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FONA
CLOSER TO YOU

MyCrown

BEAUTIFUL CROWNS AND MORE IN JUST ONE VISIT



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MyCrown

BEAUTIFUL CROWNS AND MORE IN JUST ONE VISIT

MyCrown is a complete chairside CAD/CAM system allowing to create beautiful crowns and more in a single patient visit. The advanced software with guided steps makes the process effortless and easy. Let us show you.

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01

STEP 01

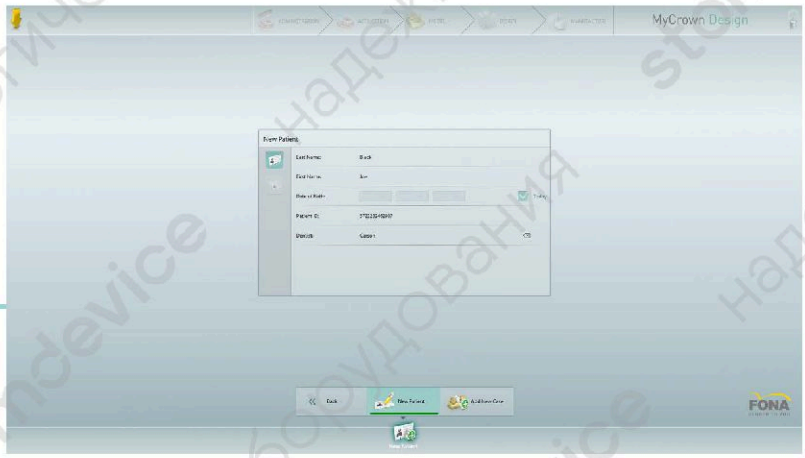
PATIENT PREPARATION AND REGISTRATION



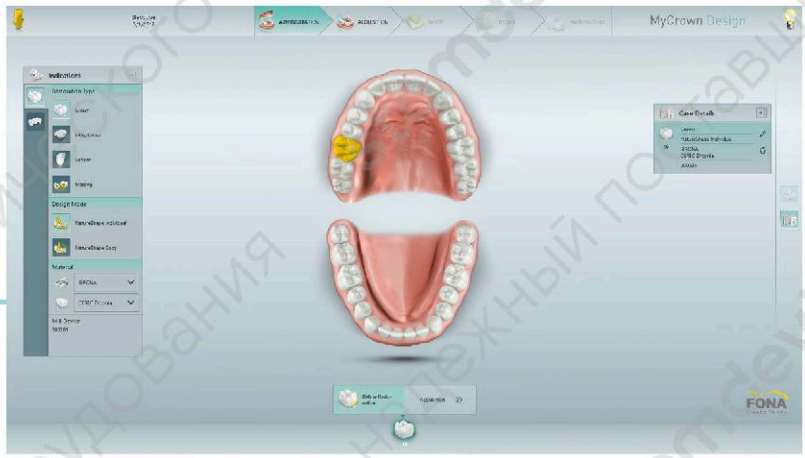
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First, you need to prepare the area of restoration and create the patient in MyCrown Design by filling in basic data. The touchscreen and intuitive software make the entire process easy as you are guided through it.

Patient registration is done using the touchscreen. Each dentist can have a separate account with own patient database.



Various restoration regions require different material selection. MyCrown can operate with a wide variety of materials.



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02

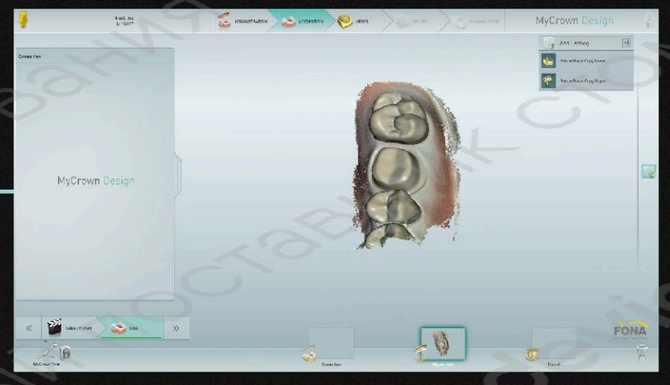
STEP 02

ACQUISITION

The next step is acquisition phase. With the help of the preheated MyCrown Scan, displaying the area in real-time, you need to scan the upper and lower jaw, including buccal bite. MyCrown Scan can also be used as an effective patient-dentist communication tool thanks to its 2D functionalities.



