

# Lasernet 10.

Lasernet Client 10

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## 1 Introduction.

### 1.1 Who Should Use This Guide?

This guide is written for everyone who works with Lasernet.



## 2 Terms of Use.

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## **3 Lasernet Client**

### 3.1 Purpose

Lasernet includes an API, which gives third parties the ability to create custom solutions which can interact with the Job Engine and Job Database in Lasernet. As part of the upgraded suite of Lasernet products, the stand-alone client has been developed to take full advantage of the new API.

Together the API and Client now make it possible to view job queues and perform basic tasks such as: editing JobInfos, re-scheduling, searching, viewing and removing and releasing paused jobs.

You must ensure that your Lasernet Client and Lasernet Server versions are in sync. The Lasernet Client will only work if it is running the same version of the software as the Lasernet Server.

### 3.2 Client/server

#### 3.2.1 Getting started

Before you can retrieve paused, scheduled or failed jobs from the Lasernet Server, connect to a Lasernet Config Server.

Formpipe. Lasernet	- ×
Connect to Lasernet	
Server: 0 In-ocr-test.northeurope.doudapp.azure.com	X *
	Connect

Sign in with your credentials.



C Fo	<b>rmpipe.</b> sernet		-	×
	Sign in			
	Username			
	Password	Next Lasemet 10.2.0 (Build: 338)		
Back				

Select a server instance from the Lasernet server.

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		P	aused	3/7/2022 12:37:	28 PM	.Intxt	The Factory Invoid	æ No. 100147.pdf	

You can now view the jobs and metadata stored by the Lasernet Server.

**Note:** If you are running the Lasernet Client on a different machine to your Lasernet Server, please ensure that that the correct port number is open in your server's firewall.

#### Misc

The Misc settings contain various settings to control the behaviour for viewing documents in the Lasernet Client.



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lisc.						
'age size:	50 🗘	jobs.				
rompt user:	(Prompt u	user for confirma	tion when deletin	g or releasing	job)	
oll interval:	0 ‡	seconds (0 me	ans no polling).			
Reset layout						

Page size	Queues can contain thousands of jobs. Paging is used to limit how many jobs are actually retrieved and shown. Increasing the page size can severely reduce performance of both the Lasernet Server and the Lasernet Client.
Trust untrustedRoot	Activate to accept that self-singed certificates with an untrusted root are valid.
Prompt user	Activate (Default) to prompt user for confirmation when deleting or releasing job.
Reset layout	Will reset the layout of docked windows in the application and bring them back to their default position.



### 3.3 Overview

				U	asemet Client 1	Ö -			
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	FilenameWithoutExt				0 S	ales Invoice Electricity			
	- Friend and	75				-11			
		13						A.	18. C
Last updated: 31-08-2018 15:26:05									

The Lasernet Client has an intuitive interface for viewing and managing the jobs stored in Lasernet.

- 1. File menu containing basic commands for **Closing** the application, activating the **Preview Job** window and the **About** box.
- 2. Toolbar for upper (9) and lower (12) window. Add a new Job/JobInfo or **Remove** a selected Job(s). Select **Successful**, **Required** or **Failure** for validation of fields in upper (9) or lower (12) window.
- 3. Servers and added connection strings. Right click in the window to Add, Edit or Remove server from list.

Please notice: The Add and Remove buttons on the tool bar are only for managing queue jobs and cannot be used to add or remove servers from list.

- 4. Tree view showing only Queues containing jobs and how many jobs are stored in them.
- 5. The client has four main queues which can be viewed on the corresponding tabs. Depending on the job status the Archived queue can also be used to show successful jobs.

The queue types are:

- · Paused: Jobs which must be manually released (unpaused) by the user;
- Scheduled: Jobs which are awaiting automatic release at a predetermined time;
- **Successful**: Jobs which have been processed successfully. This queue will only show metadata but will not preview jobs. Queue is only visible if there are succeeded jobs in database.
- Failed: Jobs which have failed somewhere in Lasernet.



