

ASG ViewDirect Input Framework 7.5

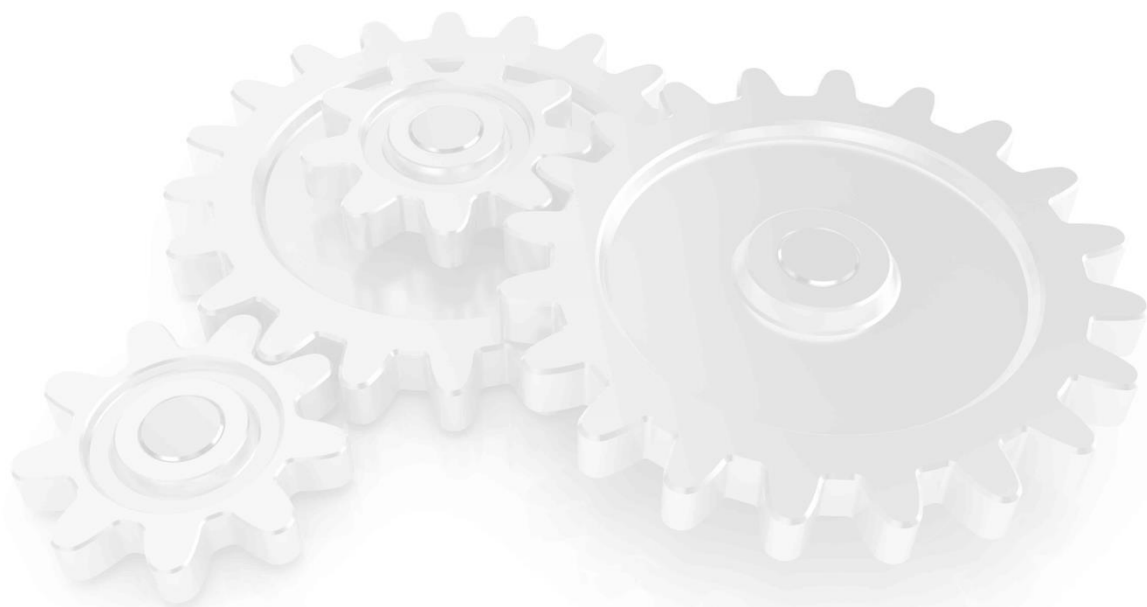


Quick Start Guide

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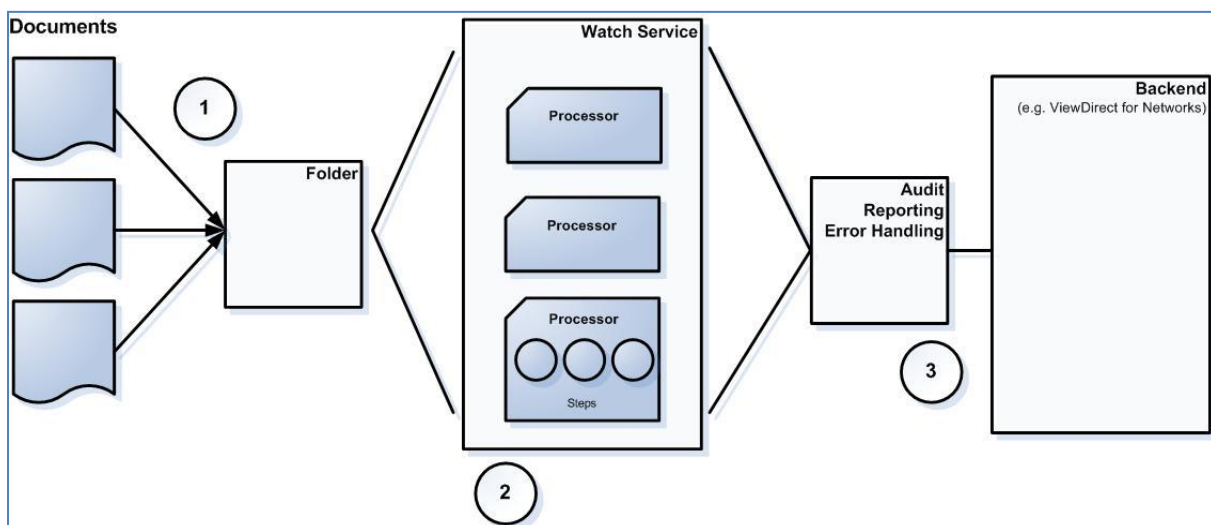


1. What is the Input Framework?

The ASG Input Framework is a folder watch service to handle incoming files and process them in an structured and audited manner.

