SANAKO Study 500

USER GUIDE

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INTRODUCTION

WELCOME…

… to SANAKO Study 500, a software-based teaching solution that combines the use of multimedia with a suite of essential classroom management tools. Study 500 helps teachers deliver effective instruction in any subject area.

Since it is a pure software solution, Study 500 does not require any additional hardware and is therefore easy to install and maintain.

WHAT CAN YOU DO WITH STUDY 500

The Study 500 multimedia teaching environment includes all the features and functions that are essential for effective and enjoyable teaching and learning, such as screen transfer features, audio and text communication tools, web browser and program launch capabilities, and classroom management and control features.

The basic platform of the Study 500 system can be easily upgraded and enhanced with separate extension modules, making it a flexible solution that can be modified to suit your specific teaching needs.

GETTING STARTED

STUDY 500 SYSTEM COMPONENTS

STUDY 500 TUTOR

Teachers use the Study 500 Tutor application, which is the main interface to the Study 500 system. The Tutor application allows teachers to instruct with the Study 500 system and to control the classroom computers.

STUDY 500 STUDENT

The Study 500 Student application is installed onto all student computers. Study 500 Student connects to SANAKO Crossroad at system startup and runs in the background listening for commands from Study 500 Tutor.

Students can open the student interface to work independently, however, teachers are able to control student computers, regardless of whether the Student application is visible on student screens.

SANAKO CROSSROAD

The SANAKO Crossroad server program is the information center of the SANAKO Study 500 system and both the Tutor and Student components automatically connect to it. All system data is passed through SANAKO Crossroad and it allows communication between the Tutor and Student components.

If you do not have a separate server computer, you can install SANAKO Crossroad onto the same computer as Study 500 Tutor.

EXTENSION MODULES FOR STUDY 500

The functionality of the Study 500 system can be extended to suit more specific needs and tasks with additional modules. The available extension modules for Study 500 include:

- SANAKO Study Admin Module
- SANAKO Study Blackboard Module
- SANAKO Study Content Authoring Module (included in the Study 1200 package)
- SANAKO Study Examination Module
- SANAKO Study Mobile Module (available in UK only)
- SANAKO Study Voting Module
- SANAKO Study Video Streaming Module

You can find descriptions and more information on each extension module in the *Extension modules for SANAKO Study 500* section at the end of this User Guide.

STUDY 500 TEACHER APPLICATION

OVERVIEW

SESSIONS & ACTIVITIES

Sessions and activities are two key concepts that form the basis of teaching with the Study 500 application

SESSIONS

In Study 500, students can be divided into six different sessions that can be controlled separately and that can simultaneously perform different activities.

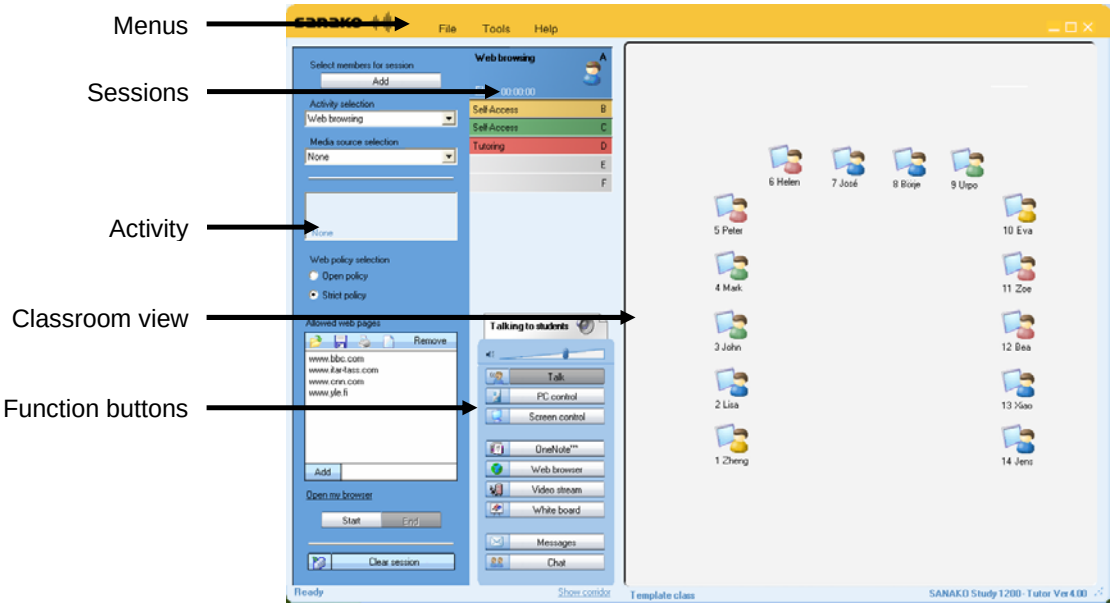
ACTIVITIES

Teaching in the Study 500 environment is based on a set of preset learning activities, which can be utilized in the basic teaching of any subject. You can set different activities for different sessions.

The Study 500 program includes the following activities:

- Self-Access
- Tutoring
- Web Browsing

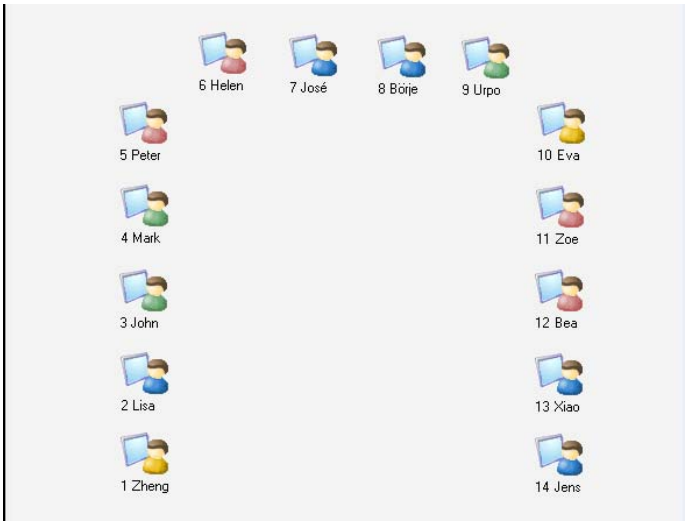
COMPONENTS OF THE TUTOR INTERFACE



MENUS

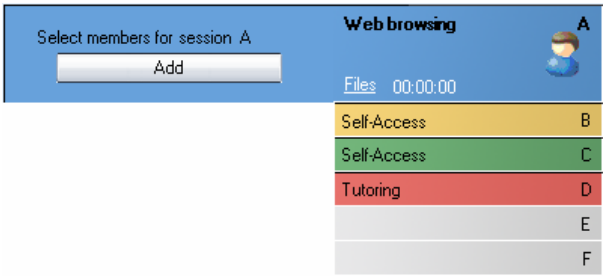
The three menus (**File**, **Tools** and **Help**) give you access to settings and preferences, to your license information, and to online help.

CLASSROOM VIEW



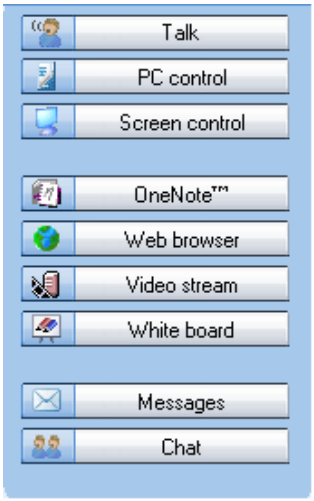
You can edit the classroom view by adding and removing student workstations and by arranging them to match your physical classroom environment. Student icons are color-coded according to the sessions they are in.

SESSIONS



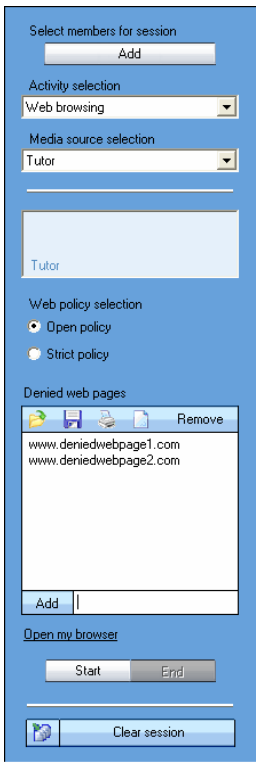
Study 500 has six different sessions that students can be placed into. The sessions allow you to divide your class into smaller groups that can be engaged in different learning activities. Empty sessions are grayed.

FUNCTION BUTTONS



The different functions can be used for either all the students or the students of a single session.

ACTIVITY VIEW

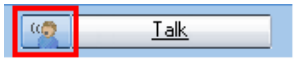


The activity view is where you can select and control the activity of the current session.

COMMUNICATION

To discuss with a single student, click a student icon and select **Discuss**.

To talk to a session, select a session and in the Function Buttons click the icon next to the **Talk** button.

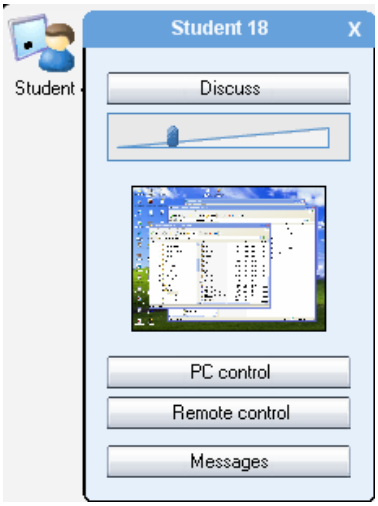


To talk to the entire class, click on **Talk** in the Function Buttons.

FUNCTIONS

FUNCTIONS FOR A SINGLE STUDENT

To use the different functions for a single student, click on the student icon. This opens a student monitoring window with functions that apply to the selected student.

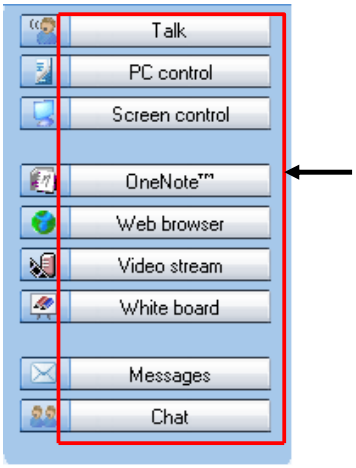


For more information on the different functions in the monitoring window, see *Functions for a single student* later in this guide.