- Search: Search is not a queue type. Search works across all queue types and shows jobs independently of their status.
- **Printers**: Printers is not a queue type. It shows the Windows printer statuses for Lasernet Printer Output modules added to the Lasernet configuration on the connected server.
- 6. Toolbox for upper (9) window. Click JobInfos to show additional JobInfos (metadata), saved via JobInfo profiles in any Lasernet module. Click Lines to show additional JobInfos saved via Item Lines in the Lasernet OCR module. View opens the job in an application associated with the configured extension. Click Release as is to release the selected job from the selected queue. Click Destinations to select an alternative destination for the selected job (requires that an alternative destination has been configured for the selected job).
- 7. Type a **Keyword** to search for the value in any column and any queue. Keywords cannot be found in JobData.
- 8. Click **Refresh** to retrieve new jobs from server and update list view for jobs.
- 9. **Main window** contains jobs stored in the selected queue. The **Status** column will show queue type and additional columns will show names and values defined in the JobInfo Profile. JobInfo Profiles are configured in Lasernet Developer and activated when the job is stored. A field can have 5 different colors depending on the status type:
  - Standard Standard field if no special action is taken.
  - Selected The field is selected and actions in tool box can be taken.
  - Failure Field value has a failure and must be validated and corrected by the user.
  - E Tentative Field value is tentative and must be validated and corrected by the user.
  - Successfully Field value has been successfully validated by the system or the user.
- 10. Navigate to First, Previous, Next, Last or specific Page number.
- 11. The paging only works chronologically. It is not affected by how the view is sorted in the Lasernet Client. This means the first page will always contain the oldest jobs and the last page the newest jobs.
- 12. Toolbox for lower window. Click Close to close list of additional JobInfos or Lines for selected job.
- 13. If JobInfo mode is selected the **lower window** will contain columns for additional JobInfos (key column) including columns for alias name, index number, value and security settings (read/write).
  In Line mode, the toolbox for the lower panel will include a <sup>Q</sup> Unified</sup> button to change between mixed and grouped listings for line item types. Only Item Lines/fields extracted by the Lasernet OCR module will be listed in Line mode.
- 14. Activate View → Preview Job to show selected job in Preview window. The Lasernet Client is able to preview the following formats in the Preview window: PDF, XLS, XLSX, DOC, DOCX, RTF, TIF and XML. EMF/LnEMF can be previewed in PDF format if activated on server site.

The preview window is not guaranteed to be 100% accurate and compatible with the specifications for the listed formats. If you want to confirm that the job looks as expected you must open it in external application, like Microsoft Word, Microsoft Excel, Internet Explorer or Acrobat Reader. Ensure that the extension is associated with the mimetype/application and then double click on the selected job to open it.

15. Click Add button in Preview window to add additional attachments to paused or scheduled jobs.



0	Adobe Invoice N	io. 070	9345	831.pt	df	* 100 all 11 1 224 236 24 24 24 24 24 24 24	^
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Click **JobData** tab to view the primary stored job and click **Save** to store a copy in a folder. Select other tabs to view or save each attachment stored with the primary job. Supported viewing formats are Word, Excel, TEXT, PDF, XML and TIFF. Select the attachment and click **Remove** button to delete it. The attachment will no longer be attached to the primary job and cannot be restored again. Attachments added <u>manually</u> by a user in Lasernet Client and released to the server, are added by the system to the following JobInfos:

```
Added JobInfo MailAttachment[0] = [binary data (26771)]
Added JobInfo MailAttachmentFileName[0] = Adobe Invoice No. 0709345831.pdf
Added JobInfo MailAttachmentMimeType[0] = application/pdf
```

16. The bandings contain a group of JobInfos. The first group named 'Lasernet' contains the system information for the number of attachments, job status and a timestamp for the job. It has a fixed color defined by system. User defined colors can be configured for other groups of JobInfos that all belong to a JobInfo Profile. The color for each JobInfo Profiles are maintained in the Lasernet Developer → JobInfo Profiles → General tab.

	JobInfo Profile Properties	×
<b>CO</b> #		
General Setup	JobInfo Profile	
Color:	PMS514 *	
Description:	Optional	
Created date:	11-06-2018 14:42:01	
Modified date:	31-08-2018 15:22:02	
Created by:	admin	
Modified by:	admin	
		Qk Cancel



#### 3.3.1 Paused Jobs

Pausing is usually added to verify that the output from a module looks correct before releasing it to its output destination(s).

Paused jobs require manual release (unpausing) by a user before they can continue. Jobs can be paused at any level in Lasernet:

- Input Modules and Engines: Pausing is done on the output side of the module.
- Output Modules: Pausing is done on the input side of the module.

Printing devices can also be paused so that all jobs passed to them are held, regardless of where they are sent from.

It is possible to use JobInfo criteria to determine if a job is paused or not.

