### **STUDY SPLITTER**

MANUAL

SCHÄF SYSTEMTECHNIK GMBH – LAST CHANGE: 04/2009

### **Installation:**

🖟 StudySplitter	
Welcome to the StudySplitter Setup Wizard	
The installer will guide you through the steps required to install StudySplitte	er on your computer.
Click "Next" to continue.	
WARNING: This computer program is protected by copyright law and inter Unauthorized duplication or distribution of this program, or any portion of it, civil or criminal penalties, and will be prosecuted to the maximum extent po	. may result in severe
Cancel Previous	Next

- click Next

elect In:	<sup>ter</sup> stallation Folder	
		620
The installer	will install StudySplitter in the following folder.	1.121
To install in th below or click	his folder, click "Next". To install to a different new or exis k "Browse".	ting folder, enter one
<u>F</u> older:	C:\Programme\StudySplitter\	Browse
-	all the software on the following drives:	Disk Siz
You can insta Volume	all the software on the following dri <u>v</u> es:	Disk Size 48GF
Volume	all the software on the following drives:	
Volume	all the software on the following drives:	48GE
Volume		48GE 100GE

select the installation folder for the Study-Splitter
click **Next**

🔀 StudySplitter		
Installing StudySplitter		
StudySplitter is being installed.		
(**************		
	Cancel	Previous Next

👹 StudySplitter	
Installation Complete	
StudySplitter has been sucessfully installed.	
Click "Close" to exit.	
Cancel Previo	us Close

- the installation is finished

- click Close

### **Configuration:**



- click **Settings**. The settings window will appear.

Local Port:	Local AET:	
1234	StudySplitter	

- fill the fields with your Port and Local AET.

<u>Port:</u>	The local TCP / IP port number of the DICOM connection.				
Local AET:	Setup the <b>Application Entity Title (AET)</b> with the STUDY - SPLITTER identifies itself at other Dicom nodes.				
<u>Alias:</u>	Is a user specificated name for the remote node.				
<u>Add:</u>	Select to add a new remote node.				
Save:	Select to save the changes of the selected node.				
<u>Delete:</u>	Select to delete the selected node.				
Alias:		Remote Node / IP:			
MediStore2000	D	10.254.254.252			
Remote AET:		Remote Port:			
MediStore2000	D	1111			
Default	Save	Add Delete			

- fill the fields with your data and click **Default** to set **Alias**, **Remote AET**, **Remote Node** / **IP** and **Remote Port** as default settings

#### SQL – Server Connection:

(If you have **only one** database)

-Database - Server	r / Language			
Server - IP(s):	10.254.254.252			
Direct SQL -	Server connection	Language:	English	*

- enter the SQL-Server-IP
- select the check box next to Direct SQL Server connection

#### OR

(If you have more than one databases)

Database - Server / Language					
Server - IP(s):	10.254.254.252;10.254	.254.79			
Direct SQL -	Server connection	Language:	English	~	

- enter the SQL-Server-IP addresses (separated with ";")

- do not select the check box next to Direct SQL - Server connection

# Search - Function: For searching a study



- click **Search Study**. The search window will appear.

Patient - ID:	Studydate:	Sex:	Date of birth:
Surname:	Name:		
Study Description	[		Search

- fill the fields with your search criteria

#### - click Search

Study-Splitter	: Search									×
Patient - ID:			Studydate:	Sex:	Date of birth:					
x3749			15.04.2009 💌	~	15.04.200	9 🔽				
Surname:			Name:							
Study Descripti	on									
					Sear	:h				
Studydate		Patient ID	Na	ame	Sex	Date of bir	th Time		Study Description	
22.10.2008	x3749		James Musterman	n	М	12.03.200	8 15:10:00	N/A		
22.10.2008	x3749		Max Mustermann		М	12.03.200	8 15:10:00	N/A		
22.10.2008	x3749		Peter Mustermann		М	12.03.200	8 15:10:00			

- double-click the list entry to retrieve this study into a new window

### Mark / Unmark Images:

Mark Image:

- select the image

Mark more images:

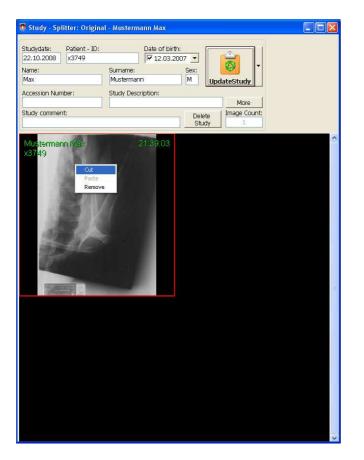
- press CTRL Key
  hold down the CTRL Key and click on the image

Unmark:

