ATMOS MedizinTechnik

Quick Start

ATMOS Capture Suite

Englisch



These instructions apply to software version 5.0.1 or higher

GA2GB.150102.0

2025-11 Index 01

Table of contents

1 System requirement & start 3
1.1 Minimum requirements for the hardware 3
1.2 Preparation 3
1.3 Putting the software into service 3
1.4 Patient data 4
1.4.1 Creating and editing patients without a connection 4
1.4.2 Creating and editing patients with a connection 4
1.4.3 Patient search 4

2 Medical history (MH) 5
2.1 Start screen, selection of the cameras & main menu 5
2.2 Taking pictures and recording a video 6
2.3 Displaying pictures and videos from the library 7
2.4 Comparing pictures and videos 8
2.5 Post-editing pictures 8
2.6 Post-editing videos 9

3 Printout and report 10
3.1 Creating a report 10
3.2 Creating a Word file 10
3.3 Help by remote maintenance 11

1 System requirement & start

1.1 Minimum requirements for the hardware

ATMOS Capture Suite 5

Operating system	Win11 64-bit
Free hard drive capacity	400 MB program installation Recommended: 2 TB At least 1 TB for video storage
CPU performance	At least Intel i5 or AMD Ryzen 5, at least 6 Core, min. 3 GHz
RAM	At least 16 GB dual channel (2 x 8 GB) Recommended: 2 x 16 GB
Graphic resolution	1920 x 1080
Video input	HDMI Grabber Full HD: Magewell XI100DUSB-HDMI, HDMI to USB 3.0
Audio input	MIC in or LINE in for use with stroboscope
Audio output	Loudspeaker or headphones
USB ports	At least 1x USB 2.0, at least 1x USB 3.0 (for HDMI grabber or camera)

☞ You can find the technical specifications in the chapter “Technical specifications” of the operating instructions for the Capture Suite.

1.2 Preparation

Plugging in the dongle:

The USB dongle (containing the licence information) must be plugged in before the Capture Suite is started. Without the dongle, the software works only with limited functionality.

1.3 Putting the software into service

Starting the software

1. Start the application manually by actuating the ICON on the desktop.
2. Call up the application via PVS in combination with GDT or call it up directly with the HotKey.
3. Start the Capture Suite manually and import the patient data via DICOM.

1.4 Patient data

1.4.1 Creating and editing patients without a connection



Creating a patient:

Capture Suite starts and a screen automatically appears. A patient can be created on the "NEW" tab on the screen.



Changing patients:

Capture Suite starts and a screen automatically appears. The patient (e.g. the name) can be changed on the "CHANGE" tab on the screen.

1.4.2 Creating and editing patients with a connection

The patient data are automatically taken from the leading system in the event of an existing connection. No manual input is necessary.

1.4.3 Patient search

The patient search dialogue is displayed by clicking on the  symbol on the right-hand tool bar. An existing patient can be found by entering selected criteria.