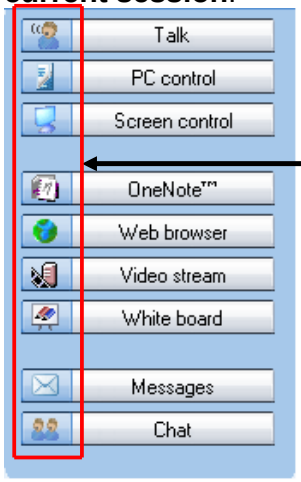
FUNCTIONS FOR ENTIRE CLASS / A SESSION

The functions in the function buttons can be used for the currently selected session or for the entire class.

- Clicking the button itself will perform the function for the **entire class**.



- Clicking the icons will perform the function for the **current session**.



For more information on the different function buttons, see *Functions for entire class / a session* later in this guide.

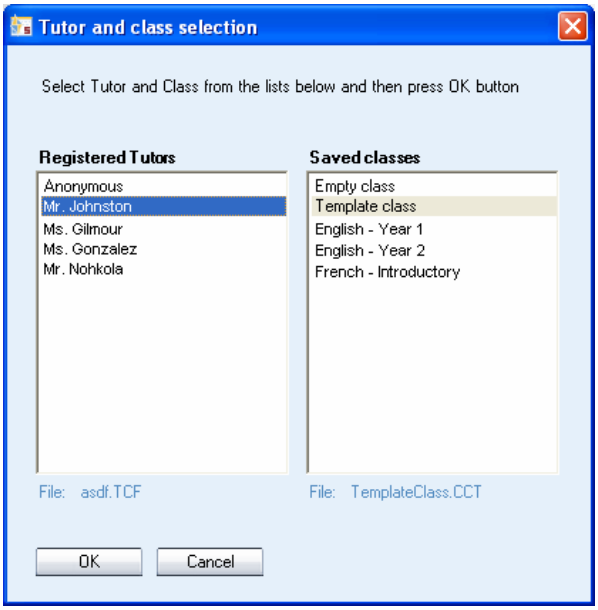
GETTING STARTED

STARTING STUDY 500 TUTOR

After the installation, you are ready to start Study 500. To start Study 500 Tutor, open the Windows **Start** menu (lower left corner on your screen) and select **Programs** – **SANAKO Study 500** – **Tutor**.

SELECTING TUTOR NAME AND CLASS

Before the Tutor application opens, you need to select your tutor name and the class that you are teaching. If you are not teaching a specific class, you can select the template class or an empty class and then manually pick the students you want to include in the class.



For information on adding students to the classroom, see the *Adding students into the classroom* section below.

For information on setting tutor names and classes, see the Study 500 Technical Guide.

STARTING STUDY 500 STUDENT

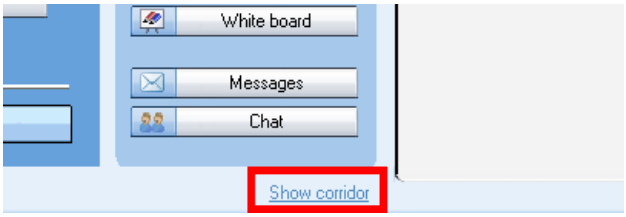
To open the Study 500 Student interface, click the Windows Start menu and select **Programs – SANAKO Study Student – Study Student**. The teacher can also at any time display the Student applications on student workstations by clicking on the **Student Applications** button on the Tutor interface.

Even if the Study 500 Student application is not open on the student screen, it is always running in the background

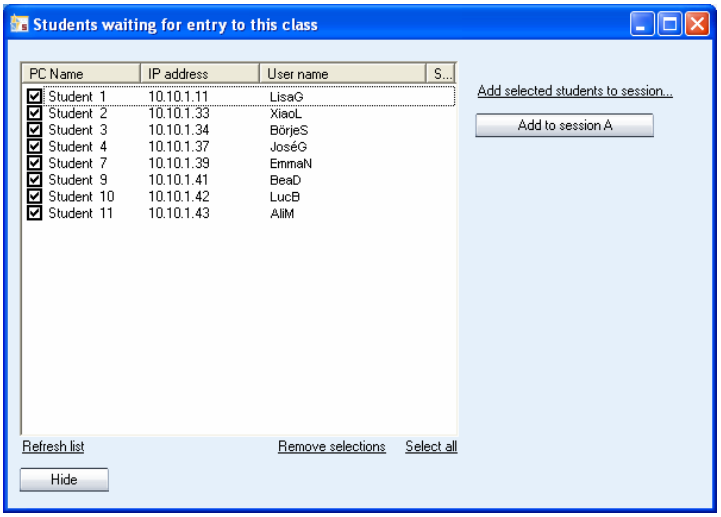
listening to commands from Study 500 Tutor when the student workstation is on.

ADDING STUDENTS INTO THE CLASSROOM

To add students into the classroom, click the **Show Corridor** text at the bottom of the Tutor interface.



This opens a window that displays all the currently running student workstations. Select the workstations that you want to add and then click the **Add to session A** button.



MOVING AND ARRANGING THE STUDENT ICONS

To move and arrange the student icons on the classroom view, open the **Tools** menu, select **Admin** and then **Move and align student icons**. This opens a control bar with functions for arranging the classroom layout.

EDITING STUDENT NAMES AND NUMBERS

To edit the student names and numbers, right-click on a student icon and select **Edit** and then either **Name** or **Position**.

You can also let the students enter a name for themselves. To do this open the **Tools** menu and select **Ask student names**.

REMOVING STUDENTS

To move a student from the class back to the corridor, right-click a student icon and select **Send to corridor**. The

student can then be selected to another class by another teacher.

To remove a student and the student icon from the class view, right-click a student icon and select **Exclude from class (and layout)**. Once the student icon is removed, the classroom configuration can be saved as a new class.

GETTING HELP

If you are unsure of some of the functions in the applications, you can access the Study 500 online Help file in either the Teacher or Student application by opening the **Help** menu and selecting **Help**.

ENDING A LESSON

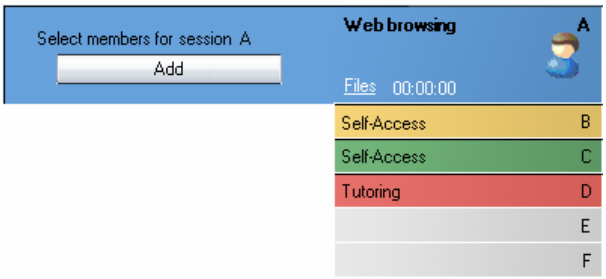
To end the current lesson and close Study 500 Tutor, open the **File** menu and select **Exit** or click the ‘X’ button in the top right corner of the teacher application.

RESTARTING THE TUTOR APPLICATION

To restart the tutor application, open the **File** menu, select **Restart** and then either the **Restart** option to start again with the same tutor and classroom, or the **Restart and select Tutor** option to start again with a different tutor and classroom.

GROUPING STUDENTS INTO SESSIONS

You can place students into six different sessions (A-F). Empty sessions are grayed.



There are three ways to select students for a session:

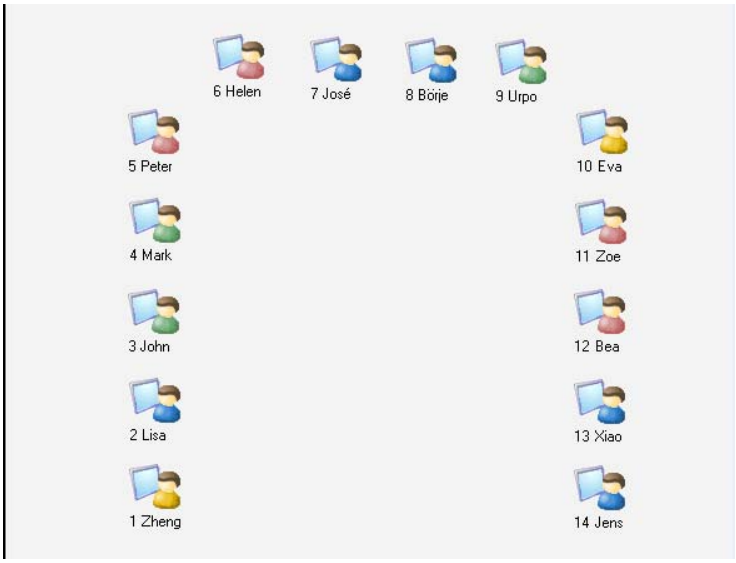
- Click **Add** and then the student icon you want to add.
- Click **Add**, and with the left mouse button pressed down drag the selector over the desired student icons.
- Right-click a student icon, select **Move to Session** and the letter of the session you want to place the student into.

You can remove students from a session by adding them into another one in one of the ways explained above.

STUDENT ICONS

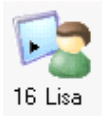
CLASS VIEW

The Study 500 class view is a graphical layout of your class. Your students are displayed as student icons that reflect their current status.



The student icons are also color-coded according to the session they are in, allowing you to see at a glance, which session the students belong to.

STUDENT ICONS

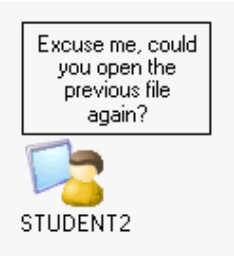


Student name and position

Student names and student position numbers are indicated below each student icon.**To edit the name or position of a student**, right-click the icon, select **Edit** and either **Name** or **Position**.

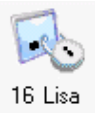
Student calling teacher

A question mark on top of the student icon indicates that the student wants to speak with the teacher. To talk with the student, click the student icon and select **Discuss**.



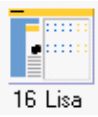
Message from student

Messages from students are displayed above the student icons



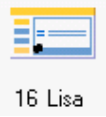
Locked student

A locked student workstation (Lock PC, Lock Screen, or Lock Mouse and Keyboard).



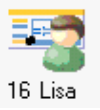
Student receiving tutor screen

A student who receives the Tutor screen, when the Tutor screen is shared to students.



Student receiving model student's screen

A student who receives the Model Student screen, when a student screen is shared to others.