						PDF	Properties						×
General Setu	p Scheduling		Pause De	estinations	H Pre JobInfos	Post JobInfos	Connections	Enter Modifiers	Exit Modifiers	Job Events	R Job Tracking	Security	
✓ Paused Criteria for p	Dausing Job:												
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Input Grab	Combine	Pre Jo	bInfos Ent	ter Modifiers	Processing	Job Events	Post JobIn	fos Exit Modifier	rs Output Gra	Pause	Sch	edule D	estinations <u>C</u> ancel

When a paused job is released by a user it is passed to the job destination(s) specified in the module. It is possible to mark a pre-defined destination as an 'Alternative'. Alternative destinations are skipped unless the Lasernet Client user specifically chooses to release a job to them.



/irtual:		
Active:	V	
estination:	PDF Archive	-
escription:	Optional	
Iternative:	V	

When a module (queue) is paused or scheduled, job tracking becomes available.

#### 3.3.2 Scheduled Jobs

Unlike paused jobs, scheduled jobs are automatically released by the system from their paused state after a specified period. Alternative destinations are not configurable for scheduled jobs.

#### 3.3.3 Succeeded Jobs

This queue is visible as soon as Lasernet successfully processes any jobs. Only metadata is stored for successful jobs, therefore there is no data to preview.

						asemet Client 10				- 0	×
: <u>F</u> ile <u>V</u> iew <u>H</u> elp											
: 💽 Add 🤤 Remove 🛛 赛	Successful (F6)	Required	(F7) 🏾 ¥ Failure (	F8)							
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	Lasernet				JobInfo Profil	e					
	Attach	Status	Date	Extension	ID	Name	Form Date				
	→	Done	31-08-2018 16:05	59 .xml	30000 SO-100188	John Haddock Insurance Co.	19-01-16				
		Done	51 00 2010 10107	oo ibai	50 100 100	aparton minicadica	1101 2010				
Tools											
Succeeded	-										
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A Workflow     Economic (1)											
V PDF Archive											
Economic (1)											
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Q Search											
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Failed	1										
Printers											
-			2								
***	: Page 1 of 1	E First	Previous 🖬 N	ext 🔟 Last	Page 1	10 -					
Last updated: 31-08-2018 16:07:02											

The server automatically maintains the Succeeded Job queue and as such you cannot manually remove jobs from it. However, you can define the period of time the server should keep successful jobs in the database for, before removing them.



#### 3.3.4 Failed Jobs

If a job has failed in Lasernet it is often because communication cannot be established between an output module and the external environment (e.g. an email server). You can retry a failed job by selecting the queue or jobs you want to release and then click Release as is. Lasernet will process the job again from the same state as where the job failed and try to re-connect and send the job again.

: File View Heln						Lasemet Clie	nt 10						
: 🖸 Add 😑 Remove	🗿 Succ	essful (	F6) 💈	Required (F7)	Fail	ure (F8)							
Servers		🚺 Joi	bįnfos 🎯	Lines 📕 Pre	ziew	Release as is		× • C Refresh	Previe	w		*	×
Default (FP-88-TOPE:8080)	Dra	ag a colu	ımn header H	nere to group by t	hat colum	n			: 0	Add Save 🖨 Remov	re 🔫		
		Lasen	net						-			-	-
		0	Status	Date	1	Reason	Extension		L'	The Factory			
	-		Failed	11-09-2018	14:10:05	Unable to send data to \\Localhost	.pdf		M		Invoice		
			Failed	11-09-2018	14:20:16	Unable to send data to \\Localhost	.pdf		0	TS Purchase of Strate of Story	Don Salar ander Beglieben	Kerest.	- 82
Tools											Garnel Reven Reven Reven Reps	No. 1000	. 8
Failed										ternenter Deutyster	Durity Die Diajsta	Anazza	
Queues										LB-00 Lankyater, Owny 1331 LB-0 Dates to Lankyaters LB-15 Lankyater, Owny 721/	100 Na 12000 1000 San 0100 100 Na 3000	08.00 0.100 78.00	
<ul> <li>Meta Output</li> <li>Meta Output</li> <li>Meta Output</li> <li>Meta Output</li> <li>Kone&gt; (2)</li> </ul>						Release Job(s) As Is Are you sure you wish to release Yes	selected Job(s) as	× sia?		<ul> <li>Antibus Antibus A</li></ul>	102         Rat.         402           102         Rat.         10210           103         Rat.         10210           104         Rat.         10200           105         Rat.         10200           106         Rat.         10200           108         Rat.         10200	1012 0124 0125 0126 0126 0126 0126 0126 0126 0126 0126	
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	1	Page	l of 1 📰	First 🔟 Pre	vious	🖸 Next 🚺 Last Page	1			4			- P -

If the job is successful, it will be registered as a succeeded job and will be removed from the failed job queue.