This includes the following key features:

- Support processing chains per document (e.g. unzip file, archive unzipped content, validate result)
- Watch multiple folders with different processing chain definitions
- Limit resource consumption on the server (e.g. process only 5 files parallel)
- Define priority on the input folder level to process high priority documents first
- Create Audit logs for:
 - STDOUT, STDERR and result code of each processing step
 - Processing result (e.g. FINISHED, ERROR)
- Text and PDF reporting for:
 - All incoming files
 - Processing status for each file
 - Collected log files

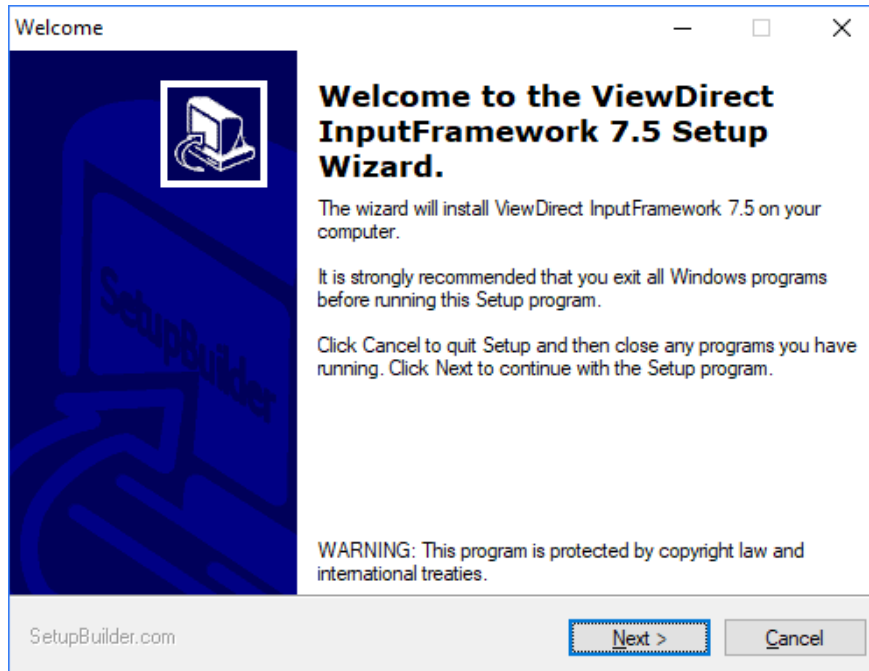


- STEP1: Documents (files) will be sent to an physical folder
- STEP2: The Watch Service identifies incoming documents and will put them into a processing chain. The documents will be processed using a template which allows 1..n single processing steps (e.g. unzip file, archive file, verify result)
- STEP3: The process will be monitored. In case of an error the failed step can be restarted. The complete process output will be audited in automated generated reports or Ad-Hoc reports.