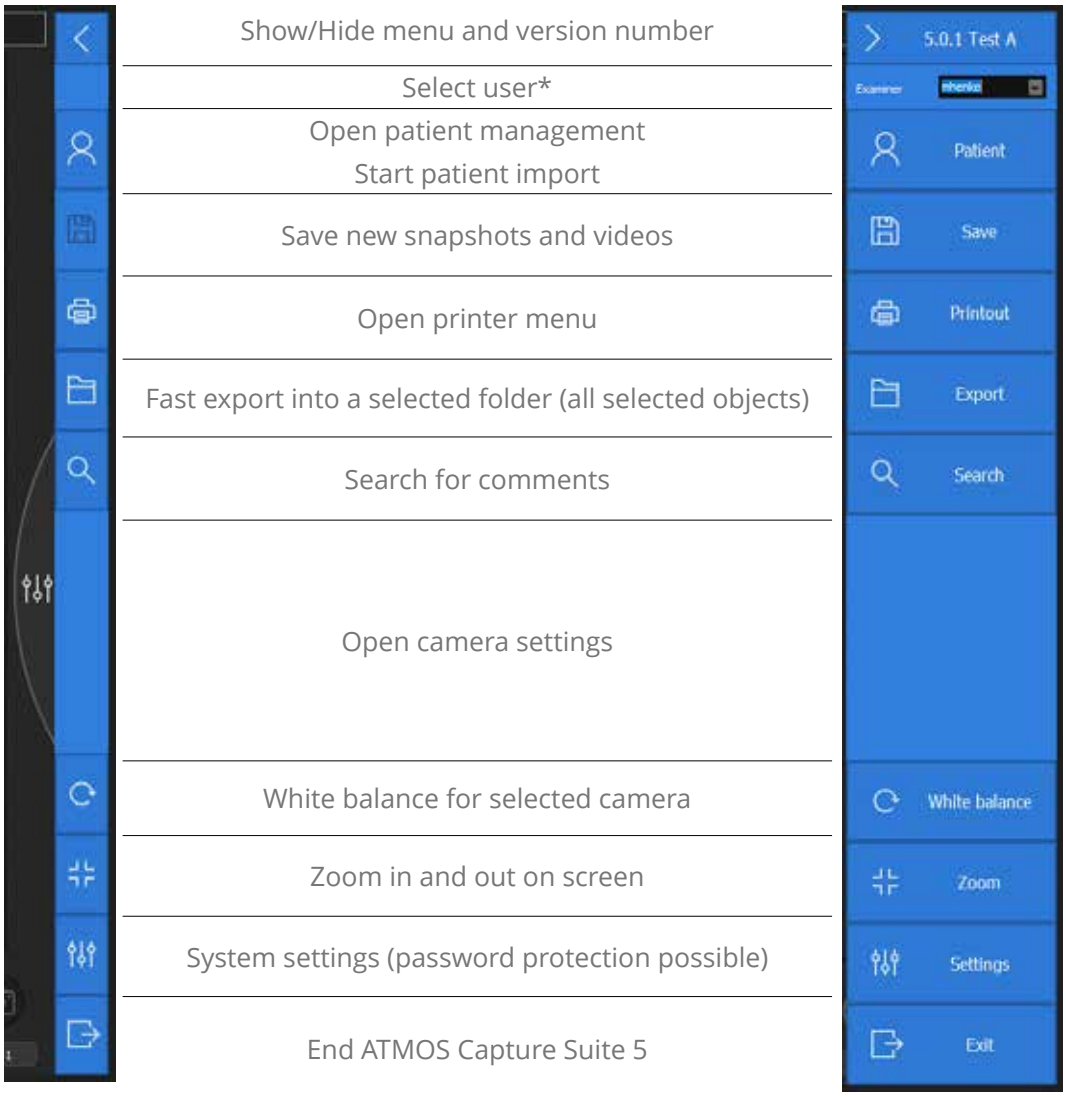


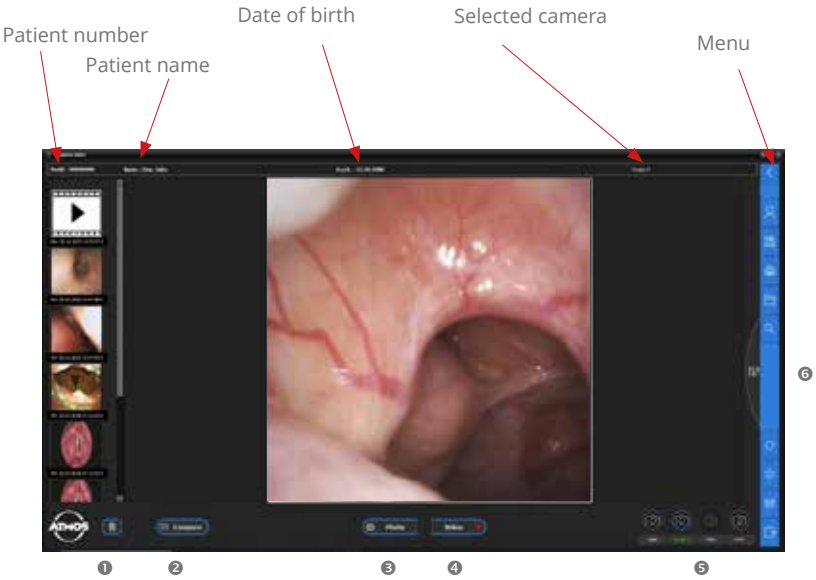
2 Medical history (MH)

2.1 Start screen, selection of the cameras & main menu

The Capture Suite is a software solution used to visualize and document diagnosis results.

The basic and camera configurations are described in detail in chapters 4 and 5 of the operating instructions.