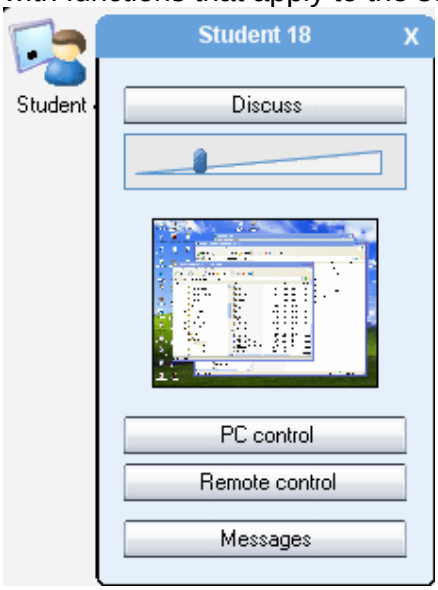


Model student

A student whose screen is being shared to other students

FUNCTIONS FOR A SINGLE STUDENT

Clicking a student icon opens a student monitoring window with functions that apply to the selected student.



DISCUSS

Talk with the student. Adjust the student volume with the slider during the discussion.

PC CONTROL

PC Control options include shut down functions, locking functions, the possibility to launch programs, disable Internet use and show or hide student applications on the student computer.

For information on the different PC Control options, see *PC control options* later in this guide.

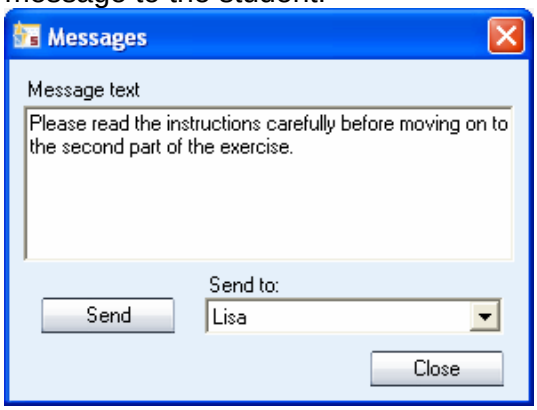
REMOTE CONTROL

View and control the selected student's screen in the Screen Control window.

For more information on the functions in the Screen Control window, see *Screen Control window* later in this guide.

MESSAGES

Opens the message window in which you can send a message to the student.



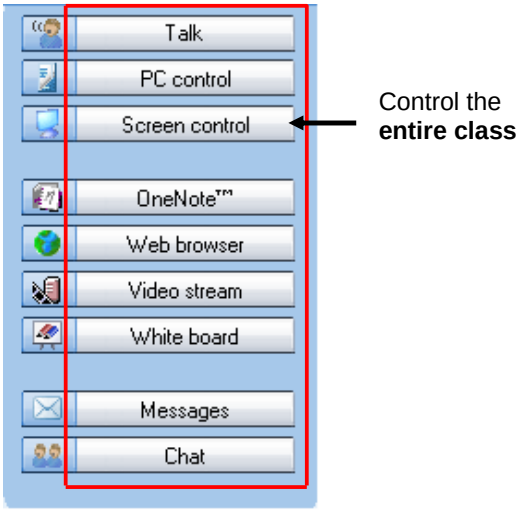
TO SEND A MESSAGE

1. Type your message in the **Message text** field.
2. The current student is selected as the recipient by default.
3. Click **Send**. The message is now displayed on the student screen.

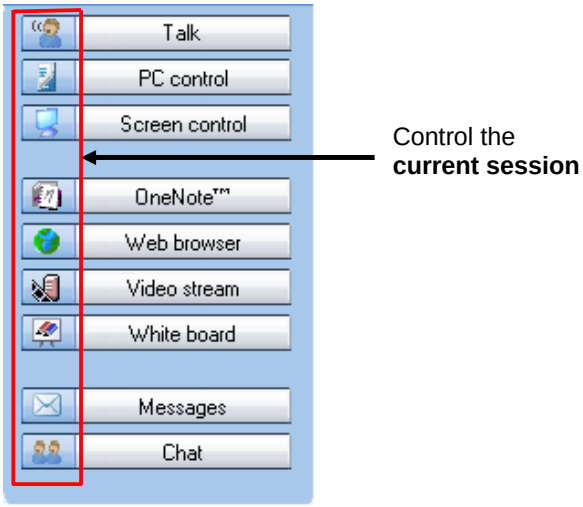
FUNCTIONS FOR ENTIRE CLASS / A SESSION

The functions in the function buttons apply either to all students or to the currently selected session.

- Clicking the buttons will perform the function for the entire class.



- Clicking the icons will perform the function for the current session.



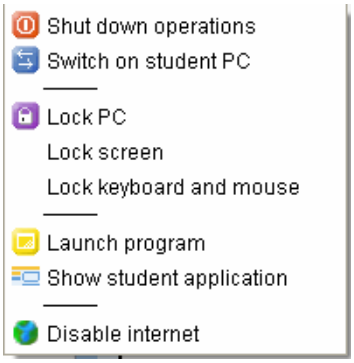
TALK

Talk allows you to talk to students while the student microphones are muted. To end the call, simply click the **Talk** button again.

The **Talking to students** text above the Function buttons indicates when the students can hear you.

PC CONTROL

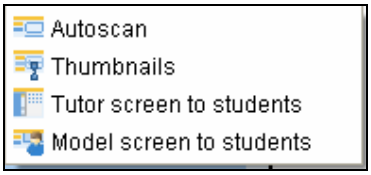
The different PC control options give you full control over the shutdown functions of student computers and also allow you to launch programs, disable Internet use and show or hide student applications on student workstations. With the locking functions you can ensure that the students' full attention remains on the task at hand.



For more information on the different PC control options, see *PC control options* later in this guide.

SCREEN CONTROL

The different screen control options allow you to monitor and control student screens, as well as to share either the teacher screen or a selected student's screen to others.



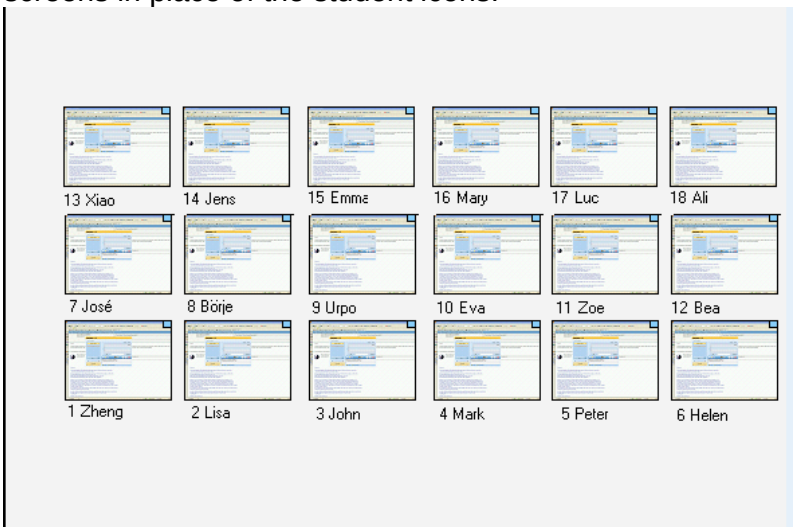
AUTOSCAN

Opens the Screen Control window and allows you to monitor the screen activity of student workstations automatically, one after the other.

For more information on the functions in the Screen Control window, see *Screen Control window* later in this guide.

THUMBNAILS

Selecting **Thumbnails** displays thumbnail images of student screens in place of the student icons.

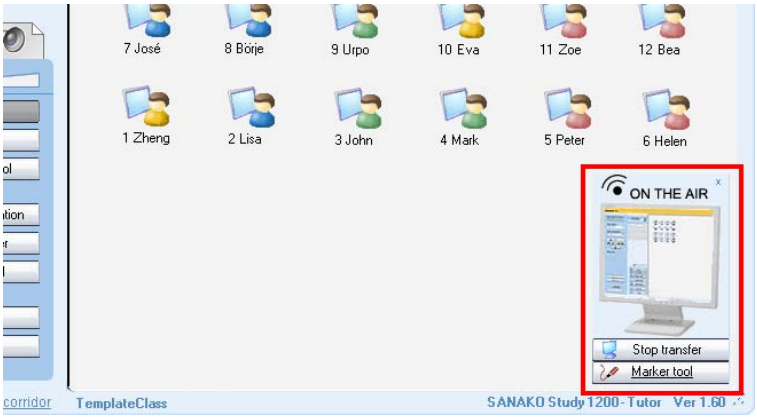


TUTOR SCREEN TO STUDENTS

This allows the teacher to display the teacher screen on the student screens while talking to them. During the screen sharing, students will see the teacher screen but are not able to use their keyboard or mouse to control it.

ON THE AIR

When the Tutor screen is shared to students an **On The Air** indication panel appears in the lower-right corner of the tutor screen

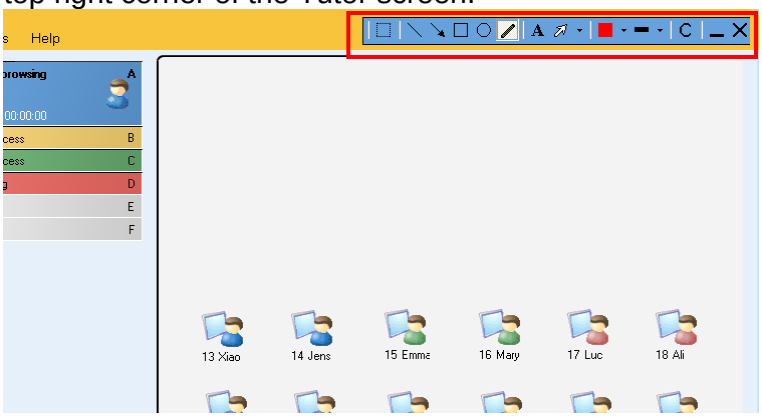


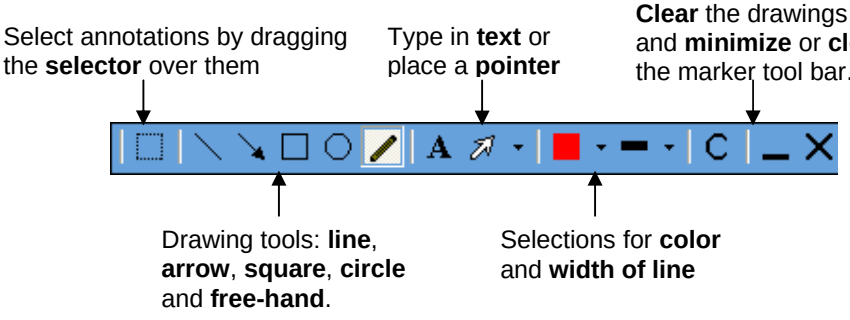
To end the screen transfer, click on the **Stop Transfer** button in the On The Air panel.

