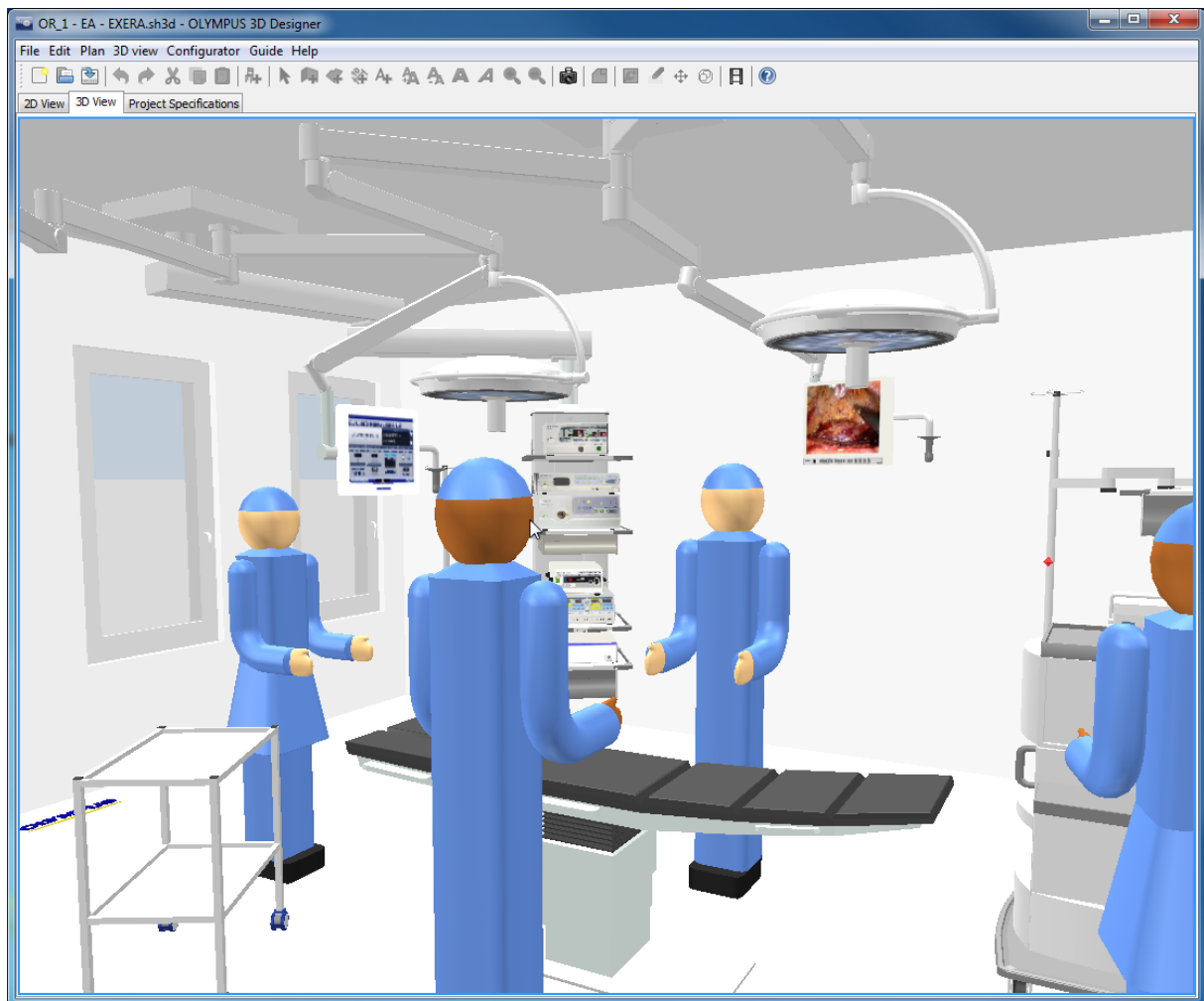


Sweet Home 3D® in use at OLYMPUS Medical Systems.