Alternatively, click 'Remove' to delete jobs from the failed job queue.

#### 3.3.5 JobInfo Profiles

JobInfo profiles can be used to display a list of relevant JobInfos in the Lasernet Client. Once configured, the key data is shown in columns for the job. JobInfo profiles can be used to show useful information such as invoice numbers or names and email addresses of clients, etc.





		JobIr	nfo Profile Properties	
General	Criteria	Validation		
Active:	~			
JobInfo:	DBNo			•
Lasernet	Client + Archi	/e		
Alias:	Number			
<u>T</u> ype:	<ul> <li>String (er</li> <li>Integer (</li> <li>DateTime</li> </ul>	erything but integers and dates) numbers only) (dates)		
Lasernet	Client	r 🖲 Ifdata 🔿 Always		

JobInfos do not always contain user friendly names, therefore it is possible to specify an alias if desired. The alias will show as a column name in Lasernet Client when documents are listed in rows.

Two types of JobInfos are supported and handled, these are: String and Integer.

The 'Show' property specifies whether or not a JobInfo should be shown as a column in the Client. As all stored JobInfos are searchable, it is not always necessary or desirable to make them visible in the client.

The Criteria tab can be used so that only JobInfos matching specified conditions are stored.

#### 3.3.6 Job Tracking

When a module is configured to pause (Pause tab) or to use scheduling (Scheduling tab), it is possible to specify which JobInfos should be stored for viewing later in the Lasernet Client. Job tracking for Archiving is only selectable if archiving is activated and configured in the server database settings.

Job Tracking is achieved by first creating one or more JobInfo profiles and then mapping them to the module on the Job Tracking tab. More than one JobInfo profile can be added to the same queue and a JobInfo profile can be used on several different queues.

Job Tracking is available for a wide range of job events, like Paused, Scheduled, Succeeded, Archiving and Failed. It is possible to use different JobInfo profiles based on criteria for all event types.

## O Formpipe.

obinfo Profile						

	JobInfo Profile	Mapping Properties	×
General Crit	eria		
Active:	~		
JobInfo Profile:	JobInfo Profile	▼ <u>OA</u> dd 1	¢t <u>E</u> dit
Paused:	V		
Scheduled:			
Succeeded:	✓		
Failed:			
		Qk	Gancel

The image from the Lasernet Client below shows a sample scenario when using a JobInfo profile with a range of user defined JobInfos (metadata) for paused, succeeded and archived jobs.

							Lase	rnet Client 10	
: Elle <u>V</u> iew Help : 🖸 Add 😑 Remove	Succe	ssful (F6)	🖡 Required	l (F7) 🏾 🍍 Failure	(F8)				
Servers		🚻 Job <u>I</u> nfos	🕥 Lines	🛓 Pre <u>v</u> iew 🚺 🖸	<u>R</u> elea	ise as is 🛛 🖸	Destinations		
Default (FP-BB-TOPE:8080)	Dra	g a column hea	der here to g	roup by that column					
		Lasemet					JobInfo Profi	le	
		Ø Attach	Status	Date	ali	Extension	ID	Name	Form Date
	->		Paused	31-08-2018 16:05	5:59	.pdf	SO-100188	Sparrow Wholesales	14-01-2016
			Paused	31-08-2018 16:05	5:59	.pdf	30000	John Haddock Insurance Co.	19-01-16



### **3.4 Functions**

#### **3.4.1 Queues**

For each of the different queue types: paused, scheduled and failed, there is a tree of queues that contain jobs. If there are no jobs in a queue or the queue type is successful/archived, it is not displayed.

There are three queue levels in the tree:

- Top: Module type.
- · Middle: Module instance.
- Bottom: Instance grouped by the JobInfo FormType.



The higher you go in the tree; the more queues are covered and more jobs are shown.

The FormType JobInfo is a special JobInfo which is used to group jobs in a queue in separate lists. If no FormType is specified for a job, it will automatically be in the list called '<None>'.

FormType is stored by default, so a JobInfo profile does not need to be created to use this feature.

A popup menu is available for the queues when right-clicking;

```
Release as isRemove
```

It is possible to release all jobs at a selected tree level to their default destinations. Failed jobs are then retried.