MARKER TOOL

The marker tool allows instructors to make annotations onto the shared tutor screen. To use the Marker Tool, click on the **Marker Tool** button in the On The Air panel.

This will open a toolbar with different annotation tools into the top right corner of the Tutor screen.





MODEL SCREEN TO STUDENTS

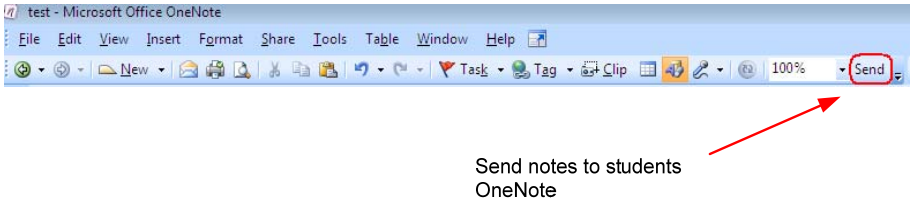
This displays a selected student's screen to the other students and the model student can also talk to the others. Instead of teaching all the sessions yourself, you can use screen sharing to set one of the students to instruct the others or to let a student give a presentation.

To set a model student, select **Model screen to students** and then click on the desired student.

ONENOTE

Microsoft OneNote is a tool for note taking, information gathering, and multi-user collaboration. The application allows teachers to distribute their classroom notes to students in the Study live learning session.

Clicking the **OneNote** button launches Microsoft OneNote for both the teacher and students. Teachers can then click the **Send** button to send their notes and content to the students.



The entire page content will be always updated in the students' OneNote when the tutor clicks **Send**. A new page will be created for the students if one does not already exist.

Note: The OneNote feature requires that Microsoft OneNote is installed on the tutor and student computers. Microsoft OneNote is a standard part of Office 2007.

WEB BROWSER

Launch – Open Web browsers for the student and the tutor. You can use the tutor Web browser to control the student's browsing.

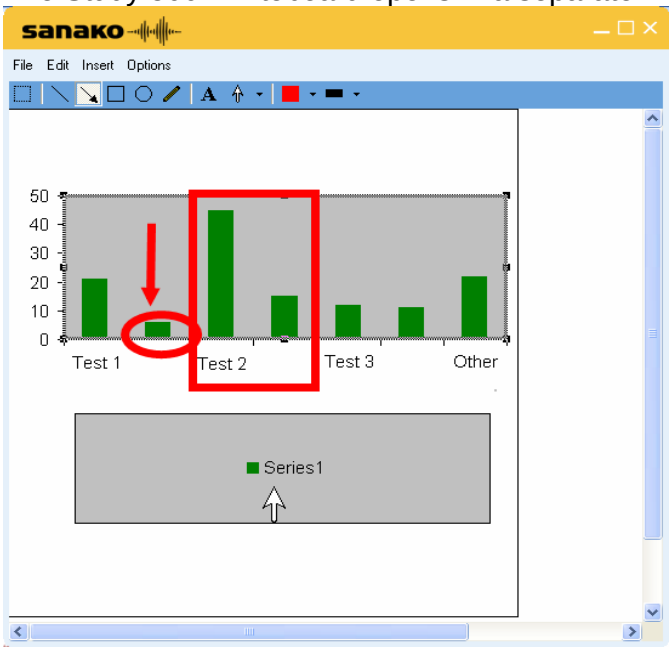
Hide – Close both the student and tutor Web browsers.

For more information on how to use the Web Browser and on how to control and set limits to students' navigation, see *Web browser* later in this guide.

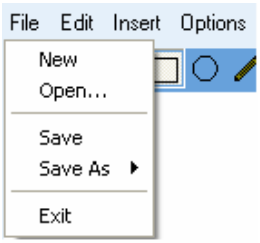
WHITEBOARD

The Whiteboard is a tool that allows users to make annotations onto selected images. You can use any pictures as the background of the Whiteboard.

The Study 500 Whiteboard opens in a separate window.



FILE MENU



New – Clear the Whiteboard and start a new project.

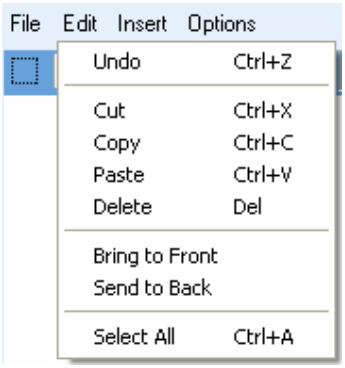
Open… – Open a saved Whiteboard project. Whiteboard projects include the background image and the annotations.

Save – Save the current Whiteboard project under the same name.

Save As – Save the current Whiteboard project as a Whiteboard project file, in which case the drawings can later be edited, or as a picture which cannot be edited.

Exit – Close the Whiteboard window

EDIT MENU



Undo – Undo the previous command.

Cut – Cut the selected annotations and pictures. You can select annotations and pictures with the Selector tool.

Copy –Copy the selected annotations and pictures.

Paste –Paste any annotations or pictures that you have copied onto the Whiteboard.

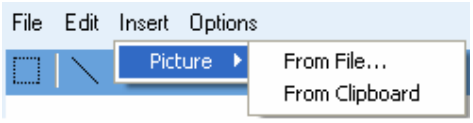
Delete – Delete the selected annotations or pictures.

Bring to Front – Bring the selected picture on top of the others on the Whiteboard.

Send to Back – Send the selected picture behind the others on the Whiteboard.

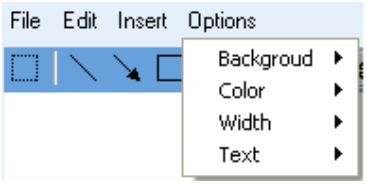
Select All – Select all the annotations and pictures on the Whiteboard.

INSERT MENU



Insert a picture onto the Whiteboard. You can insert and arrange multiple pictures onto the Whiteboard.

OPTIONS MENU



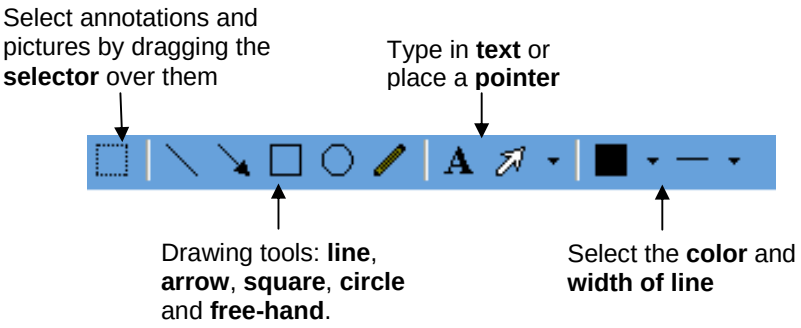
Background -- Select a new image to be used as the Whiteboard background or clear the background. If the '**Automatically Clipboard**' option is selected, any image that you capture or copy is automatically pasted as the Whiteboard background

Color – Select the color of the Whiteboard drawings.

Width – Select the width of line for the Whiteboard drawings.

Text – Select a text font style and size for the text tool.

WHITEBOARD TOOLS

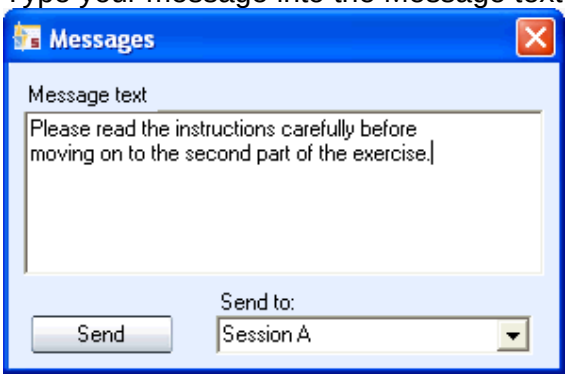


MESSAGES

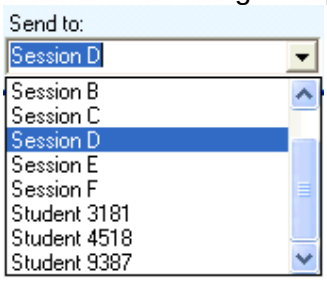
The message function allows you to display messages on student workstations, for example, to offer them additional guidance and instruction.

TO SEND A MESSAGE

1. Type your message into the Message text field.



2. Select the message recipient.

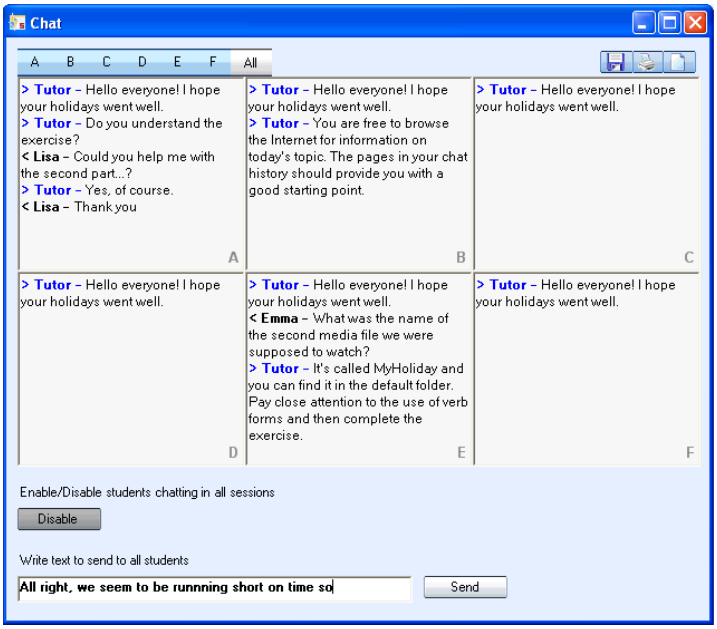


3. Click **Send**. The message is now displayed on student screens.

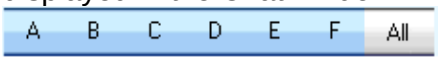
CHAT

The text chat feature can be used by both teachers and students for quick and easy communication, without disturbing the other students.

Clicking **Chat** opens the Chat window. Study 500 has separate chat rooms for each session and you can either view the chat history of a single room or monitor all the chat rooms simultaneously in a mosaic window.

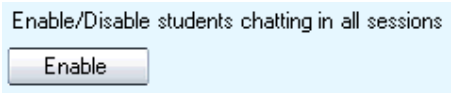


Click on the letters to select which session's chat history is displayed in the Chat window.