❶	Right-click on the picture or video to select one or more objects (time stamp turns red) and delete your selection with the RECYCLE BIN button.
❷	Button used to open/switch to comparison mode (4-picture mode or one video and two pictures).
❸	Photo button: If a foot switch is used for the set-up, it will have the same function as the "PHOTO button".
❹	Start the video recording - The video recording window is automatically opened.
❺	Selected cameras: The selected camera is indicated by a blue circle around the symbol. The symbol will be displayed in grey if the camera is not connected.
❻	Button used to open the explicit camera settings. Only the settings for the selected camera are opened. To edit the camera settings, first use the buttons to select the desired camera.

2.2 Taking pictures and recording a video

Pictures taken & videos recorded are immediately displayed in the picture library. To save pictures & videos, use the "SAVE" button (marked in green).





While recording a video, the control panel of the Capture Suite is changed as follows:



neu

The recording time and the recording volume (marked in yellow) provide information on the video parameters. The SNAPSHOT function (marked in green) can be used to take pictures during the recording. The STOP and PAUSE functions can be selected by clicking on them or tapping them on a touchscreen with your finger.

Detailed information can be found in 6.2.3 and 6.2.4 of the operating instructions.

2.3 Displaying pictures and videos from the library

Select the object to be checked by clicking on it or tapping it on the touchscreen with your finger in the picture within the scrolling area. The respective viewer is opened depending on the selected snapshot or video.

Picture:

Comments on the picture data can be added and post-editing started here to add markings, pointers or text elements within the picture.

Videos:

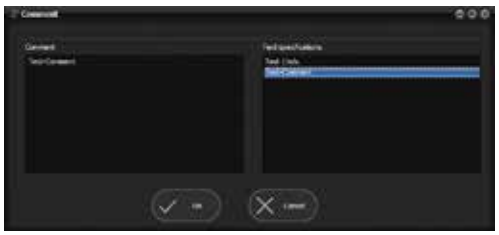
Options for slow, fast and normal recording are available, as well as a snapshot function. Post-editing mode can be started with the Cut button and comments on video files added from here.



Comments:

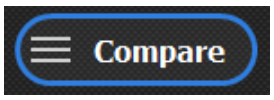
Comments on pictures or videos can be added directly manually or as a text template. Picture comments are included in the report/printout. Text files for drag-and-drop comments can be added if necessary and must be pre-configured in the settings (Options - System – Edit comments).





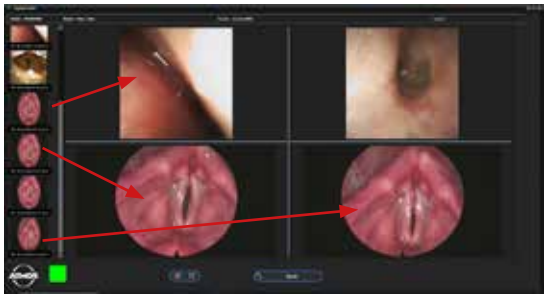
Detailed information can be found in section 6.2.5 of the operating instructions.

2.4 Comparing pictures and videos



ATMOS Capture Suite Version 5 allows four pictures, one video and two pictures or two videos to be compared on a screen. To open comparison mode, click on the COMPARE button or tap the touchscreen with your finger.

☞ The COMPARE start screen is opened always in four-picture comparison mode.





☞ In comparison mode, the function bar for the configuration shown below is changed.



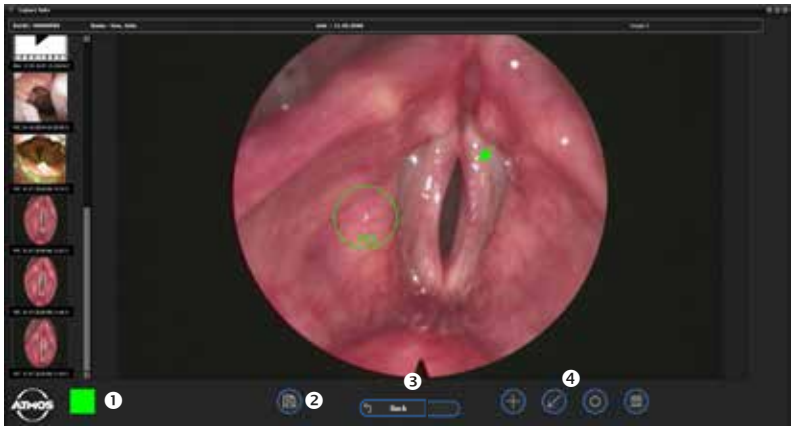
❶	To highlight certain areas within a picture, simply draw free lines within the picture with the mouse (left mouse click) or your finger. The colour can be changed by selecting a colour next to the ATMOS logo.
❷	These buttons can be used to switch a second monitor/screen on or off to display the comparison screen on a second monitor. This monitor may be a patient monitor or a monitor for training/assistance purposes.
❸	You can close comparison mode and return to the main screen by clicking/tapping the BACK button. All markings are deleted! The markings are intended only for temporary reporting purposes.