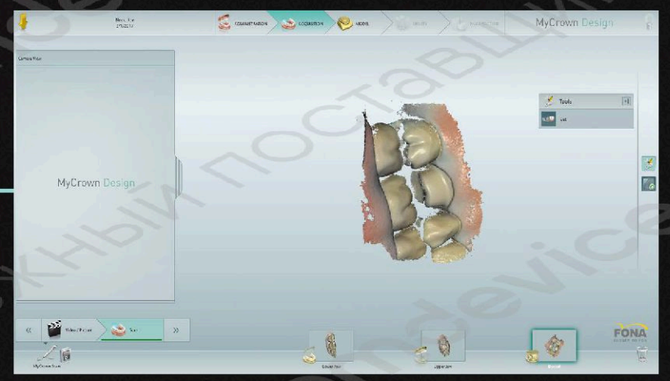
To take the digital impression all you need to do is thoroughly scan the prepared area, margin, approximal contacts and 2 neighboring teeth.



Scan also the antagonists, especially the occlusal areas.



Lastly, you need to scan the bite together with soft tissue near the restoration area.



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03

STEP 03

MODEL



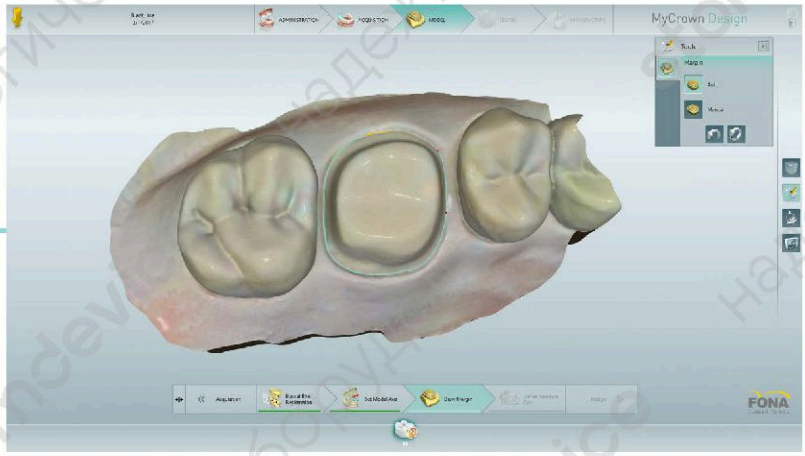
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Once the scan is complete, you're taken to the model phase. Here you are guided to indicate the margins of the restoration area and set the axis of insertion.

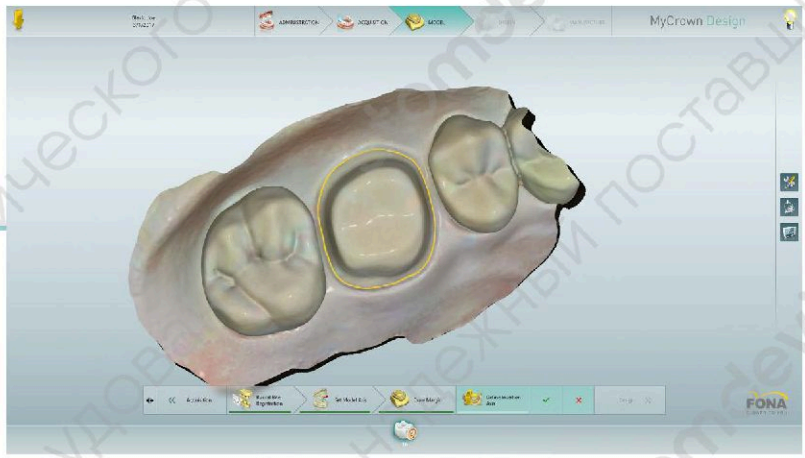
First you are presented with a 3D model, in colour, of the scanned area. Then you position it.



You need to mark the margin of restoration. The software guides you to easily find it.



