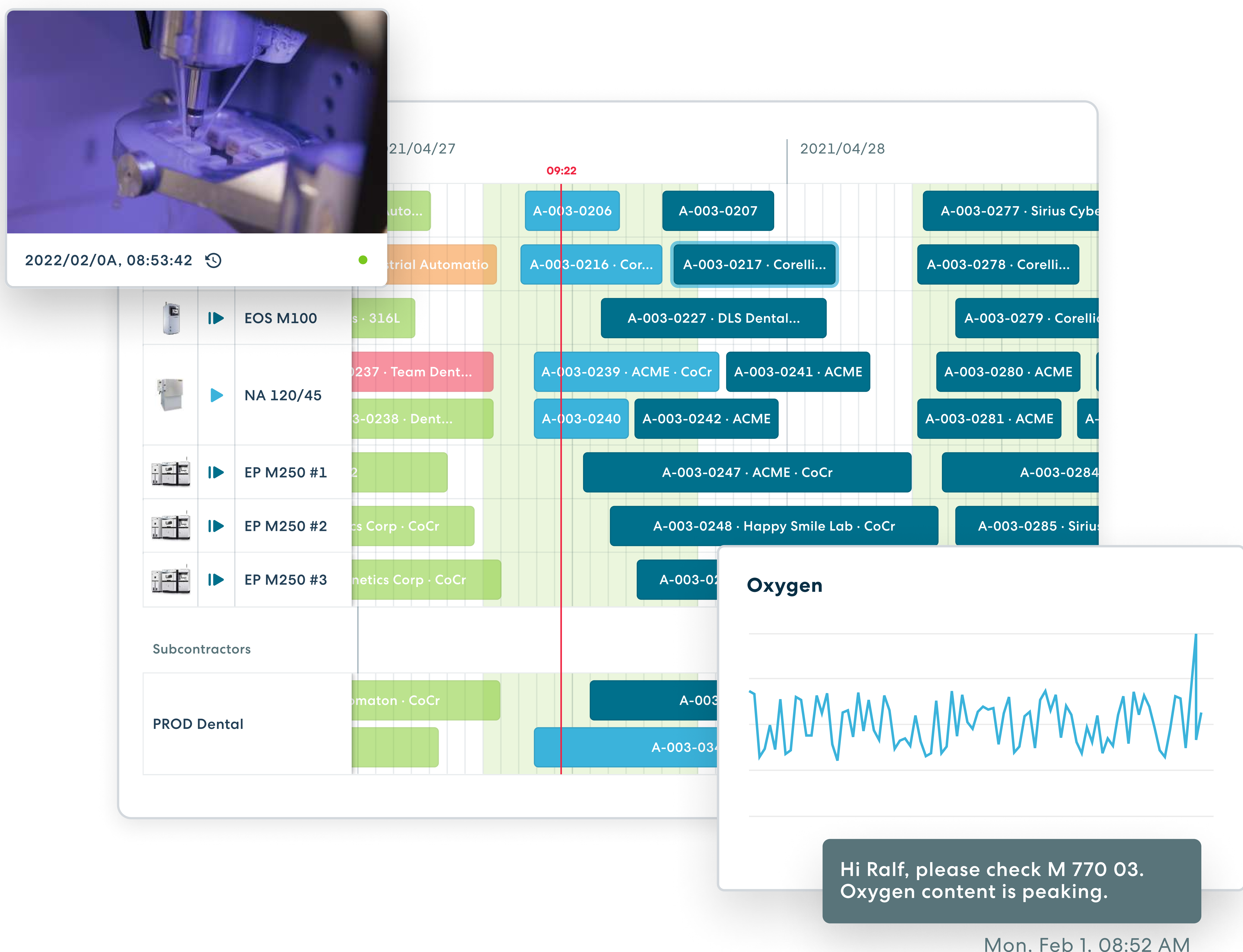
- **AI-driven automation** of CAM workflows, including automatic stock selection, nesting, and toolpath generation.
- **Machine learning capabilities** for orientation and pin placement.
- Optimized **machining efficiency and consistent results** based on feature detection and automated assignment of milling templates.

Traceability

Track every action for a fully traceable digital thread from order to delivery.

Oqton integrates CAM, AM, MES, and IoT into a single, highly efficient Manufacturing OS for all of your production activities.

- Prepare, plan, schedule, track and trace **your entire production** facilities.
- **Full traceability**, with all necessary information available quickly & easily.
- **Rich data** can be gathered quickly by integrating and connecting CAM, MES, and machines through IoT.
- Facilitates **regulatory compliance** with the FDA, EU MDR, ISO 13485, and DAMAS.

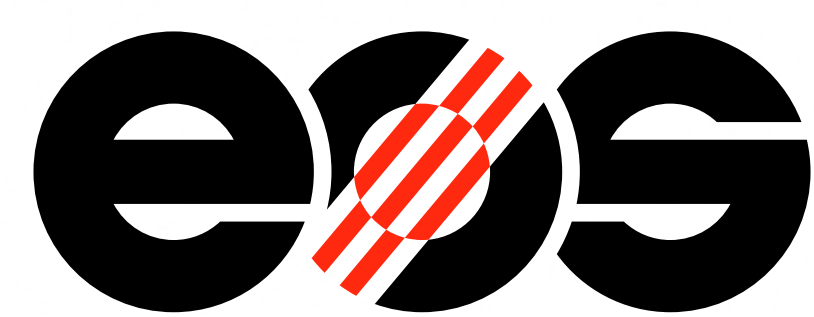


TRUSTED BY INDUSTRY LEADERS

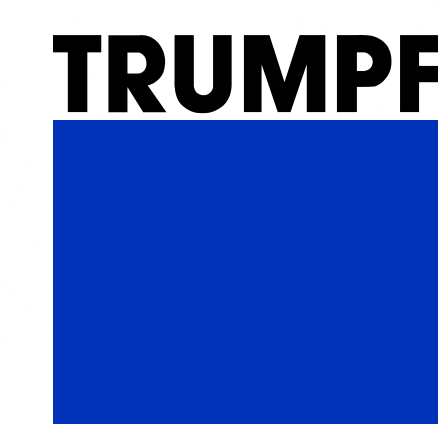
PRODWAYS
GROUP

3D SYSTEMS

nexa3D



stratasys



sisma



Oqton for dental supports all types of 3D printers and CNC milling machines
– *no matter which brand.*

DESIGN | SCANNING | 3D PRINTING | MILLING | MATERIALS | POST-PROCESSING

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ISO 9001:2015

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