If **All** is selected then all six sessions are displayed simultaneously, allowing you to monitor all the chat discussions at the same time.

ENABLE / DISABLE CHAT FUNCTION



The Chat function is unavailable for students, until you enable it for them. Clicking this button will enable or disable the chat function for the session that is currently displayed, or if you are in the All view, for all sessions.

TO SEND A CHAT MESSAGE

1. Type your message into the field at the bottom of the window.

2. Click **Send**.
3. The message will be displayed for the currently selected session, or if you are in the All view, for all sessions.

SAVE / PRINT / CLEAR CHAT HISTORY

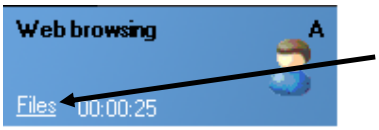
Click on the icons at the upper right corner to

save,
print, or
clear

the currently displayed chat history, or if you are in the All view all the chat histories.

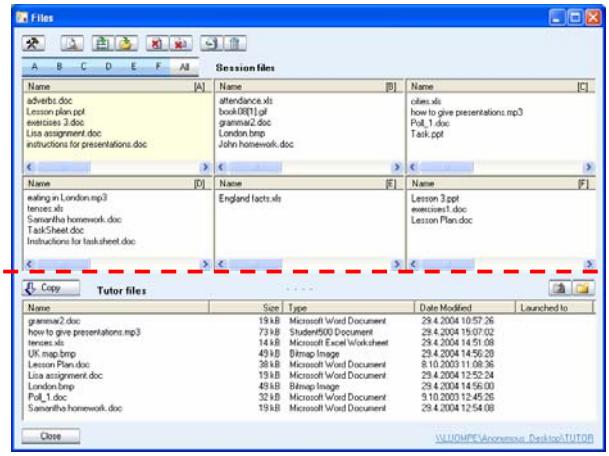
FILE FUNCTIONS

All the file functions of Study 500 are available in the Files window. To open it, click on **Files** in any session tab.



Open the Files window

The Files window displays the **Session file area(s)** (top half of the window) and the **Tutor file area** (bottom half of the window).



Session files

Tutor files

SELECTING ACTIVE SESSION FILE AREA

Study 500 has separate file areas for each session and for the tutor. You can use the session file areas to provide the students with material that they can access themselves.

Click on the letters to select which session's file area is displayed.

If **All** is selected then all six session file areas are displayed simultaneously. This allows you to add, copy and launch files to all the sessions at once.

BROWSING THE TUTOR FILE AREA

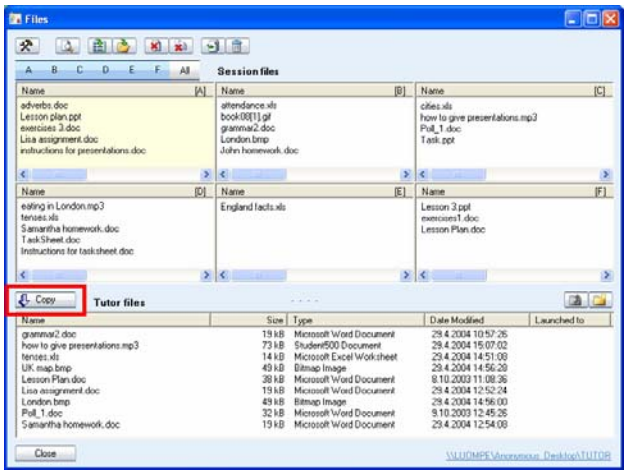
The Tutor file area is for storing files that you may use during your lesson. You can browse the folders and create new subfolders with the function buttons at the top right of the Tutor file area.

Move up in the folder structure

Create a new folder

COPYING FILES

To copy files from the Tutor file area to the Session file area(s) or vice versa, click on a file in the **Files** window to select it and then click on the **Copy** button.



Depending on which file area the selected file is located in, the arrow in the **Copy** button changes automatically to indicate whether the file will be copied from the Tutor file area to the Session file area(s) or vice versa.

FILE FUNCTIONS

File functions are located at the top of the Files window

Settings allow you to change the location for storing session files and refresh the file lists

Open the selected file on the tutor screen

Launch the selected files for students

Launch files that are located outside the session file areas

Close the selected files on the student workstations

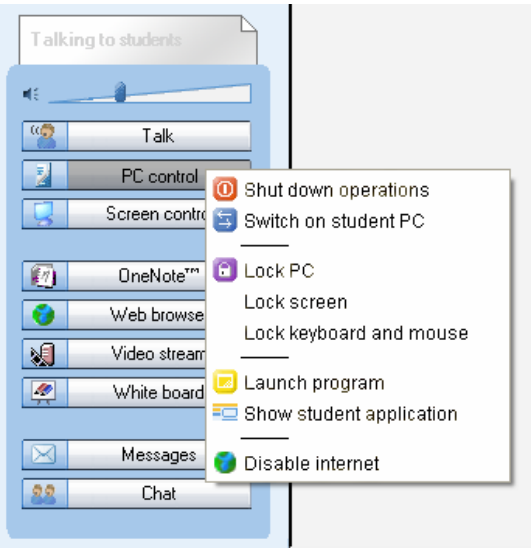
Close all launched files

Add files to the active file area

Remove the selected file

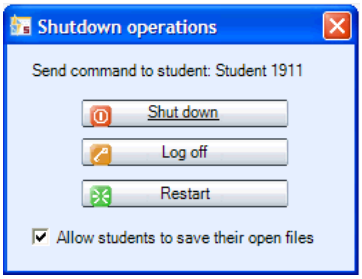
PC CONTROL OPTIONS

PC Control options include shut down and start up functions, locking functions, and the possibility to launch programs, disable Internet use and show or hide student applications on the student computers.



SHUT DOWN OPERATIONS

Selecting **Shutdown operations** opens a dialog that allows you to control the shutdown functions of student computers.



Checking the **Allow students to save their open files** option will let the students save open files before the selected shutdown command is performed.

Shut down – Shut down student computers

Log off – Log off current users on student computers

Restart – Reboot student computers

SWITCH ON STUDENT PC

Selecting Switch on Student PC starts up the student computers in the group or classroom.

Note: This function requires that Wake-On-LAN has been enabled on the student PC network cards.

LOCKING OPTIONS

Lock PC – Students' screens are blacked out and students are unable to use neither their keyboard nor mouse. You can then launch files or applications on top of the blank screen. To unlock the student computers, re-click the option.

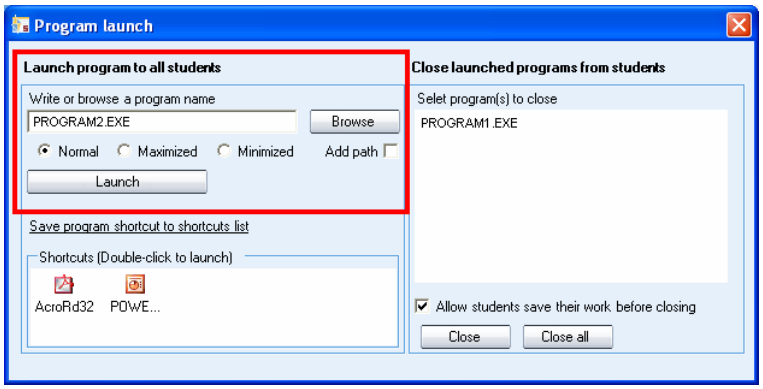
Lock screen – Students' screens are blacked out, but students can still use their mouse and keyboard to work with anything you launch on their screen. To unlock the student computers, re-click the option.

Lock keyboard and mouse – Students are able to view their own screens, but will not be able to use their keyboard or mouse. To unlock the student computers, re-click the option.

LAUNCH PROGRAM

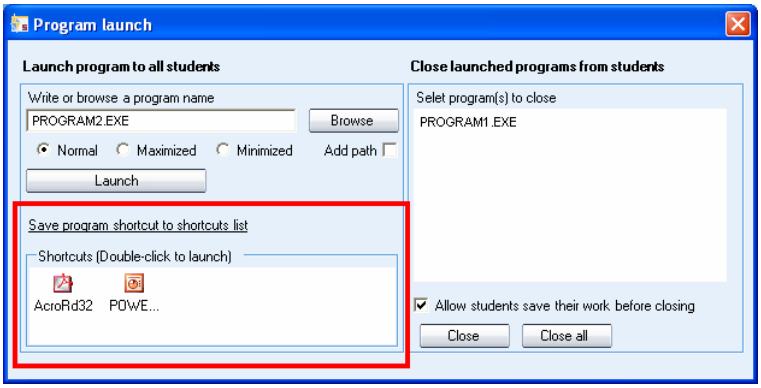
Selecting **Launch program** allows you to launch any programs on the student computers or in a shared area for the students, as well as create shortcuts to programs that are frequently used.

TO LAUNCH A PROGRAM FOR STUDENTS



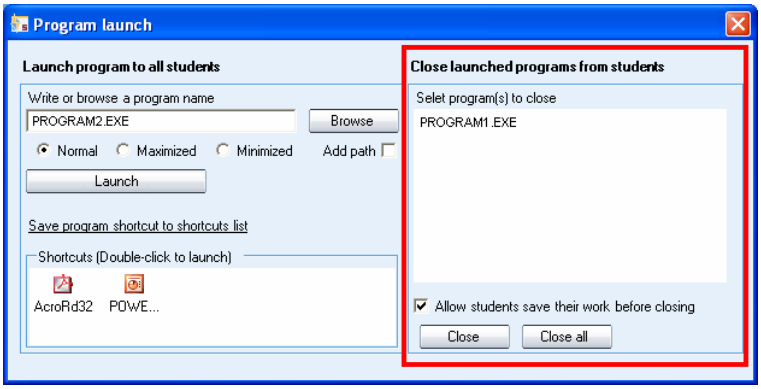
1. Either type in the name of the program or click **Browse** to browse for it (*.exe files).
2. Select whether the program window on student screens should be **Normal** size, **Maximized**, or **Minimized** to the taskbar.
3. Click **Launch**.

TO CREATE A SHORTCUT



1. Click **Browse** to browse for a program
2. Click **Save program shortcut to shortcuts list** to create a shortcut to the selected program.
3. You can now launch the program to students simply by double-clicking the shortcut. To remove a shortcut, simply select it and press Delete on your keyboard.