In the next step, you define the insertion axis of the future restoration. Undercuts are visualised by the software automatically.



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04

STEP 04

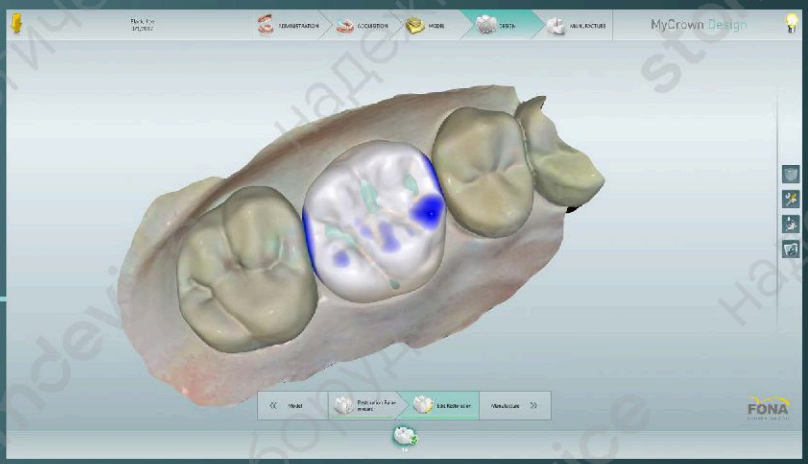
DESIGN



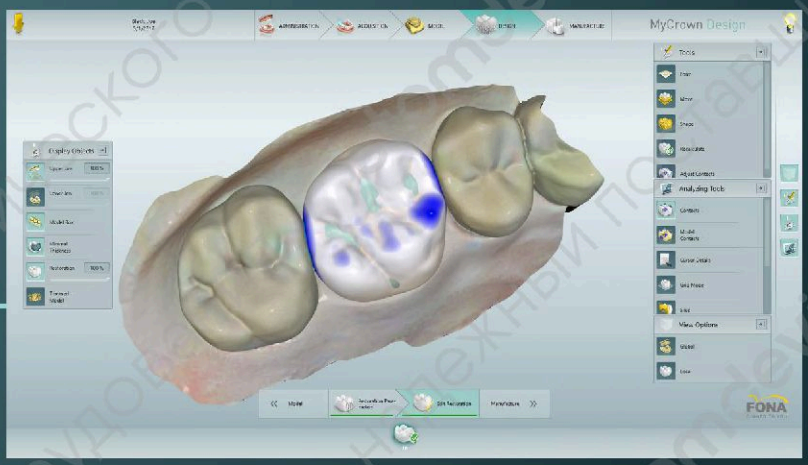
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Next step is design. In this phase you can adapt the proposal to the functional and aesthetic needs of the patient.

Your first patient-specific NatureShape proposal is ready for your approval.



If further adjustments are required the software offers various tools.