It is also possible to remove all jobs from any queue at any selected tree level.

#### 3.4.2 Queue

The contents of the queue are shown on the right-hand side.

All stored JobInfos that are marked with 'Show' are shown as columns.

A range of actions are possible via the buttons or popup menu.

	Preview
٩	<u>U</u> se as keyword
۲	<u>R</u> elease as is
×	Destinations



#### 3.4.2.1 Add

A job can be added manually to the Web Server Input module specified during setup or to any other input module accepting jobs from the Lasernet Client.

Job				
Queue:	WebServer1 🗸	<u>J</u> obInfos:	Кеу	Value
<u>File:</u>	C:\Lasernet\test.xml	•••		
Cabadalada	20.04.2014.01:00		MailTo	john.doe@formpipe.com
Scheduled:	50-04-2014 01:00			
<u>O</u> K				

It is possible to add a list of JobInfos, with scheduling enabled, to the job.

#### 3.4.2.2 Remove

The job will be removed from the Queue.

Note: It is not possible to recover a removed job.

#### 3.4.2.3 JobInfos

All of the available JobInfos for a job are not always shown in the JobInfo profiles attached to a queue. It is possible however, to view these JobInfos through the JobInfos function. There are two choices:

- All: All the JobInfos are read from the actual job.
- Database: Only the JobInfos chosen to be stored via Job Tracking are shown.

Key 🚊	Alias	Index	<u>=</u>	Value	Read Only	
documentname			0	dn		
estate			0	test		
Extension			0	.Intxt	$\checkmark$	
FileCreated			0	2018-09-03 14:03:53.460		
FileLastModified			0	2015-01-21 14:35:48.442		
FileLastRead			0	2018-09-03 14:03:53.460		
Filename			0	tax.pdf		
FilenameWithoutExt			0	tax		
Filepath			0	C:\Lasernet\Input\		
FileRelativePath			0			

JobInfos that are marked as Read-Only in the JobInfo profile are not editable.

It is possible to add more JobInfos to the job or change the values of existing JobInfos.

Key:	MailSubject	Replace: 🗸	
Value:	Client demonstration		
<u>O</u> K			

**Note:** JobInfos with system status are only visible if you are logged with administrator rights in the Lasernet Client.

#### 3.4.2.4 View

The View action opens the job in the application associated with the file type specified in the JobInfo 'Extension'. The extension must be specified with a dot (.) in front, for example '.PDF' or '.LnEMF'.



LnEMF files are opened in the Lasernet Viewer (if installed).

#### 3.4.2.5 Use as keyword

This action copies the content of the cell to the keyword field and searches for it. This saves the user from manually copying or setting a value into the search field and searching.

#### 3.4.2.6 Release as is

This action instructs Lasernet to release the job for further processing. According to the status of the job the following actions will be performed on it:

- Paused: The job is sent to destination.
- Scheduled: The job is sent to destination immediately instead of when originally scheduled.
- Failed: The job is retried.

When releasing a paused job containing a <u>tentative</u> or <u>status</u> failure status field, the JobInfo **OCRValidated** will be set to **0** (false). The JobInfo can be used as a condition, in the Lasernet configuration, to define a special action for jobs containing tentative or failure fields. It is recommended that they are configured to be stored in the same queue again.

#### 3.4.3 Destinations

The destinations dialog allows the user to choose which destinations a job should be released to when pressing OK. This can be useful if a job is configured with multiple or alternative destinations.

		Destina	ations
elect Dest	tinations to Release Job(s)	to:	
Drag a co	lumn header here to group	by that column	
Release	Name	Description	Туре
	Account Department		🚪 Printer Output
$\checkmark$	SMTP Mail Server		📨 Mail Output
V	SHIP Mail Server		Mail Output
			OK Cancel

Default destinations are automatically checked and alternative destinations are unchecked.

#### 3.4.4 Reschedule

A scheduled job can be rescheduled to another date and time.

Schedule: 17-09-2018 02:00	
	-
Action: AtOnce Resche	dule

The reschedule action specifies what to do if the job cannot be released at the scheduled time because Lasernet is offline.

• AtOnce: The job is released when Lasernet comes online again.



• Reschedule: The job is rescheduled according to the rules of the module.

#### 3.4.5 Keyword

The list of jobs can be filtered by a keyword. The keyword is matched against the JobInfo values stored via job tracking.

When a keyword is used, only jobs which match this keyword are shown.