TO CLOSE A LAUNCHED PROGRAM



1. Select a launched program that you want to close on the list.
2. Select whether you want to allow students to save their work before the program is closed.
3. Click on the **Close** button to close the selected program or click on the **Close all** button to close all launched programs

SHOW STUDENT APPLICATION

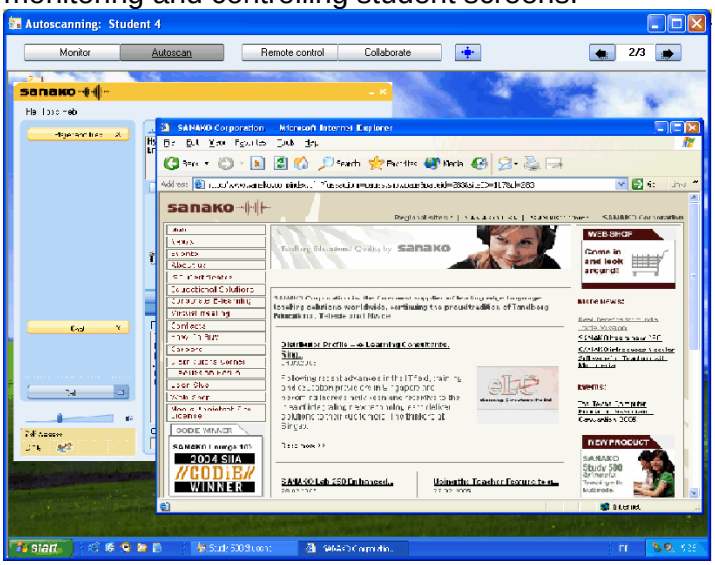
Clicking this button will either show or hide the student applications on the student screens.

DISABLE INTERNET

Selecting **Disable Internet** prevents the students from opening and using Web browsers on the student workstations.

SCREEN CONTROL WINDOW

The screen control window has all the functions for monitoring and controlling student screens.



Select a screen control mode with the buttons on top of the screen.

MONITOR

View the selected student screen and listen to the student.

AUTOSCAN

Autoscan automatically changes monitoring from one student to the next after a set period of time.

REMOTE CONTROL

Control the currently displayed student screen with your mouse and keyboard, for example, to help the student with a task. The student's mouse and keyboard are locked during Remote Control.

COLLABORATE

Control the currently displayed student screen with your mouse and keyboard simultaneously with the student, for example, to instruct the student in the use of an application. Both you and the student will move the same mouse pointer.

FIT STUDENT SCREEN TO SCREEN CONTROL WINDOW

Clicking on this button will fit the monitored student screen into the screen control window.

NEXT / PREVIOUS STUDENT SCREEN

Use the arrow buttons to change to the next or previous student screen.

WEB BROWSER

The Study 500 Web browser contains all the functions of a standard browser, as well as additional features that allow you to control students' navigation.

The tutor's Web browser

BROWSER CONTROL BUTTONS

Back moves back to the last visited Web page.

Forward moves to the page you viewed before clicking the Back button.

Stop stops opening and loading a Web page.

Refresh gets the latest version of a currently viewed Web page. If a page cannot be displayed, you may try to reload it by clicking Refresh.

Home moves to the default home page.

Search launches an Internet search page.

Print prints the current web page.

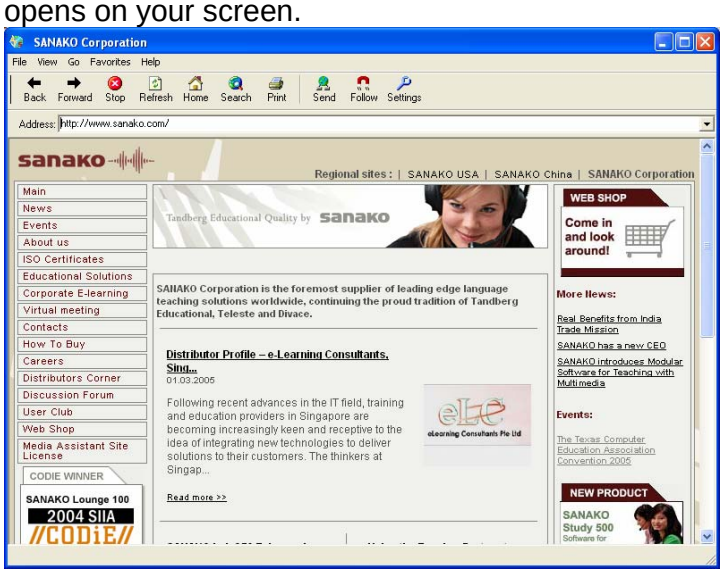
Send opens student browsers on the Web page you currently have open. For more information see the *To open Web browsers for* students part later in this section.

Follow makes student browsers follow your navigation. For more information see *Follow mode* later in this section.

Settings allows you to block pop-up windows and to show or hide the toolbar on student browsers

TO OPEN WEB BROWSERS FOR STUDENTS

1. You can open the Web browser for all students (Function buttons; button), for a session (Function buttons; icon) or for a single student (Click a student icon)
2. Select one of the above. The tutor's Web browser opens on your screen.



The tutor's Web browser

3. Go to the Web page you want student browsers to open.

4. Click **Send**. Web browsers will now open on student screens.

Student Web browser

FOLLOW MODE

In the Follow mode, students' browsers will display the Web site that is open on the teacher's browser. The students are only able to follow your navigation as the control buttons are hidden from their browsers.

Student browser in Follow mode

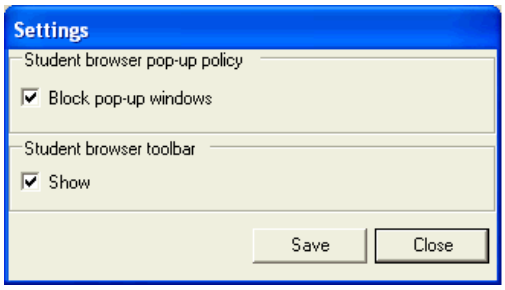
This allows you to browse the web and present material while student browsers follow your navigation. Once the

presentation is over, you can let students continue with independent study.

To Enable / Disable the Follow mode, click on the **Follow** button.

SETTINGS

Settings allows you to block pop-up windows and show or hide the toolbar on student browsers.



Blocking pop-up windows prevents any additional and unnecessary windows from opening automatically when a student opens a Web page.

Hiding the toolbar on student browsers is useful when you want students to concentrate on the current Web page instead of browsing elsewhere.

ACTIVITIES

GENERAL PROCEDURE

Study 500 has seven pre-set learning activities that form the basis for teaching with Study 500. The Activity view only displays the options that are relevant to the currently selected activity.

To start an activity for a session

1. Select a session

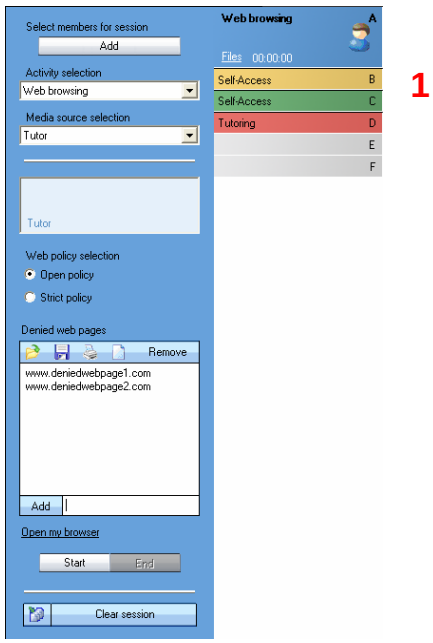
2. Add students to a session

3. Select an activity

4. Select a Media source

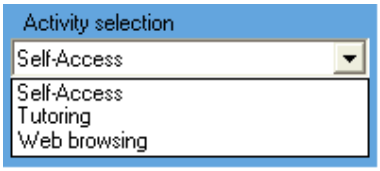
5. Activity specific settings

6. Start / End activity



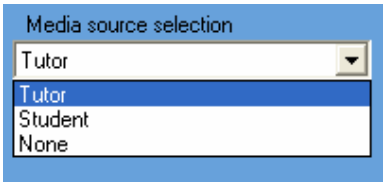
ACTIVITY SELECTION

First of all, select an activity that you want to start for the current session.



MEDIA SOURCE SELECTION

The Media source is what the session hears during an activity. In Tutoring, the Media source's screen is also transferred to the students.



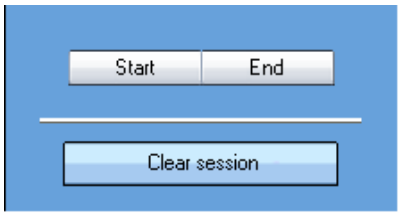
Tutor – You can talk to the students during the activity.

Student – A selected student can talk to the others during the activity.
If you select Student as the media source, you need to then click on a student icon to select the source student.

None – The activity will be run without a media source.

Note: The Self-access activity does not have Media source selection.

ACTIVITY CONTROLS



Start – Starts the selected activity and plays the Media source to students

End – Ends the activity. The media source is stopped and student players are set to free.
If the media source was a file, the file will remain in the student players and they can listen to it again.

Clear session – Clears all the settings and switches back to Self-Access.

SELF-ACCESS

In the Self-access activity, students have free access to use their workstations and the Study 500 Student application. If no other activity is selected, the students are always in Self-Access. You can still use all the Study 500 functions to communicate with and control the students if needed.

TUTORING

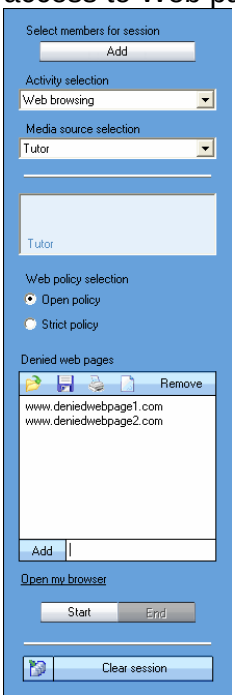
In the Tutoring activity, the screen of the media source is transferred to the session and the source can also talk to the others. You can either select yourself or one of the students as the media source.

If you select Tutor as the media source, the Study 500 Tutor application is minimized to the taskbar, allowing you to instruct students using any applications that are on the teacher computer.

If you select Student as the media source, you can also select whether you want to view the student screen during the activity.