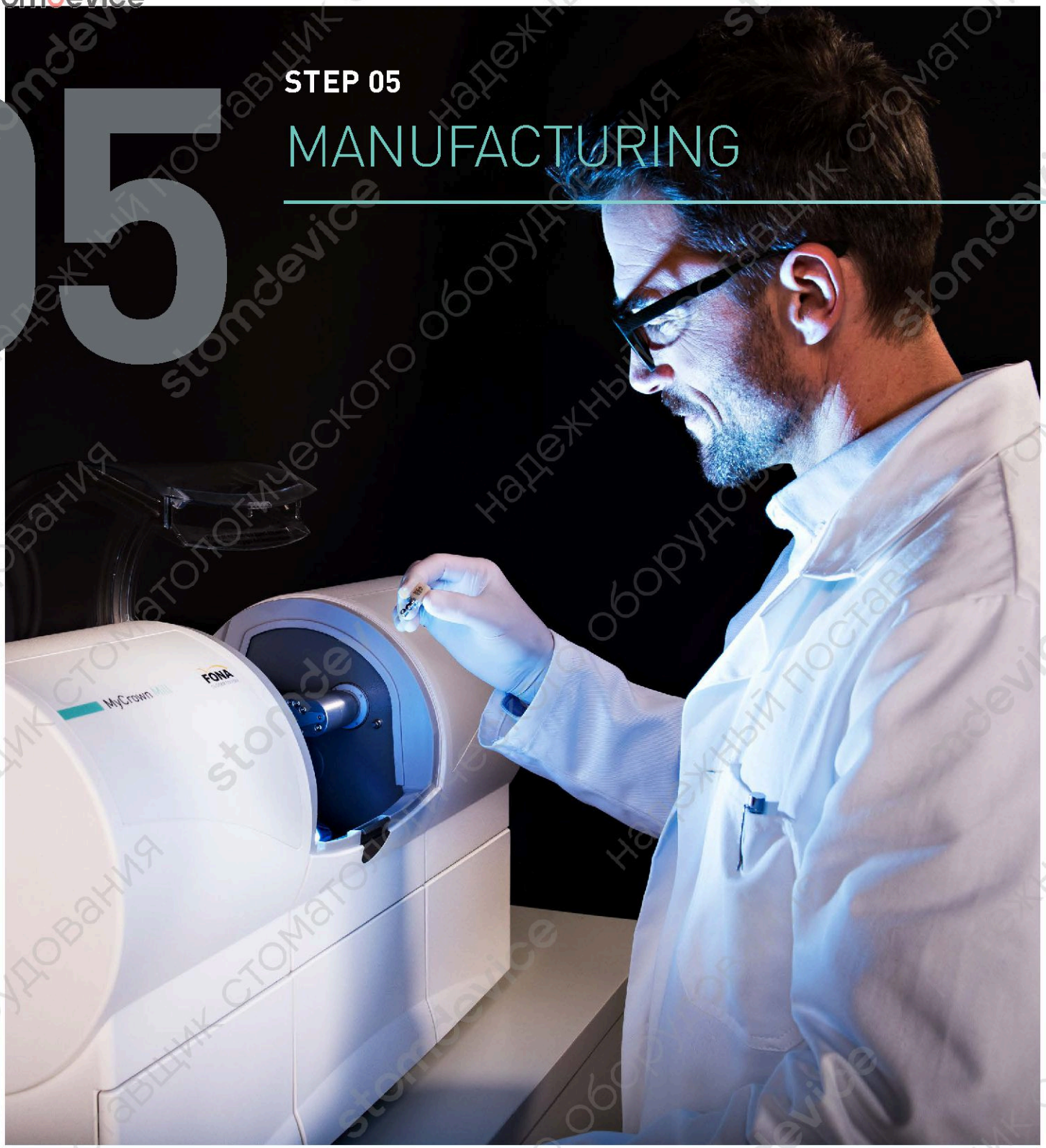
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05

STEP 05

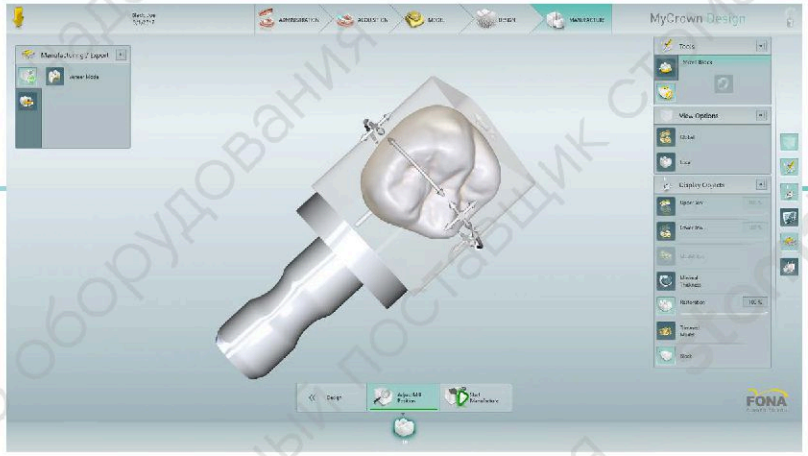
MANUFACTURING



And then comes the Manufacturing phase. Once you've approved your design, all you need to do is simply place the block and mill your restoration. In a few minutes, you will be holding a beautiful crown or other desired restoration in your hands.

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The software positions your MyCrown restoration in the block.



Insert the block with a simple "click" then screw it to the holder and you are ready for manufacturing.