- press CTRL Key
- hold down the CTRL Key and click on the marked image

### Split study with "Cut & Paste":

Moving images into another study window



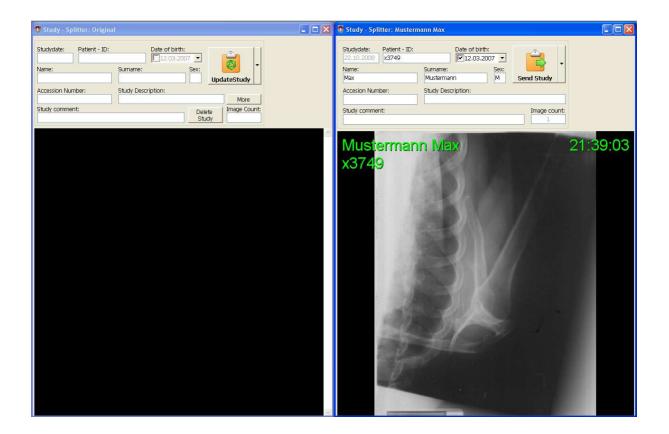
- select the image (right mouse button)

- select **Cut** (left mouse button)

(If you want to select more images then press CRTL and select the images with the left mousebutton)

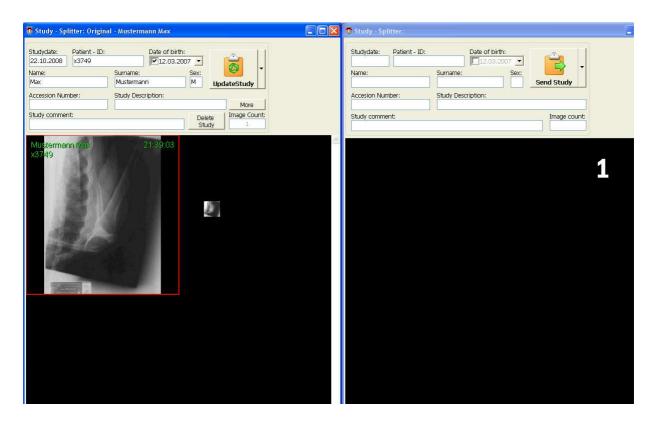
🦉 Study - Splitter: Original - Mustermann Max	🕽 🛡 Study - Splitter:	
Studydate:       Patent - ID:       Date of birth:         22.10.2008       x3749       12.03.2007         Name:       Summer:       Sex:         Max       Mustermann       M         Accession Number:       Study Description:       More         Study comment:       Delete       Image Count:         Study comment:       21:39:03         x3749       21:39:03	Studydate: Patient - ID: Date of birth: Name: Surname: Set: Set: Send Study Accesion Number: Study Description: Study comment: Image count	
5/3749	Cut Paste Removo	1

- click into the empty study window (1) (right mouse button) select **Paste** (left mouse button)



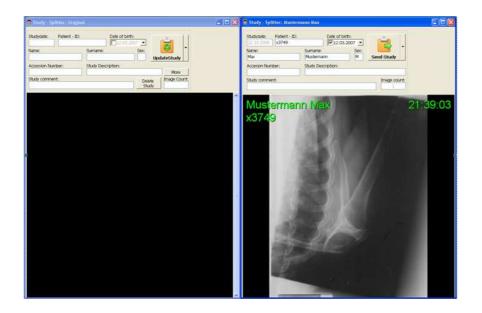
### Split study with "Drag & Drop":

Moving images into another study window



Click and hold the image you want to move, and drag-and-drop it to the new study.

(If you want to select more images, press CRTL and select the images with the left mousebutton)



# Send a study to the archive: Saving a study / generating new study



- correct the patient information

Studydate:         Patient - ID:           22.10.2008         x3749	Date of t		
Name:	Surname:	Sex:	
Max	Mustermann	м	Send Study
Accesion Number:	Study Description:		
Study comment:			Image count:

- click Send Study

### <u>Update the original study:</u>

Studydate: Patient - ID 22.10.2008 x3749	: Date of t		
Name: Max	Surname: Mustermann	Sex: M	UpdateStudy
Accession Number:	Study Description:		More
Study comment:		Delet Stuc	

- change the patient information

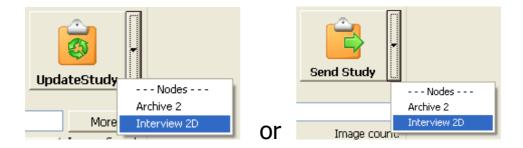
Studydate: 22.10.2008	Patient - ID: x3749		Date of birth:			ŵ	
Name: Max		Surname: Mustermar	าท	Sex: M	Upd	ateStudy	-
Accession Num	ber:	Study Desc	ription:			More	
Study commen	t:			Dele Stud	1	Image Cou	ınt:

- click Update Study

### Sending studies to not default nodes:

If you want to send the study to another node as the "default node" then you can select one of the popupmenu options.