#### 3.4.6 Paging

Since Queues can contain thousands of jobs, paging is used to limit how many jobs are actually retrieved and shown.

To change how many jobs are shown on a page, edit Server Options and select Performance tab.

	Options 🗾
Client OCR Misc.	
Page size:	100 🗘 jobs.
Trust UntrustedRoot:	(Self-signed certificates with untrusted root are valid)
Prompt user:	(Prompt user for confirmation when deleting or releasing job)
	OK Cancel

**Note:** Increasing the page size can severely reduce performance of both the Lasernet service and the LasernetClient.

Below the list of jobs, there are controls for moving to another page.

: Page 1 of 1 💽 First 💽 Previous 💽 Next 🗉 Last Page 🛛 1 🗘 👻

- First: Jumps to the first page of jobs.
- Previous: Jumps to the previous page of jobs if not currently on the first page.
- Next: Jumps to the next page of jobs if not currently on the last page.
- Last: Jumps to the last page of jobs.
- Page: Jumps to a specific page.

#### 3.4.7 Search

Search is not a queue type. Search works across all queue types and shows jobs independently of their statuses. The status of the job determines which actions are possible.

It is not possible to search for a date, a status or a failure reason.



The most recent searches are shown on the left for easy access.

#### 3.4.8 Validation rules

If validation of JobInfos in a job is required it must be configured in the Lasernet Developer. In the validation tab for a JobInfo Profile you can define your validation rules for jobs and embed them for any module except the OCR module.

		JobInfo Profile Properties X
<b>60 #</b>		
General Setu	P	
lame	Alias	Inactive Criteria Show Writeable Validation
OBId	ID	lf data 🔲
DBName	Name	lf data 🔲
DBNo	Number	lf data 🔲
MailTo	Mail To	If data 🗹
DBDate	Form Date	lf data 🔲
		JobInfo Profile Properties
		Council Catala Validation
		Automatic (Data will be marked either as tentative (yellow), successful (green) or unsuccessful (red) validated based on settings below)
		Automatic (Data will be marked either as tentative (yellow), successful (green) or unsuccessful (red) validated based on settings below) Result:      Tentative (yellow)      Unsuccessful (red) Type:      Regular Expression      Script
		Automatic (Data will be marked either as tentative (yellow), successful (green) or unsuccessful (red) validated based on settings below)  Result: Tentative (yellow) Unsuccessful (red)  Type: Regular Expression Script  Reg.Ex:: [0:9]
		Automatic (Data will be marked either as tentative (yellow), successful (green) or unsuccessful (red) validated based on settings below)  Result: Tentative (yellow) Unsuccessful (red)  Type: Regular Expression Script  Reg.Ex.: [0-9]  Description: Optional
		Lytomatic (Data will be marked either as tentative (yellow), successful (green) or unsuccessful (red) validated based on settings below)  Result:      Tentative (yellow)      Unsuccessful (red)      Type:      Regular Expression      Script      Reg.Ex.:      [0-9]      Description:      Optional      Case Sensitive
		Automatic (Data will be marked either as tentative (yellow), successful (green) or unsuccessful (red) validated based on settings below)  Result:     Tentative (yellow)     Unsuccessful (red)      Type:     Regular Expression     Script      Res_E.s:     [0-9]     Description:     Optional      Case Sensitive     Greedy
		Automatic (Data will be marked either as tentative (yelow), successful (green) or unsuccessful (red) validated based on settings below)  Result: Tentative (yelow) Unsuccessful (red)  Type: Regular Expression Script  Reg.Ex.: [D-9]  Description: Optional  Case Gensitive  Greedy  Extended
		Automatic (Data will be marked either as tentative (yelow), successful (green) or unsuccessful (red) validated based on settings below)  Result: Tentative (yelow) Unsuccessful (red)  Type: Regular Expression Script  Reg.Ex: [0-9]  Description: Optional  Case Sensitive  Greedy  Extended  Dotal
		Automatic (Data will be marked either as tentative (yellow), successful (green) or unsuccessful (red) validated based on settings below)  Result: Tentative (yellow) ① Unsuccessful (red)  Type: ① Regular Expression ① Script  Reg.Ex: [0:9]  Description: Optional  Case Sensitive  Greedy  Extended  Dotal  Multime  Parameter: ABC  Text Result: Parameter does not match Regular Expression!
		Automatic (Data will be marked either as tentative (yelow), successful (green) or unsuccessful (red) validated based on settings below)  Result: Tentative (yelow) ① Unsuccessful (red) Type: ① Regular Expression ① Script  Reg.Ex: [0:9]  Description: Optional  Case Sensitive  Greedy  Extended  Dotal  Multime  Barameter: ABC  Itent Result: Parameter does not match Regular Expression