Detailed information can be found in section 6.2.7 of the operating instructions.

2.5 Post-editing pictures



This button is activated if you select a picture from the library. Click or tap on it to open picture editing mode.



❶	Select the colour for markings, pointers or text to be added
❷	Save picture with markings, pointers and text
❸	Close the editing window
❹	From left to right • Fixate text or markings • Line selection tool • Circle selection tool • Add text

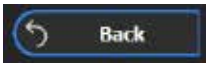
Detailed information can be found in section 6.2.8 of the operating instructions.

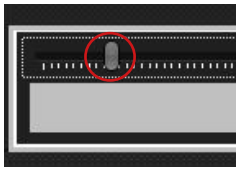
2.6 Post-editing videos



This button is activated if you select a picture from the library. Click or tap on it to open picture editing mode.

You can use the video editor to select the passages that are to be kept from a video, while deleting the passages not selected. The passages to be kept are joined at the end of the procedure.

	Return to start screen.
	Select the video passage to be kept in order to join it.
	Select the start and end point for the area to be connected.
	Delete the selected passage from the selection to be joined.
	Complete and join the videos after selecting the selected passages

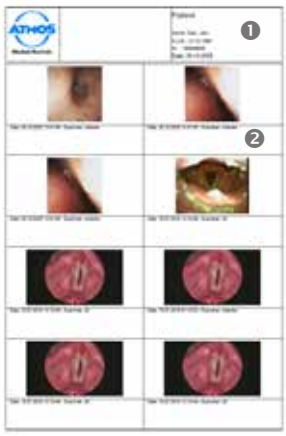
	The pointer can be moved with the mouse or your finger on the touchscreen.

Detailed information can be found in section 6.2.9 of the operating instructions.

3 Printout and report

3.1 Creating a report

To create a report, select the PRINT option in the main menu on the right side of the main screen. The printing menu is opened on the screen. Up to eight pictures can be included in the report. Drag the selected pictures from the library onto the printing form.

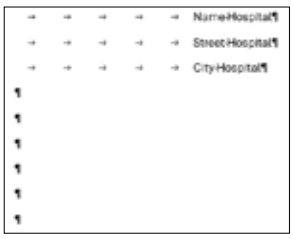
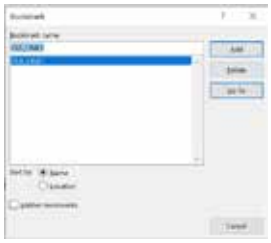
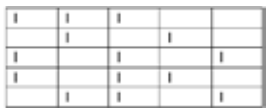
	❶ The report (standard PDF, MS Word, Open Office or printout) is as illustrated on the left. The patient information, the hospital logo and additional information are automatically added. ❷ The picture time stamp, examiner and comments (provided they have been added to the picture in the software) are automatically added to the report.

Detailed information can be found in section 6.2.10 of the operating instructions.

3.2 Creating a Word file



	Select INSERT and then click on BOOKMARK. A new window appears in which you can enter the bookmarks from the table.
	Please position the cursor in the Word document, enter the name of the bookmark you wish to enter and click on ADD.

<table>
<tr>
<td> 
  </td>
<td>You can see here the position of the two bookmarks inserted in this template.</td>
</tr>
<tr>
<td> 
  </td>
<td>Example with all bookmarks integrated in a table. This is also one way of creating an individual report.</td>
</tr>
</table>

Detailed information can be found in chapter 7 of the operating instructions.

3.3 Help by remote maintenance

To enable a remote maintenance session, click on the ATMOS symbol. A team viewer session will then be started. To manage the Windows settings, please make sure the user has administrator rights to delete or install software components.



MedizinTechnik

ATMOS MedizinTechnik GmbH & Co. KG
Ludwig-Kegel-Str. 16
79853 Lenzkirch / Germany
Phone: +49 7653 689-0
atmos@atmosmed.de