OLYMPUS uses Sweet Home 3D® for their sales and marketing staff worldwide.

The software allows the sales staff to design rooms and devices inside hospitals and configure them. At the end the customer gets a detailed PDF with all the views and specifications.



3D View of OR room

OR_1 - EA - EXERA.sh3d - OLYMPUS 3D Designer

File Edit Plan 3D view Configurator Guide Help

2D View | 3D View | Project Specifications

authorities. Approval is pending. Check availability with your local Olympus organisation.

Power: 110 VA
Weight: 10 kg
Dimension: 370 x 110 x 430 mm

HF Unit UES-40 SurgMaster

HF generator for electrosurgery applications. The Olympus SurgMaster covers almost every application where electrosurgery is performed. The SurgMaster UES-40 enables the surgeon to perform resection in saline, conventional monopolar resection and to connect bipolar and monopolar hand instruments as well. Transurethral resection in saline and transcervical resection in saline. Monopolar and bipolar cutting and coagulation. Provides various cutting and coagulation modes. Supplies automatic smoke evacuation when using the compatible UHI insufflator.

Power: 1.440 VA
Weight: 12 kg
Dimension: 350 x 150 x 400 mm

Ultrasonic Generator SonoSurg G-2

Ultrasonic generator for coagulation and cutting of tissue. Compatible with a wide range of reusable instruments for open surgery and endoscopic applications as well as the SonoSurg irrigation unit SonoSurg-IU. SonoSurg provides surgeons with power, performance, and precision for their surgical needs. Ultrasonic vibrations from the SonoSurg generator and scissor-type probes especially designed to firmly grasp tissue allow optimum coagulation and quick cutting. Precise ultrasonic coagulation/cutting and powerful ultrasonic aspiration capabilities are interchangeable during surgery. The generator also features superior cost performance through the autoclavable SonoSurg instruments. The automatic mist evacuation offers a clear view when used with the EndoALPHA Control System UCES and insufflator UHI.