If you want to validate OCR fields, extracted by the OCR module, it is necessary to define the validation rules of each OCR field in the settings of the OCR Module.

eral Setup Paue I necto Fields Linear Marian Active: [ Alias:   Type:   Show: [ Validation: ] Term:	Destinations Pre Jobinfos is Identifiers UneQuantity (IneQuantity (IneQuantity) (IneQuantit	Post Jobinfos Connection Field (Data will not be validated) (Data will be marked as requirin tic (Data will be marked either Tentative (yellow)  • Unsu	ng manual validation ( as tentative (yellow), cccessful (red)	Exit Modifiers 2	bob Events Job Tr	Validation None None None	Type Number String String	Term
eral Setup Paue 1 nection Fields Lines Ou Active: [ Name: ] Alias: ] Type: ] Show: [ Validation: ] Term: ]	Destinations Pre-Jobinfos Identifiers I I IneQuantity IneQuantity I Ine	Post Jobinfos Connection Field ata will not be validated) (Data will be marked as requirin tic (Data will be marked atther Tentative (yellow) ① Unsu	Ing manual validation ( as tentative (yelow), cccessful (red)	Exit Modifiers 3	Show	Validation None None None (red) validated base	Type Number String String	Term
um Active: [ Name: ] Alias: ] Type: ] Show: [ Validation: ] Term: ]		Field ata will not be validated) (Data will be marked as requiri tic (Data will be marked either Tentative (yellow)	(Optional) ng manual validation ( as tentative (yelow), cccessful (red)	viias Validation (yellow)) , successful (green	Show	Validation None None None (red) validated base	Type Number String String	Term
m Active: [ Alias: ] Type: ] Show: [ Validation: ] Term: ]		ata will not be validated) (Data will be marked as requirit ic (Data will be marked either Tentative (yellow)	(Optional) ng manual validation ( as tentative (yellow), cccessful (red)	Jias Validation (yellow)) , successful (green	Show Show n) or unsuccessful i	Validation None None None	Type Number String String	Term
Alias: Type: Show: Validation: Term:	String Only app Mone (0 Manual Manual Manual Result: Type: • E	ata wil not be validated) (Data will be marked as requiri ic (Data will be marked either Tentative (yellow)	(Optional) ng manual validation ( as tentative (yellow), cccessful (red)	Validation (yellow)) , successful (green	n) or unsuccessful	None None None (red) validated base	Number String String	×
Alias: Type: Show: Validation: Term:	String (Only app Manual Manual Manual Manual Type:	ata will not be validated) (Data will be marked as requiri tic (Data will be marked either Tentative (yellow) ① Unsu	(Optional) ng manual validation ( as tentative (yellow), cccessful (red)	Validation (yellow)) , successful (green	n) or unsuccessful I	None None (red) validated base	String String	×
Type: Show: Validation: Term:	String (Only app Manual Automa Result: Type:	ata will not be validated) (Data will be marked as requirin tic (Data will be marked either Tentative (yellow) ① Unsu	ng manual validation ( as tentative (yellow), iccessful (red)	Validation (yellow)) , successful (green	n) or unsuccessful	None (red) validated base	String	×
Type. [ Show: [ Validation: [ Term: [	Sinng (Only app Manual Automa Result: Type: B	ata will not be validated) (Data will be marked as requiri tic (Data will be marked either Tentative (yellow) ① Unsu	ng manual validation ( as tentative (yellow), Iccessful (red)	Validation (yellow)) , successful (greer	n) or unsuccessful i	(red) validated base	ed on settings below)	
Show:   Validation:   Term:	(Uniy app Manual Automa Result: Type: • E	ata will not be validated) (Data will be marked as requirin tic (Data will be marked either Tentative (yellow) ① Unsu	ng manual validation ( as tentative (yellow), Iccessful (r <mark>e</mark> d)	(yellow)) , successful (greer	n) or unsuccessful I	(red) validated base	ed on settings below)	
	Reg.Ex.: Description: Case Se Greedy Extende Dotal Multilne	legular Expression Script Po-91(1,3)/, (0-91(3))*(1, (0 Optional native d	t 0-9](2))?\$				][.	
Add	Parameter:	999.99	Duct Johnford Dut		Result: Paramo	eter was successful OK	y validated	

For more information about how to configure validation rules, please read the manuals for **Lasernet OCR** and **Lasernet Developer**.