WEB BROWSING

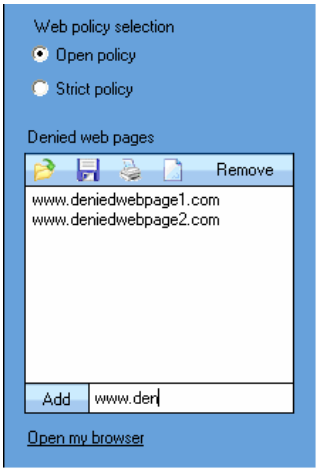
Starting the Web browsing activity launches Internet Explorer browsers on student workstations. You can set limits to their access to Web pages.



WEB POLICIES: STRICT AND OPEN

Open – students are able to access all Web sites, except the ones on the list.

Strict – students are only able to access the Web sites on the list.



To add an address to the list, type or copy it to the field at the bottom and click **Add**.

To remove an address from the list, select the address and click **Remove**.

LOAD / SAVE / PRINT / CLEAR ADDRESSES

Click on the icons to:

Load a previously saved file of denied / allowed addresses

Save the current list of addresses for later use

Print the current list of addresses

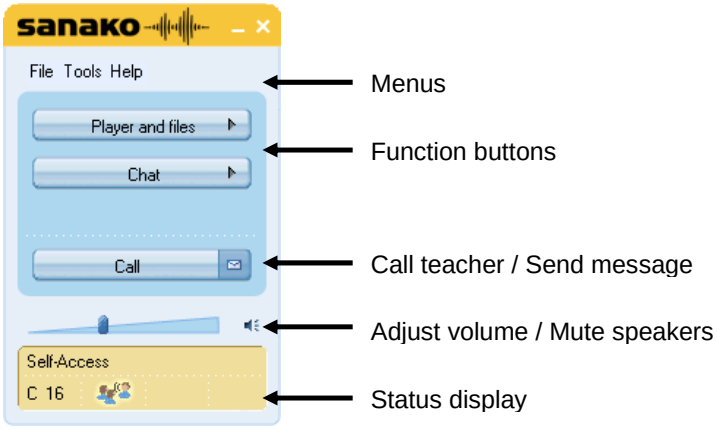
Clear the list of addresses

OPEN MY BROWSER

This opens the tutor Web browser, with which you can take control of the student browsers.

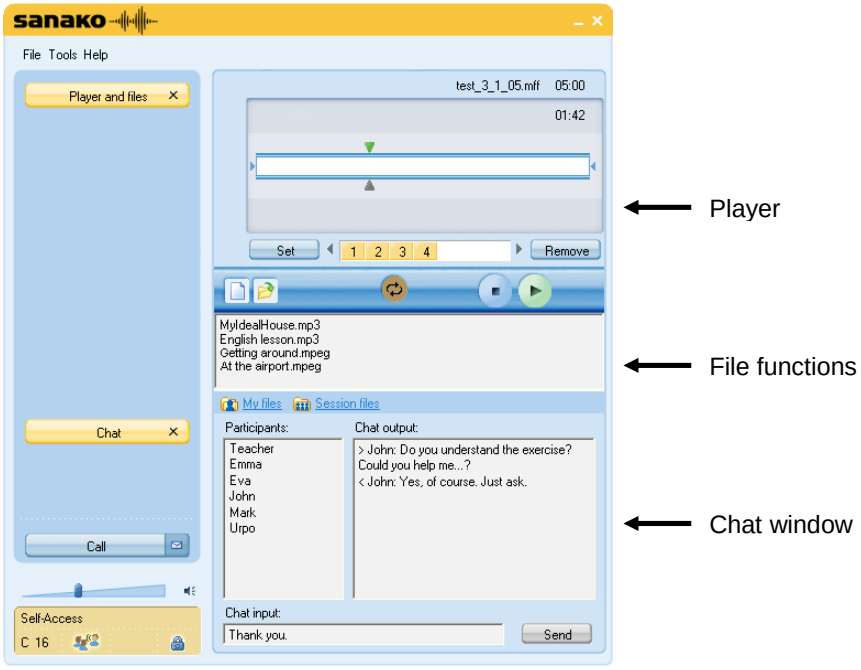
STUDY 500 STUDENT APPLICATION

COMPONENTS OF THE STUDY 500 STUDENT APPLICATION



SANAKO Study 500 Student interface

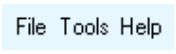
The function buttons (**Player and files** and **Chat**) open new windows on the interface.



SANAKO Study 500 Student interface with the Media Player and Chat windows

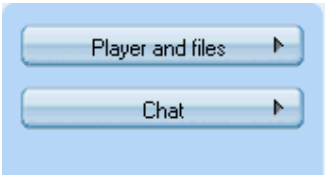
Below, you will find short presentations of the components of the Study 500 student interface, each of which will be explained in more detail later in this guide.

MENUS



The three menus of Study 500 Student give you access to file functions, settings and preferences, and to online help.

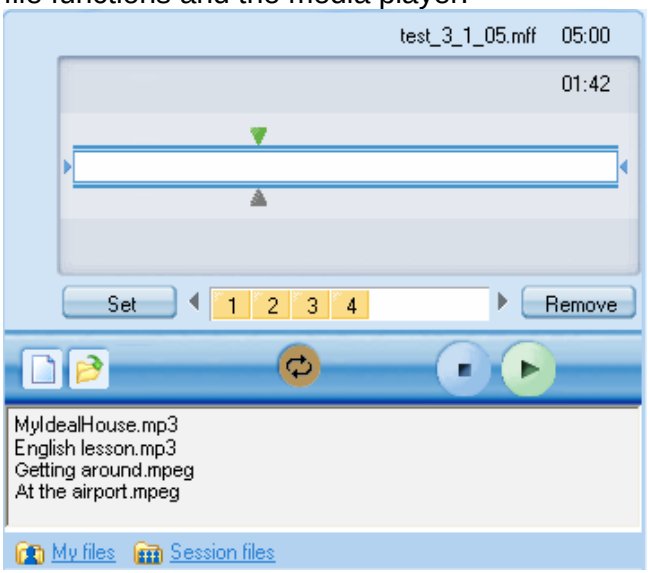
FUNCTION BUTTONS



As shown above, the **Player and files** and **Chat** buttons open new windows on the interface, in which these features can be controlled.

PLAYER AND FILES

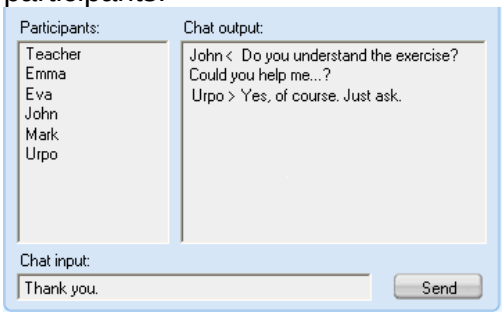
Clicking **Player and files** opens a window that contains all file functions and the media player.



For more information on file functions and using the player, see the *Player and Files* section later in this guide.

CHAT

The Chat function can be enabled or disabled by the teacher. When enabled, clicking **Chat** opens a window displaying the chat room of the student's session and the other chat participants.



For more information on the Chat function, see the *Chat* section later in this guide.

VOLUME ADJUSTMENT

To adjust your speaker volume, move the slider.

To mute your speakers entirely, click the speaker icon next to the slider.

STATUS DISPLAY

The field at the lower left corner of the Student application displays your current status:

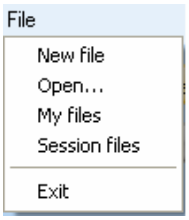
Listening comprehension the current activity set by the Tutor

A 12 your current session and position number

you have been set as a model student. This means that your screen is shared to the other students and you can talk to them.

the lock symbol indicates whether your player controls are locked or free

FILE FUNCTIONS



New file – Clear the Player. The current file is removed from the Player.

Open – Open a file. A browsing window opens allowing you to browse for the file.

My files – Display the files in your personal file area

Session files – Display the files in your session's file area

Exit – Exit SANAKO Study 500 Student

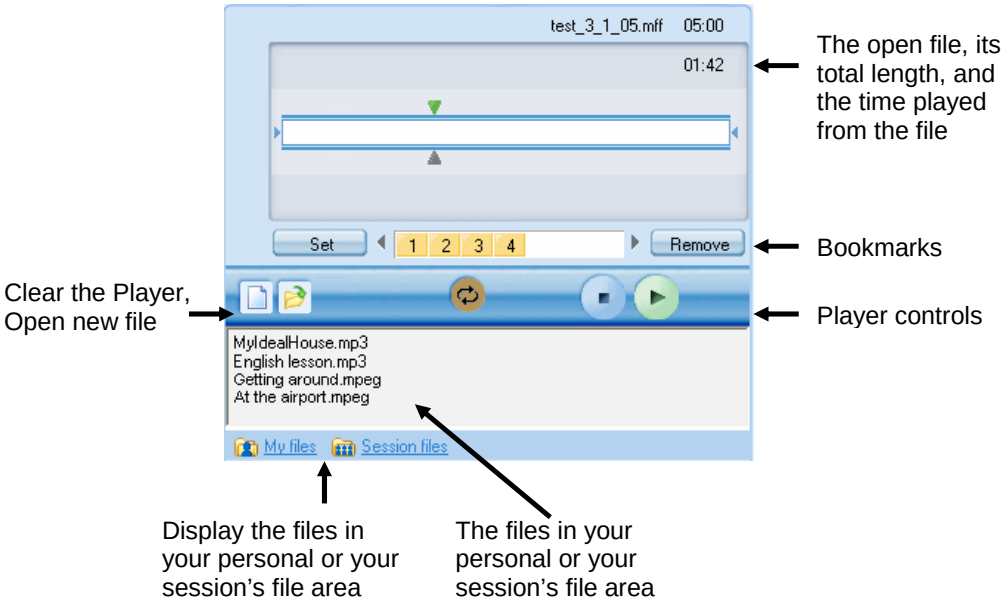
Note: All of the file functions are also available in the Study 500 Player.

GETTING HELP

The **Help** menu in the Student application allows you to access an online help file for Study 500 and to view version information on your Study 500 Student application

PLAYER AND FILES

Clicking the **Player and files** button opens the Study 500 Player that you can use to play back media files in commonly found formats, such as WAV, AVI, MP3, as well as in SANAKO's own file formats MFF and MAA. This allows you to also use material created with the SANAKO Authoring tool, Lab 300, and Media Assistant.



FILE FUNCTIONS

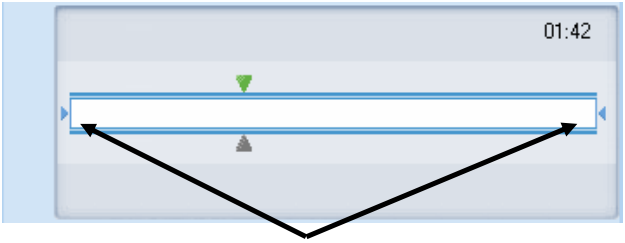
New – Clear the Player. This will close the currently open file and remove all bookmarks.