Power: 720 VA
Weight: 9 kg
Dimension: 295 x 132 x 366 mm

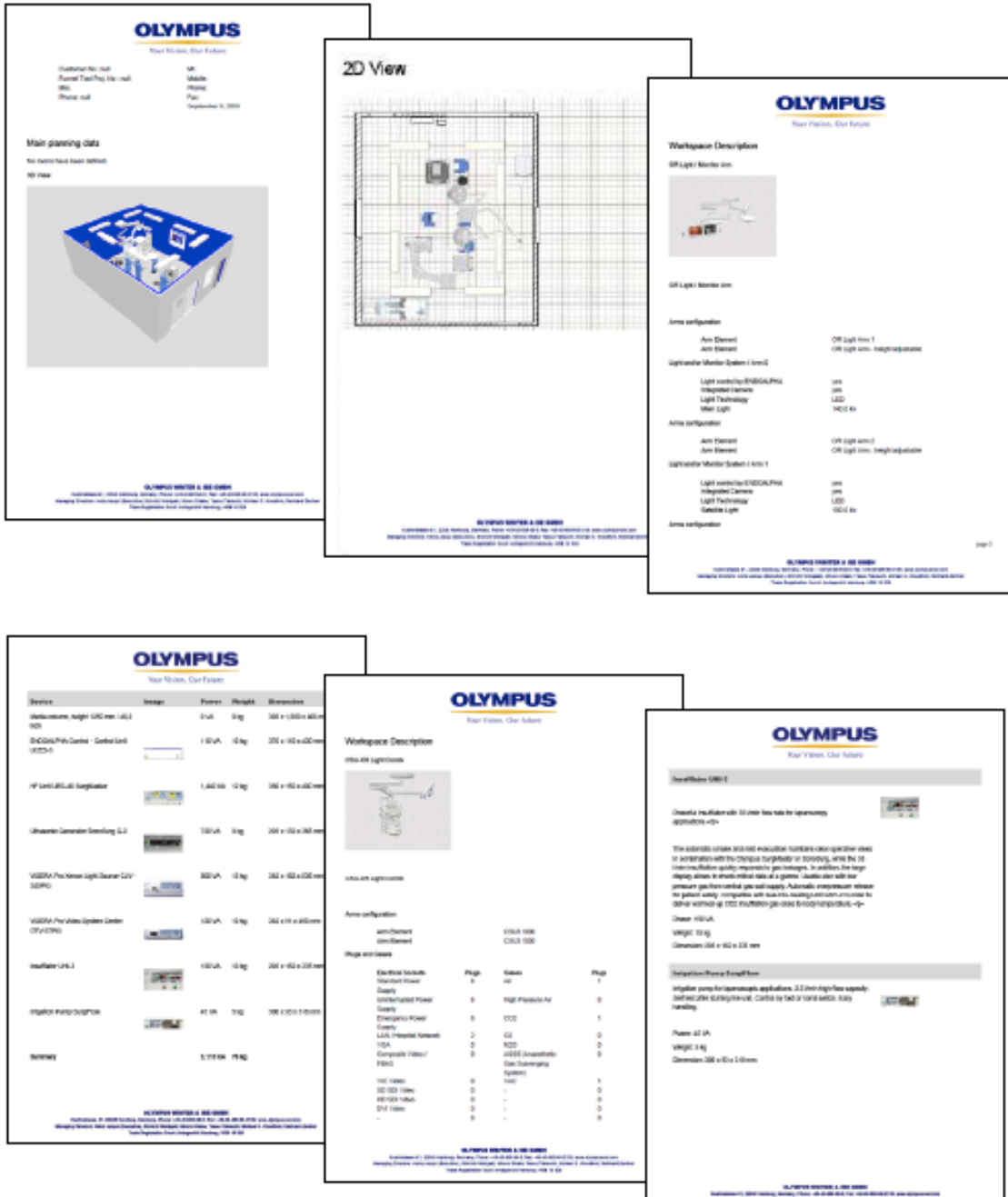
EVIS EXERA II Xenon Light Source CLV-180

Universal high-intensity 300 W Xenon light source for minimal invasive surgical, gastrointestinal as well as

Name	Width	Depth	Height	Visible	
Door - sliding type with window		1,500	250	2,104	<input checked="" type="checkbox"/>
Door - hinged type with window		850	250	2,000	<input checked="" type="checkbox"/>
Clock		300	10	300	<input checked="" type="checkbox"/>
X-ray Image Viewer		1,250	268	680	<input checked="" type="checkbox"/>
Surgical Table		500	2,180	800	<input checked="" type="checkbox"/>
Cart for Instruments		675	475	800	<input checked="" type="checkbox"/>
Cart for Suturing Material with Dispenser		675	595	1,420	<input checked="" type="checkbox"/>
Anesthesia Unit		800	800	1,370	<input checked="" type="checkbox"/>
Chair		496	519	605	<input checked="" type="checkbox"/>
OR staff Male 02		502	569	1,800	<input checked="" type="checkbox"/>
OR staff Female 02		462	566	1,700	<input checked="" type="checkbox"/>

Project specifications - enhancement of the home furniture list.