#### 3.4.9 Validation tools

You can select any job or field in the grid that has write permissions or is marked with a yellow or red validation code and edit the contents.



	Lasernet Client 10	
<u>File V</u> iew <u>H</u> elp		
🖸 🖸 Add 😑 Remove 🛛 🐲	Successful (F6) 🦉 Required (F7) 😻 Failure (F8)	
Servers	: 🖽 JobInfos 🍙 Lines 💺 Preview 🎱 Open in OCR 🔽 Release as is 🔼 Destinations	- Preview II ×
Default (FP-88-TOPE:8080)	Dran a column header here to group by that column	- Add Save C Remove -
	Losernet Jobinto Profile	— C
	Status Date A Invoice No SupplerName. Total Amount	Loserner invoice
	Paused 30-04-2014 34334 Rob Rely 280.27	
	Plaused 30-04-2014 10114 Sparrow Windesales 00,143.95	U. Barris Dari U. Kara Santa Mili Kara Mani Mana Mana Mana Mana Mana Mana Man
Tools	Proced Submitted Process Submi	Little Manace January Japanet Menader
	$\uparrow$	This bird from English and an an initial (if an initial and an
Paused	L 1. Select Tentative (yellow) or Unsuccessfull (red) fields	Register and Regis
Queues	2. Edit field value 3. Select Successful (F6) to accent value	Nordianyana ini ini ini ini ini ini ini ini ini
🗸 😁 НТТР	o. ociect oublessiai (i of to ablept value	Reservice for the second secon
E-boks aflever		New South Case Case Case Case Case Case Case Case
CCR		North Real Provide State
V Q OCR Forms		Land Same Deep Lin US S2234 Barris and Same Same
OCR Forms (2)		Losemet provint provinte president
		Rankfarderlander Bergehalt (1993) und er 1993 and Frankfarderlander Bergehalt (1993) und er 1993 and Frankfarder (1993) and Frankfard (1993) and Frankfard (1993)
	7	Demo Demo
Q Search	: Page 1 of 1 🔲 First 🔲 Previous 🔲 Next 🔛 Last Page 1 🗘 👻	
Paused	E Close	
	Line Amount Description Line Quantity LinePrice	Losernet
Scheduled	129.00 Loudspeaker, Cherry, 150W 1.00 129.00	Drag Shap Pa Datt
	210.00 Cables for Loudspeakers 10.00 21.00	ta berland 100
Juccedu	79.00 Loudspeaker, Cherry, 75W 1.00 79.00	and and an
Failed	79.00 Loudspeaker, Walnut, 80W 1.00 79.00	in the second se
	3,360.00 Spike for LS-100 160.00 P 🛛 🔧 Move mouse to field for validation hint	
🚔 Printers	6, 169.30 ATHENS Desk 10.0 December does not match Benular Eventeering 1	BERNEY HA
	118.84 PARIS Guest Chair, black	
	55	

If the job contains item lines created via the OCR module, click the 'Lines' button to view them in the lower view. You can navigate around the grid via arrow keys and hit return to edit a field. When a field is marked as **tentative** (yellow) or **failure** (red) you can change the contents to the correct (expected) value. In the preview window you can see a copy of the original document.

The validation color codes are:

Field value has a failure and must be validated and corrected by the user

E Tentative Field value is tentative and must be validated and corrected by the user

Successful Field value has been successfully validated by system or user

The tool bar has three validation tools:

Successful (F6)	😵 Required (F7)	Failure (F8)
-----------------	-----------------	--------------

Press F6-key to mark a validation field as successful (green)

Press F7-key to mark a validation field as required (yellow)

Press F8-key to mark a validation field as failed (red)

Before selecting **Release as is** it is recommended that all the validation fields have a successful (green) status, both in the upper view (main fields) and lower view (item lines). If there are any fields still marked with a tentative or failure status, it is recommended that the validation fields are validated by another user or by a 3<sup>rd</sup> party workflow system.



#### 3.4.10 Dates and regional profiles

Select a column presenting a date format (OCR Forms only), to define a regional profile, which match the listed value. Any value selected will automatically be updated in the OCR Form, which have extracted the date value and created the regional profile.

Next time the same OCR Form is being processed, the selected regional profile is used to match the date format.