(You can see all configured nodes in the popupmenu)



With the left mouse button

- click the button with the  $\sim$  Symbol
- select the node

#### Note:

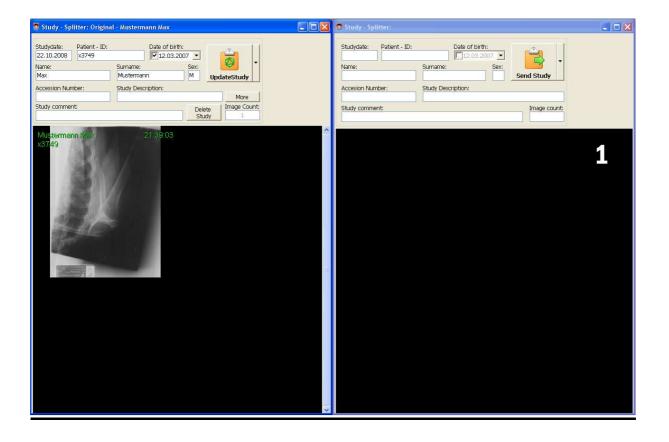
If you send a study to a not default node then the original study will not be changed.

### New Study:

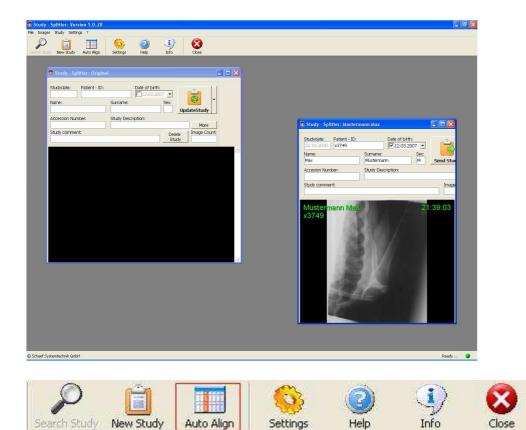
For creating new empty study window (1)



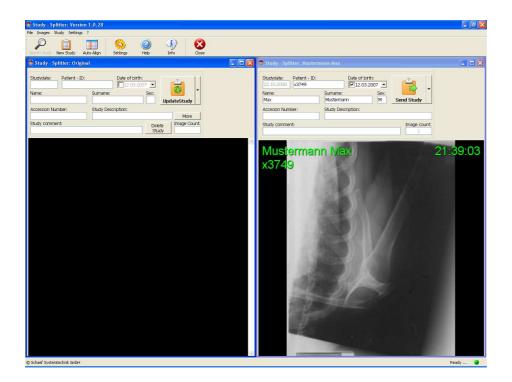
- click New Study



Auto Align: Aligning the studies to fit the screen



- click Auto Align



# Remove Images: Removing images from a study

	ıl - Mustermann Max	
Studydate: Patient - ID: 22.10.2008 x3749 Name: Max	Date of birth: 12.03.2007 Surname: Mustermann M UpdateStudy	
Accession Number: Study comment:	Study Description: More Delete Study 1	
Mustermann Max x3749	21.39:03 Cut Paste Remove	

With the right mouse button

- select the image
- click **Remove** to remove the selected image(s)

(Press CRTL and select with the images (left mouse button) to remove more than one image)

# More - Button: For doing more changes

Studydate: 22.10.2008	Patient - ID: x3749		Date of birth:	)7 💌	ſ		
Name:		Surname:		Sex:		2	<b>   </b>
Max		Musterman	n	М	Upda	ateStudy	
Accession Num	ber:	Study Desc	ription:				
						More	
Study comment	t:			Dele	te	Image Cou	unt:
				Stu	dy	1	

- click More

🐨 More	X
Modality	от
Referring Physican	
Institution	
Station	
Symptom	
	Save Cancel

Select the check box next to the patient information (Modality, Station,  $\ldots$ ) to changes this value in **each image** of the study.

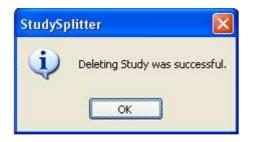
## Delete Study: For deleting a study

Studydate: 07.10.2004	Patient - ID: 0815		Date of birth:	12 🔽	ſ		
Name:		Surname:		Sex:		8	<b> </b>
Test		Test		0	Upda	ateStudy	
Accession Number: Study Desc			ription:				
		Request				More	
Study comment	t:			Dele	te	Image Cou	int:
				Stu	dy	1	

- click Delete Study



- click **Yes** to confirm.



The study is successfully deleted.