Sample pages:

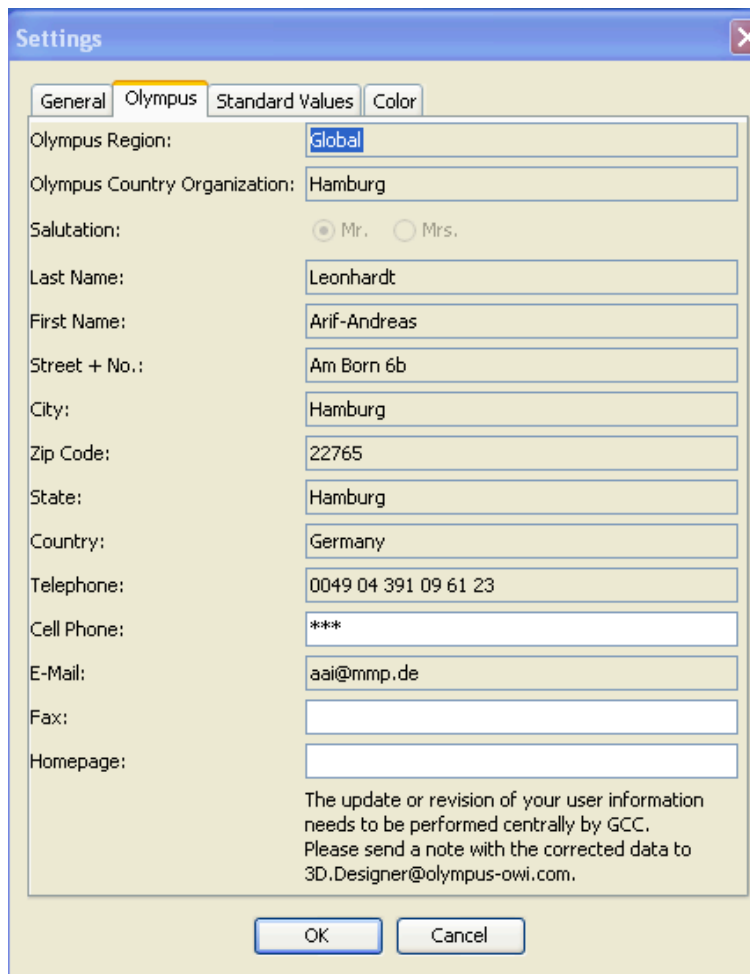


PDF Print

In addition to programming for the solution there were about 100 different medical devices and furniture built in 3D. The specifications are directly managed by Olympus in a database.

The distribution of the software to the 200 employees all over the world works via an intranet application of Olympus. It has corresponding automatic update features.

Each copy of the software is personalised to the individual employee and is set with a lifetime in which the software registration has to renew via the intranet.

A screenshot of a 'Settings' dialog box with a blue title bar and a close button (X) in the top right. The dialog has four tabs: 'General', 'Olympus', 'Standard Values', and 'Color'. The 'Olympus' tab is selected. The form contains the following fields:

