



**exocad GmbH**

# Information

## *Tooth Library*

## *Service*

**exocad.com**



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## exocad Library Services

exocad's constantly expanding verified component library databases contain a leading number of supported dental components. It is important to support the newest dental innovations right from the start. That's why we support our partners, official resellers, and dental component manufacturers to make the integration process of new and updated component systems as easy and efficient as possible.

Our services take care of tasks like library creation, validation and integration into our software platform and includes exocad's thorough manual testing process that is unique to exocad's approach of *Quality First* - libraries. It is ideal for partners who want to focus on their core competencies and do not want to bother learning exocad library concepts.

We offer the following services. Additional services are planned and will be announced in the future.

### 1 CAD Component Library Services for DentalCAD & ChairsideCAD

### 2 Implant Library Service for exoplan

### 3 Surgical Component Library Service for exoplan Guide Creator

### 4 Tooth Library Service for DentalCAD Full Denture

### 5 Material Library Service

### 6 Partner Software Branding (postponed)

### 7 Technical Consulting

This document covers the workflow for one service. Refer to our separate [price list](#) document for pricing information and further service details.

## 4 Tooth Library Service (*DentalCAD Full Denture*)

This service enables our cooperation partners to integrate their tooth shapes for usage within full and partial denture design solution *DentalCAD Full Denture*. Currently, we do not offer an integration service for Crown & Bridge tooth libraries. We offer to create the necessary libraries based on the geometry data of the actual teeth and additional information. We perform the checking, validation and integration of the finished library into our web-based download portal and in-software Library Manager. Once integrated, the library can be accessed by exocad users and your brand and products will be visible throughout our software systems.

### 4.1 Service Details

Your assigned integration specialist will perform the following tasks during our services. Other tasks are not part of our standard update service and will require an individual offer based on the actual workload.

#### 4.1.1 Denture Tooth Library - Initial Standard Creation (4 C)

- Tooth file check (.stl files)
- Realignment, adjustment of your data to our standardized coordinate system
- Creation of libraries for 1 tooth line with a maximum of 15 tooth mould libraries while respecting the following default constraints:
  - tooth shapes & setup are mirrored
  - no tooth production is possible (no open file format output, semi-closed data)
  - no tooth setup presets included by default(additional effort is subject to an extra fee)
- Library testing & validation
- Library file format conversion & Library signing
- Library integration (exocad download portal & exocad Library Manager)
- Announcement of availability via exocad News Bites monthly newsletter

#### 4.1.2 Denture Tooth Library - Update (4U)

Your assigned integration specialist will calculate an individual offer with service details depending on the given tasks.

## 4.2 How to get your tooth line integrated into our *DentalCAD Full Denture* module

1	<p><b>Obtaining your project ticket number</b></p> <p>We work with a ticketing system. We have sent you an email with this document via this system. It automatically assigns a ticket number to the project. Remember this ticket number for the following steps. Always use the reply function of your email program to answer our messages without changing the subject line of the email. This ensures the quickest response times as you stay within your defined project.</p>
2	<p><b>Create / Check your tooth shapes and compatibilities</b></p> <p>Create one geometry file for each tooth shape (.STL files). The file size of each file shall not extend the size of 2 MB per .STL file. Create a <b>compatibility table</b> with valid <b>occlusions</b> and prepare full occlusion meshes (.STL files) with all teeth in one file in correct occlusion to each other. Send us your mould-charts (e.g. PDF file format) to check the provided data.</p> <p><u>Note:</u> If you are using any protected brand name for your components or your company name (Manufacturer), make sure to enter the correct trademark or registered trademark symbol (®™). exocad will not check the correctness of your submitted wording and cannot be held responsible for any violation of trademark rights in this context.</p>
3	<p><b>Submit your data</b></p> <p>We will provide you with a file upload link. Send us your shapes and data ownership confirmation (see note) to complete this step.</p> <p><u>Note:</u> When sending us your data, confirm that it contains geometries created and distributed by you and that the geometry is based on the actual geometry of an existing physical part. We need written confirmation that you own all rights to distribute the data as well as a confirmation that the geometries are not modified in scaling of length or diameter to avoid data theft as agreed upon in our license agreement.</p>
4	<p><b>Design- and production options</b></p> <p>We will inform you about possible design- and production options for the resulting tooth libraries. It's important to clarify the options prior to library creation.</p>
5	<p><b>Service Offer &amp; Acceptance</b></p> <p>Your assigned integration specialist will create an offer for the Tooth Library Service based on the given input data. See chapter 4.1 for included services and refer to our <a href="#">price list</a> for pricing information. Order the service by signing our offer via DocuSign. You can change the signing responsibility within DocuSign to assign the agreement to the correct person within your company: <a href="#">DocuSign: How to change signer</a>.</p>
6	<p><b>License Agreement</b></p> <p>To enable us to use your data within our software systems, it's required to form a License Agreement. This License Agreement also allows us to use your company name, trademarks and related imagery/parameters within our software systems for displaying and advertising.</p> <p>You will receive a second DocuSign link after signing the service offer. You can then review and sign the agreement. After that, DocuSign sends you the verified signed PDF Version. Ensure that the agreement is signed by the manufacturer who is also named as the manufacturer on the product packaging. Sign the License Agreement to complete this step.</p>
7	<p><b>exocad Library Creation / Update</b></p> <p>Our integration specialists will create your tooth libraries based on the given input data. The libraries will be categorized and separated by type (e.g. Anterior teeth, Posterior teeth) and tooth line. If questions occur during the creation process, our specialist will contact you directly.</p>

8	<p><b>Optional: Test license for <i>DentalCAD</i></b></p> <p>If you want to test the final libraries, you can request a test license of our software. A reduced fee is charged for this license. To request or update your test license, send a separate email to <a href="mailto:integration@exocad.com">integration@exocad.com</a> with the subject: "Test license for library integration, ticket *YourTicketNumberFromStep1*". <i>DentalCAD</i> can be downloaded in our <b>Secure Area</b> in the section "Software". The login credentials will be provided when applying for a <i>DentalCAD</i> license.</p>
9	<p><b>Finalization by exocad Library Testing &amp; Validation</b></p> <p>All libraries for our medical device software <i>DentalCAD</i> undergo an in-depth internal testing and validation process. The process ends with securing your .stl files against alteration and signing your tooth libraries to prevent unauthorized modification. This throughout internal testing process involves manual labor and is unique to exocad's approach of <i>Quality First</i> - libraries. Please understand that this process might take some time to get it right.</p> <p>After the testing and validation process is finished your <i>DentalCAD</i> implant libraries will become available for download on our <b>website</b> and within <i>Library Manager</i>.</p>

### 4.3 Maximum partner waiting time limit

Every library service project has a maximum partner waiting time limit of **two (2)** months. If our integration specialist is waiting for a response to an email that is causing delay of the integration project for more than two months, the project will be canceled. Any further work needs a complete restart of the service, including the necessary fees. The exact date of the integration specialists' email is decisive. We will inform you one week before the waiting time is over. This time limit can be raised upon decision by the integration specialist.

### 4.4 Frequently asked questions

Visit this direct link to our Partner information website for our most up to date FAQs:  
<https://exocad.com/integration/partnerinfo>