Open – Open a media file for the Player. This opens a dialog in which you can browse for a file.

My files Session files

My files – Display the files in your own personal file area. All students have personal file areas where they can store files for themselves.
Session files – Display the files in your session's file area. Each session has its own file area.

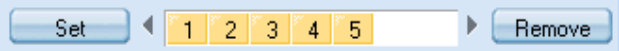
TRACK DISPLAY



Isolate a segment to
be played separately.

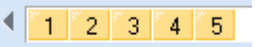
To isolate a segment of the media file to be played separately move the small tabulators at each end of the track display by holding your mouse button down over them.

BOOKMARKS



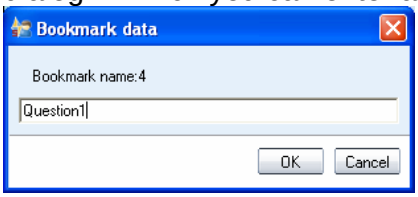
Bookmarks allow you to mark places to return to in the program. Clicking a set bookmark will start playing from the selected place.

To set a bookmark, click **Set**. This will add a mark in the numerical order.



To clear unwanted bookmarks, click **Remove** and then the appropriate bookmark.

To name a bookmark, right-click the bookmark to open a dialog in which you can enter a name for the bookmark.



The bookmark name is then displayed as a tooltip when you move the mouse pointer over the bookmark

PLAYER CONTROLS

Play – Plays the open file.

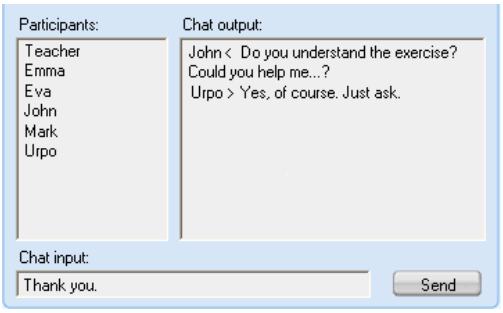
Pause – Pauses the file. When a file is being played, the **Play** button turns into **Pause**.

Stop – Stops the file.

Repeat – Repeats the selected segment or entire file.

CHAT

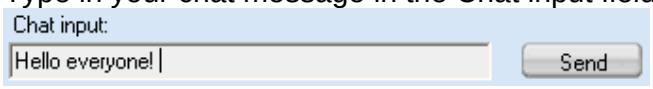
The teacher can enable and disable the Chat function for the students. When enabled, clicking **Chat** will open the Chat window.



All sessions have their own chat rooms in Study 500. The Chat window displays the chat history and participants of the session you are currently in.

TO SEND A CHAT MESSAGE:

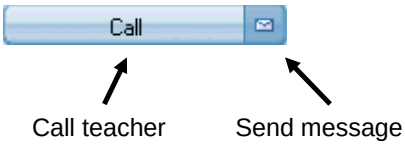
1. Type in your chat message in the Chat input field



2. Click **Send**. Your chat message is displayed in the Chat output window.

CALL TEACHER / SEND MESSAGE

Whenever students need to communicate with the teacher, they can either call the teacher or send a written message.

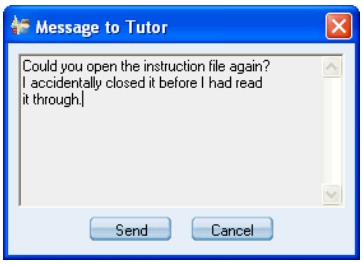


TO CALL THE TEACHER

1. Click the **Call** button.
2. The teacher screen will now display a question mark on top of your student icon, indicating that you want to talk with the teacher.

TO SEND A MESSAGE TO THE TEACHER

1. Click the **Message** icon . This opens a Message window.



2. Type in your message.
3. Click **Send**, the message will be displayed on the teacher screen.

WEB BROWSER

The teacher can launch Web Browsers for the students at any time and has the possibility of controlling students' navigation.

TEACHER CONTROL

If the teacher sets the student browsers into Follow mode, student browsers will only display the page that is open on the teacher's browser. Students are also unable to navigate as their control buttons are grayed.

The teacher can also set limits to students' navigation by defining allowed and denied Web pages.

LOCKING

The teacher can use different locking options in order to draw the students' attention to the current task.

Locked student screen with an open application

If the teacher has locked your PC, your screen is blacked out and you can only view files and applications that the teacher opens.

If the teacher has locked your screen, it is blacked out but you can still use your mouse and keyboard to work with the files and applications that the teacher opens.

If the teacher has locked your mouse and keyboard, you can see your own screen, but cannot use your mouse and keyboard.

EXTENSION MODULES FOR SANAKO STUDY 500

SANAKO Study extension modules enhance teaching and learning effectiveness and provide instructors with a powerful array of new teaching tools.

Note: The extension modules presented below are available with the purchase of a separate extension module license for each module.

SANAKO STUDY ADMIN MODULE

SANAKO Study Admin Module facilitates the smooth and effortless functioning of the SANAKO Study software teaching environments. This useful tool helps system and network administrators support and guide teachers and students by providing the administrators a range of resources to monitor teaching and learning activity in the network. Additionally, the Admin module provides basic tools for diagnosis of common usage problems in the system.

The features in the Admin Module allow for a range of supervisory activities: system administrators can monitor student activity, view thumbnails, remote control or shut down workstations, as well as discuss with workstation users while handling and investigating issues. This allows an IT supervisor to manage class activity, useful in situations when a teacher may not be present, or to provide teachers with live remote support when needed.

The module will also provide system administrators with a general PC information overview on all workstations connected to the Crossroad. System administrators will be able to view a thorough listing of the current status and technical configuration of the Study applications on any workstation in the network, which can be helpful when identifying problems or performing troubleshooting actions.

SANAKO STUDY BLACKBOARD MODULE

The SANAKO Study Blackboard Module allows teachers and learners to instantly use Blackboard course materials in live, teacher-led learning situations, as well as in the asynchronous Blackboard learning environment.

The Study Blackboard module provides teachers with instant access to the Blackboard LMS by creating a “portal” in the Study software. By selecting this access point, the teacher opens a connection in the Blackboard server, which allows them to download files and other course material into the SANAKO Study file area for use in live classroom teaching.

In addition to collaboration in the classroom, students can continue practicing with the lesson material independently. Once the teacher has made material available for students through the Blackboard module, the students can access the lesson content individually for self-paced learning.

SANAKO STUDY CONTENT AUTHORING MODULE

SANAKO Study Content Authoring Module is an easy-to-use tool for creating varied and motivating multimedia teaching content. With the Content Authoring Module the teacher can combine text, images, audio and video in many different ways to create unique learning material for specific purposes. Teachers can maintain student interest and involvement by combining a variety of media in one learning activity.

The SANAKO Study Content Authoring Module software and license are included in the basic Study 500 package.

The content authoring software application provided by the Study Content Authoring module offers a variety of different media formats that teachers can easily incorporate into learning material. Once the content has been created, all the lesson materials can be saved as a single file making storage and usage of the material easy.

When creating learning material with the Content Authoring Module, the teacher first selects a media file to function as the basis of the content project and can then freely add other elements, such as images, audio files, video and subtitles. When adding different elements to the media file, the teacher define the exact point in the media file when each element is to be displayed to students, as well as add bookmarks that help to easily locate places in the file for quick review.

SANAKO STUDY EXAMINATION MODULE

The Examination Module is a valuable tool that simplifies the creation and administering of tests. The Examination Module includes a 6-step “wizard” application that assists and guides teachers in the creation of tests. The flexibility of the Examination Module allows teachers to easily vary the types of test questions and to edit any existing tests.

The Examination Wizard allows instructors to design any type of question to test a particular skill or student ability. Teachers may even set the time and outline instructions for tests before administering them, as well as preview entire exams.

The Examination Module provides important follow-up by generating test results for both student and teacher, allowing students to receive immediate feedback on their performance or the teacher may choose not to show the students their results immediately.

Students answer tests easily and conveniently using the SANAKO Exam Player and teachers use the regular activity selection procedure in the Study 500 to launch exam files for students. Students may also use the Exam player in stand-alone mode for additional exam practice or review.

SANAKO STUDY MOBILE MODULE (AVAILABLE IN UK ONLY)

SANAKO Study Mobile Module allows teachers and students to participate in a SANAKO Study live learning session through Nokia N810 Internet Tablets. The handheld Nokia devices allow teachers and students to extend the learning environment to home and on the move.

The Nokia N810 Internet Tablets pack all the features of a PC into a pocket-sized device with Internet connectivity and come with pre-installed SANAKO Study software. The Study Mobile Module allows the teacher to focus students within an interactive learning environment regardless of the students’ physical location.

The Study Mobile Module features include student screen locking to keep learners on task, voice and text communication for guidance and instant feedback, teacher-controlled Web browsing, student thumbnails and screen monitoring, and grouping for collaboration and interaction.

SANAKO STUDY VOTING MODULE

The Voting Module provides teachers with a quick snapshot of student understanding of a given subject, allowing them to immediately correct mistakes and misconceptions. It helps support effective instruction and ultimately improves learning outcomes. The Voting Module adds two new buttons to the Study interface, Live feedback and Voting.

With the Live feedback feature, students can let teachers know if they are following the lesson or if they are having difficulty, which helps the teacher match the teaching speed with the students skill level.

The Voting feature allows teachers to run on-the-spot queries to determine student engagement and to test students' understanding of the subject through multiple choice questions.

SANAKO STUDY VIDEO STREAMING MODULE

The SANAKO Study Video Streaming Module enables teachers to stream video from a variety of analog sources, including DVD and VHS players, or from media files directly to students.

The module consists of a SANAKO video streaming hardware server with SANAKO software, and a simple browser interface for administration and video stream management. The SANAKO Video Streaming Module is ready to be used once the video streamer is installed on the LAN, and one or more video sources are cabled to the video streamer.

The module allows teachers to display video to students, or to simultaneously send the video material, digitize it and then save the video content as a media file for future use. The teacher can launch a video stream to student screens with a simple click of a Video Stream button in the SANAKO Study interface, or by selecting it as a media source in language learning activities.

Note: The SANAKO Study Video Streaming Module requires Quicktime 7.0.3 or later.

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