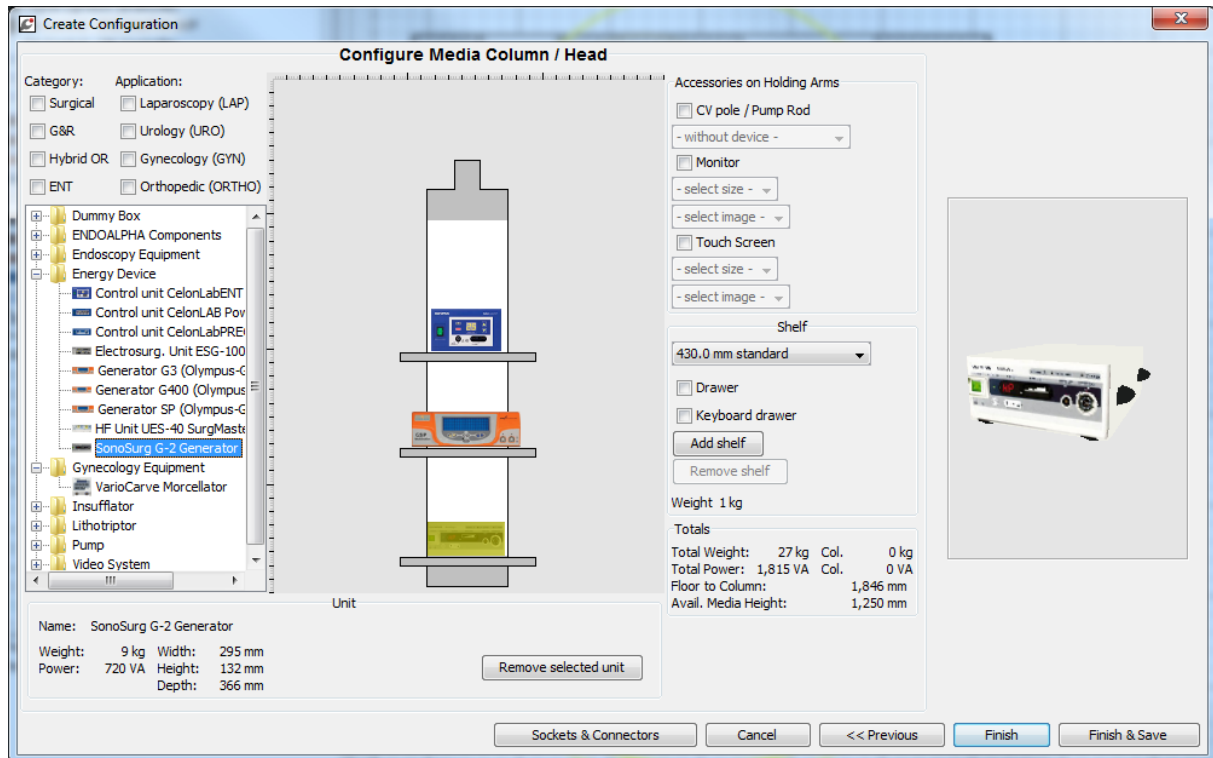
- Olympus Region: Global
- Olympus Country Organization: Hamburg
- Salutation: Mr. Mrs.
- Last Name: Leonhardt
- First Name: Arif-Andreas
- Street + No.: Am Born 6b
- City: Hamburg
- Zip Code: 22765
- State: Hamburg
- Country: Germany
- Telephone: 0049 04 391 09 61 23
- Cell Phone: ***
- E-Mail: aai@mmp.de
- Fax: (empty field)
- Homepage: (empty field)

At the bottom, there are 'OK' and 'Cancel' buttons. A note at the bottom of the form reads: 'The update or revision of your user information needs to be performed centrally by GCC. Please send a note with the corrected data to 3D.Designer@olympus-owi.com.'

Personalised usage via Intranet connection

.mmp has done some modifications of the Sweet Home 3D® interface due to the OLYMPUS Workflow and has developed a plug-In to do special tasks which were not included in Sweet Home 3D® yet.

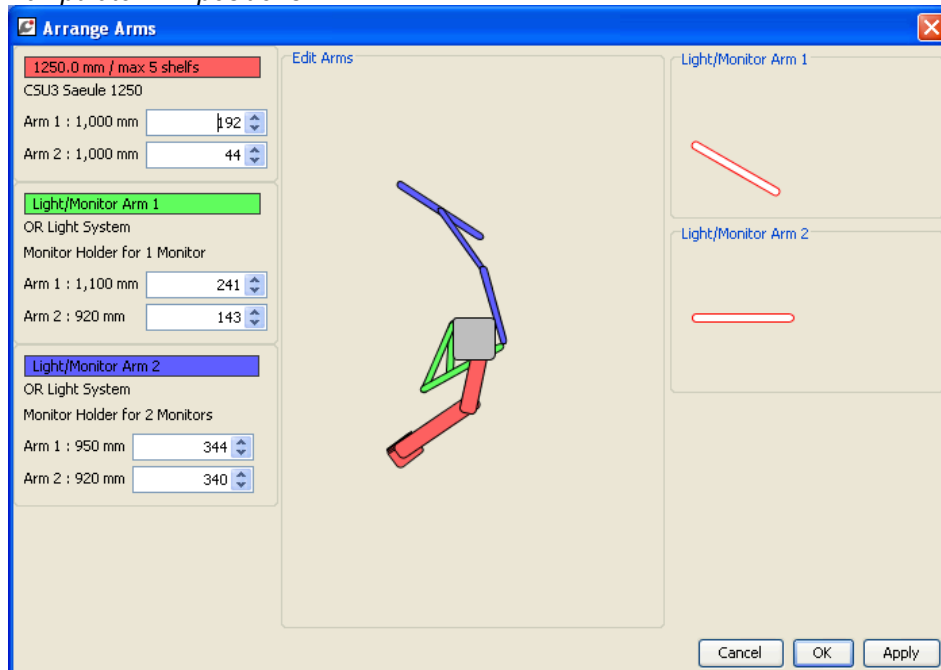
There is a configurator to assemble Light Arms and Supply Units as well as trolleys for medical equipments.