Manufacturing is completed in approximately 12 minutes due to the dual spindle technology in MyCrown Mill.

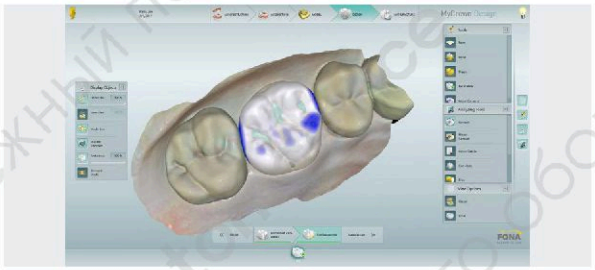


Green light signalises that the Manufacturing phase is complete.



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FEATURES AND OPTIONS



DESIGN TOOLS

Design tools allow to customize casps, fissures and contact points to create natural-looking and lasting restorations.



HEATED CAMERA

Prevent fogging inside the patient mouth with the preheated camera. Heating is already completed while camera is in the holder.



ADJUSTING RESTORATION POSITION

You can adjust the restoration position in the block according to your needs.



DRAWERS

Drawers offer space to store your blocks, water tank and calibration tool with replacement burs.



VARIETY OF BLOCKS

MyCrown Mill offers milling and grinding of various materials from different manufacturers.



MYCROWN HD SPRAY

Our HD spray has been developed together with MyCrown Scan for highest resolution and quality colour scan.



TOUCH/TRACKBALL CONTROL

Sensitive trackball and touch control allow to achieve a fine shape and final design.



MILLING AND GRINDING BURS

Two different types of burs offer wet milling and grinding.

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RANGE OF INDICATIONS

The integrated chairside MyCrown CAD/CAM system is ready to create veneers, inlays, onlays, crowns and bridges covering up to 3 teeth in one patient visit. Additionally, you can export scan data and restoration data in open STL files. And all this in colour.

BENEFITS

MYCROWN SCAN AND MYCROWN DESIGN

- MyCrown CAD/CAM system provides smooth, guided and seamless workflow – from acquisition through design to milling. Fast and easy.
- The touchscreen contributes to a modern practice image, allowing easy interaction, and is fully compatible to be used with gloves.
- MyCrown Scan camera hygiene is ensured by using high-level disinfection liquid, wipe disinfection or single-use hygienic sheaths.
- The fully mobile acquisition unit is ready to be shared among multiple operatories, communicating with the milling unit wirelessly.
- The lightweight and compact camera is comfortable to use, with a pen-like grip, so you can easily reach all areas in the patient mouth.
- 2D functions of MyCrown Scan allow to elevate patient communication to the next level – using it as an intraoral camera.
- NatureShape feature analyses all scanned teeth and generates a natural anatomy of the restoration.

MYCROWN MILL

- Plug&Play table-top device fits in every dental practice. It only requires a power line with no compressed air or external water supply needed.
- The Dual Spindle technology offers exceptionally fast manufacturing of restorations – wet grinding or milling.
- Supports variety of materials from different manufacturers including zirconia, glass ceramics, hybrid materials and polymers for temporary restorations.
- Manufacturing processes are optimised for each individual material.
- The restoration proposals take into consideration guidelines from material manufacturers – such as minimal wall thickness.

SUPPORT

Your entry to the MyCrown digital dentistry world will be supported by certified professionals in your country. Find out the latest information on www.fonadental.com.

Experience a live treatment near your practice and see that MyCrown is the right choice for you.

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FONA – Every dental solution you need

Through decades of experience and deep understanding of the dental profession, we deliver complete, reliable and accessible solutions. Regardless of country or specialisation, every dentist can find a fitting solution in FONA today. As our knowledge and expertise grow, so does our range. Our international team is constantly on the move, meeting partners and dentists, so we can understand their needs and develop products that support and enhance their daily work.

Advanced dental technology

DIGITAL DENTISTRY



CHAIRSIDE CAD/CAM



EXTRAORAL IMAGING



INTRAORAL IMAGING

TRADITIONAL DENTISTRY



TREATMENT CENTERS



INSTRUMENTS AND LASER



HYGIENE

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