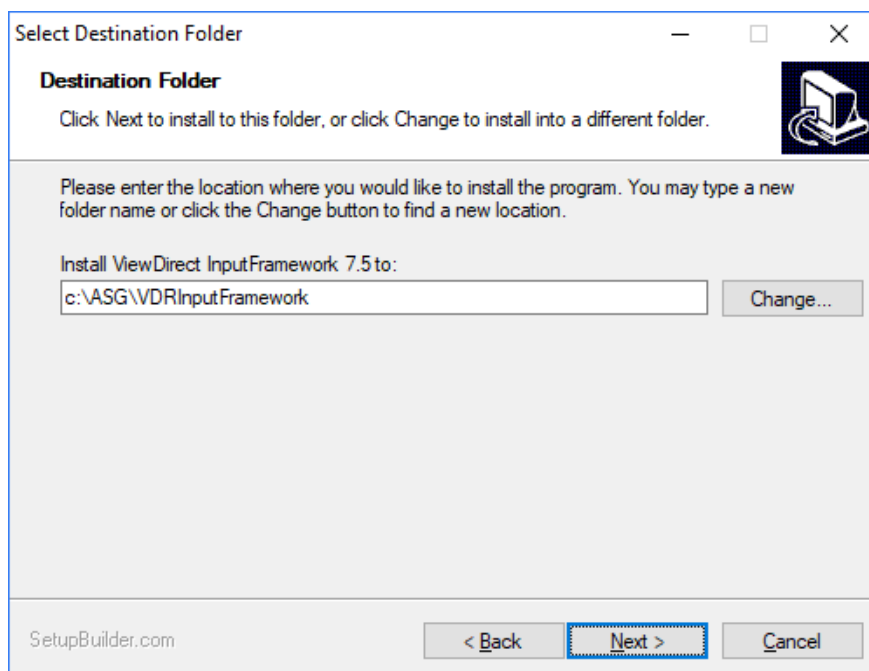
2. Installation

Installation on Windows Operating Systems

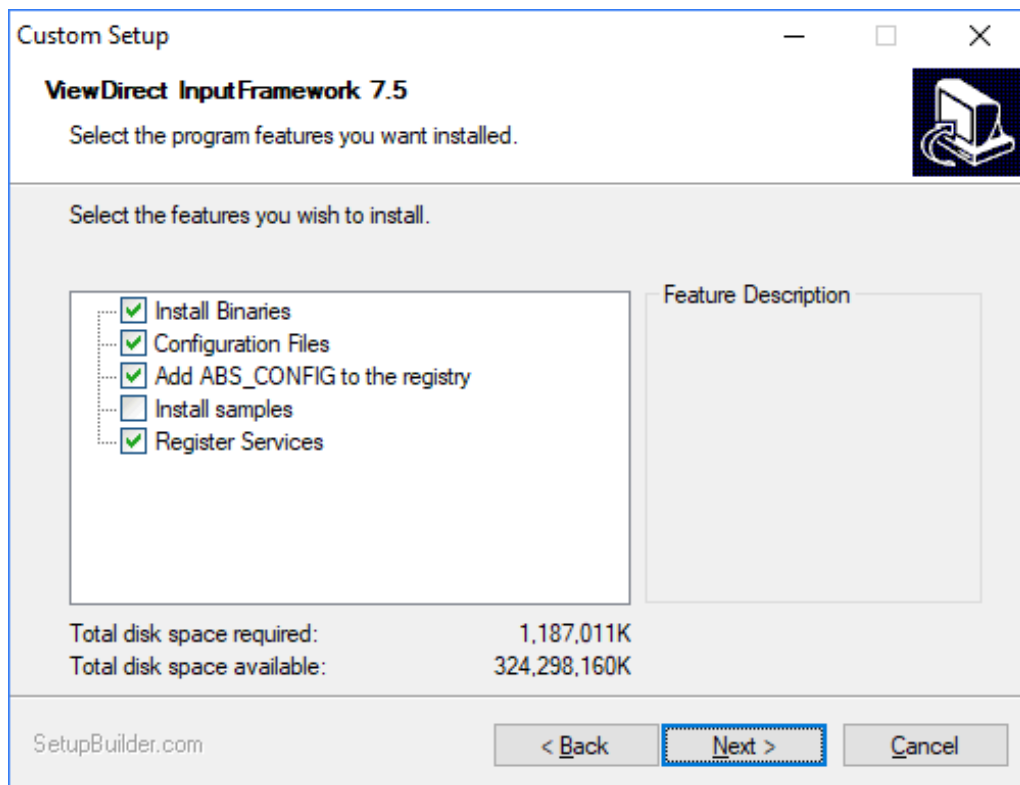
Run VDRInputFramework.exe and follow the instructions below