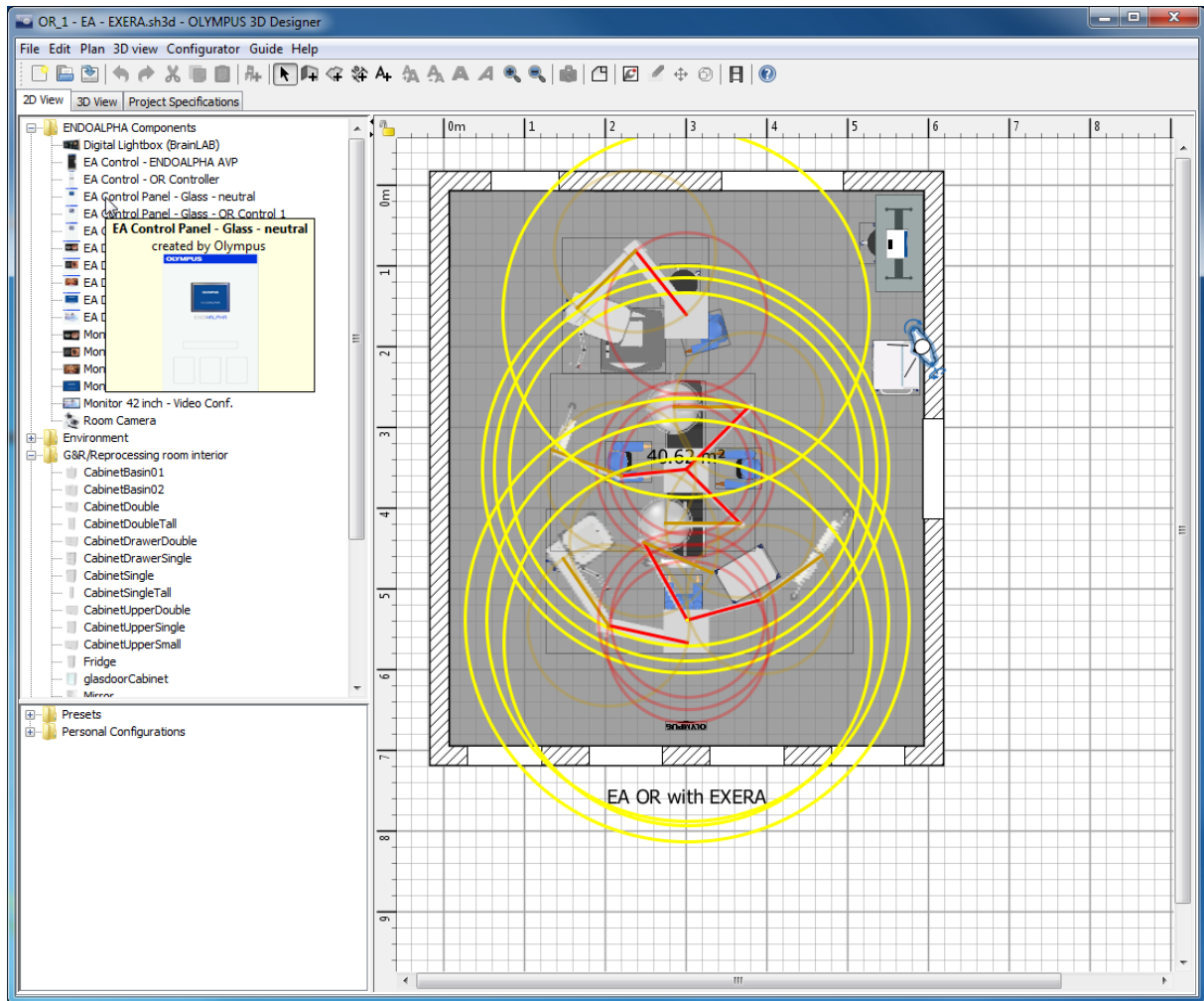


Configuration Tool

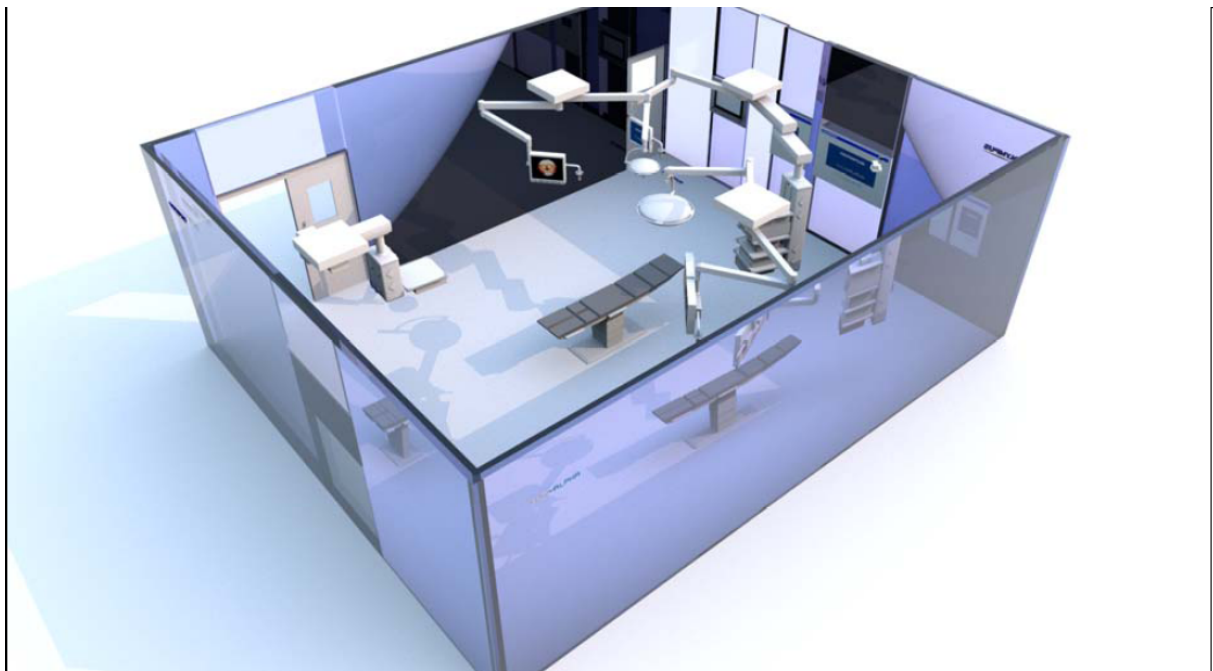
In the 2D view there is a tool to adjust the position of these arm systems and a visualisation of the collision radius.

Manipulate Arm positions





2D Plan view with rotation diameters



Rendered image with the create photo tool

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