- Hit the "Next" button



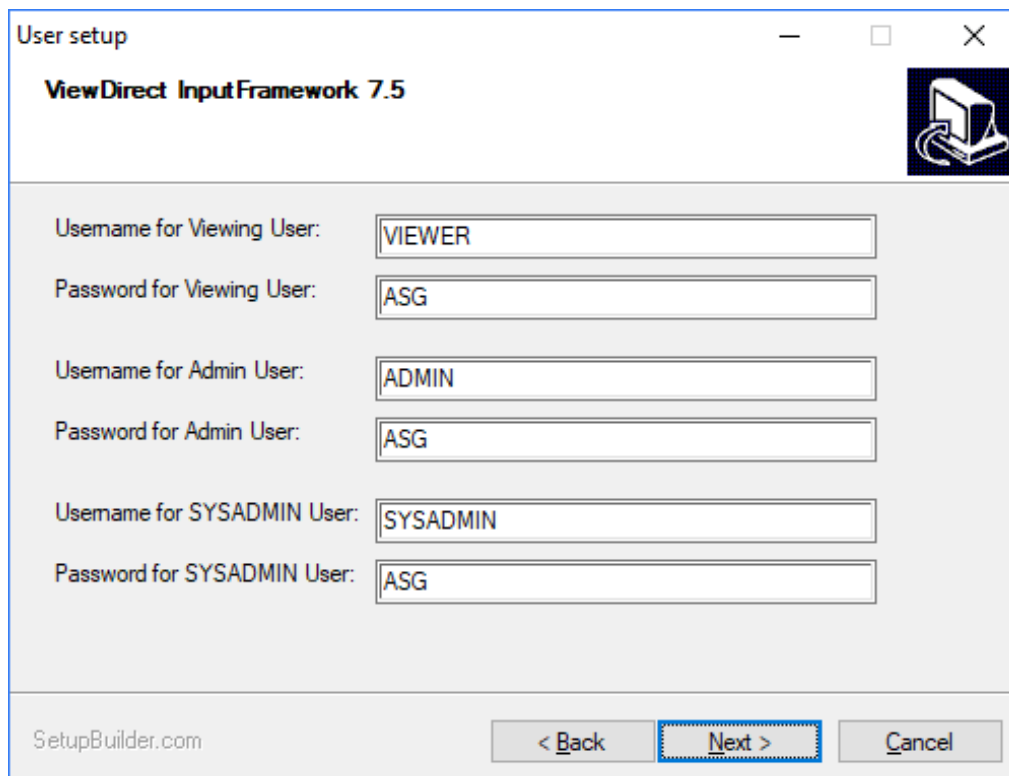
- Choose the installation directory and hit the "Next" button



- Select the installation options and hit the "Next" button

Install Binaries	Installs the binary files of the Input Framework. Choose this option for a new installation and for an update installation.
Configuration Files	Choose this option for a new installation only
Add ABS_CONFIG to the registry	Choose this option for a new installation only
Install samples	The system will be installed with the sample configuration defined in this quick start guide.
Register Services	Choose this option for a new installation only. If the services are already registered additional configuration (e.g. user, mode) will be lost.





User setup

ViewDirect InputFramework 7.5

Username for Viewing User: VIEWER

Password for Viewing User: ASG

Username for Admin User: ADMIN

Password for Admin User: ASG

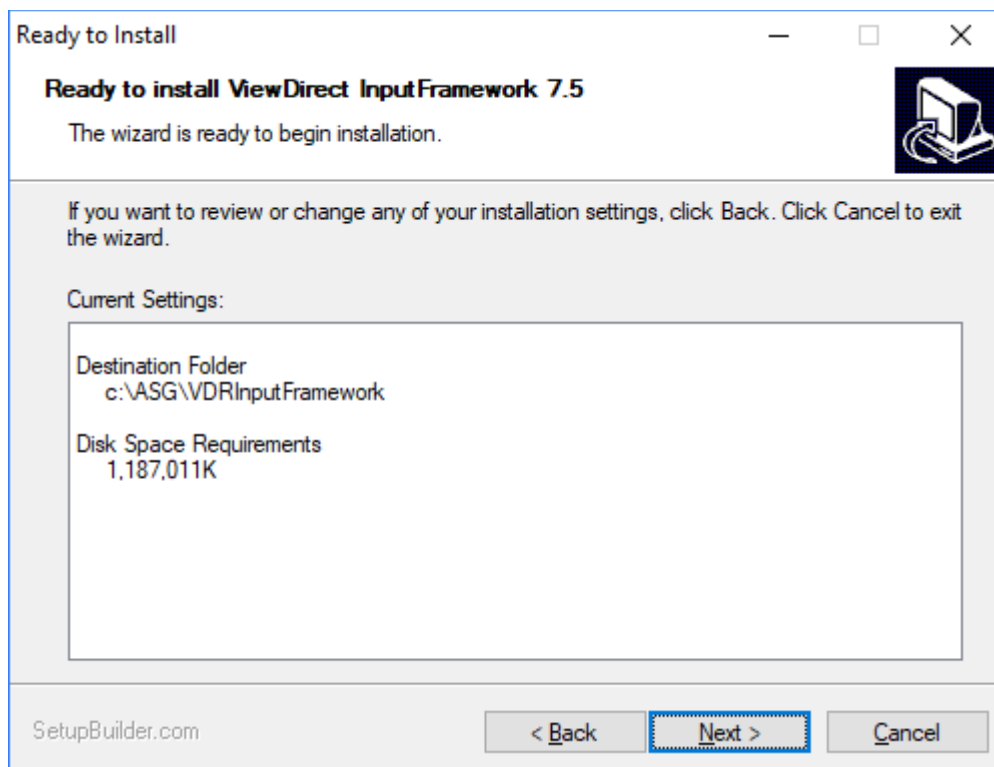
Username for SYSADMIN User: SYSADMIN

Password for SYSADMIN User: ASG

SetupBuilder.com

< Back Next > Cancel

- Provide the usernames and the passwords for the 3 different roles (for more details please consult the chapter "User Roles")



Ready to Install

Ready to install ViewDirect InputFramework 7.5

The wizard is ready to begin installation.

If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

Current Settings:

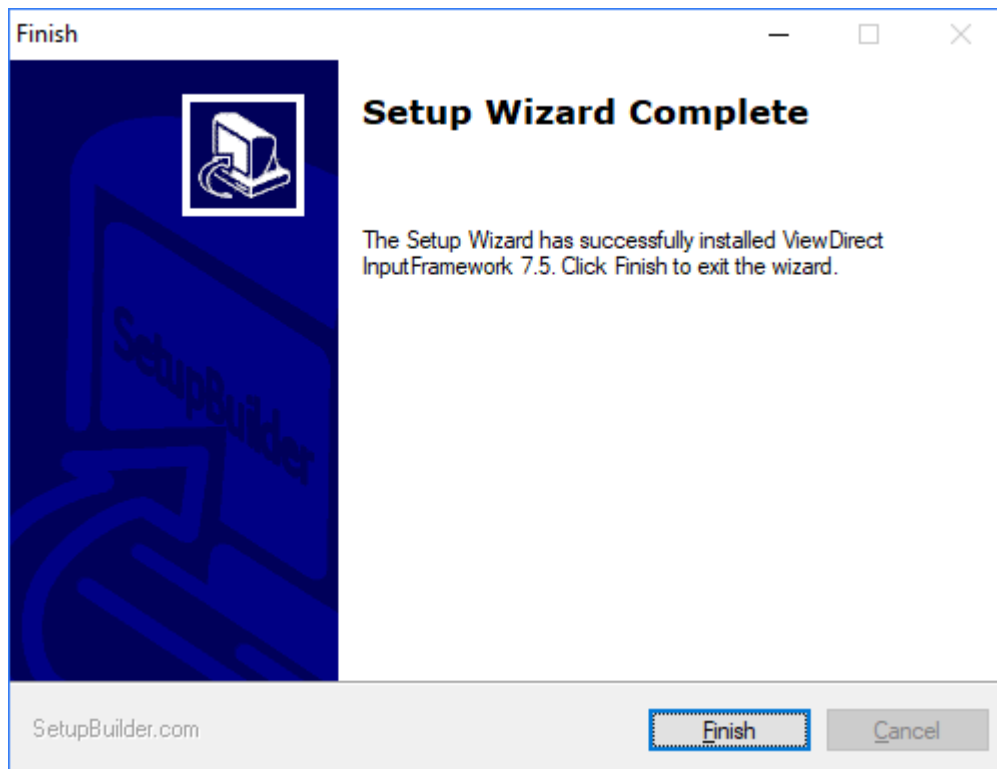
Destination Folder
c:\ASG\VDRInputFramework

Disk Space Requirements
1,187,011K

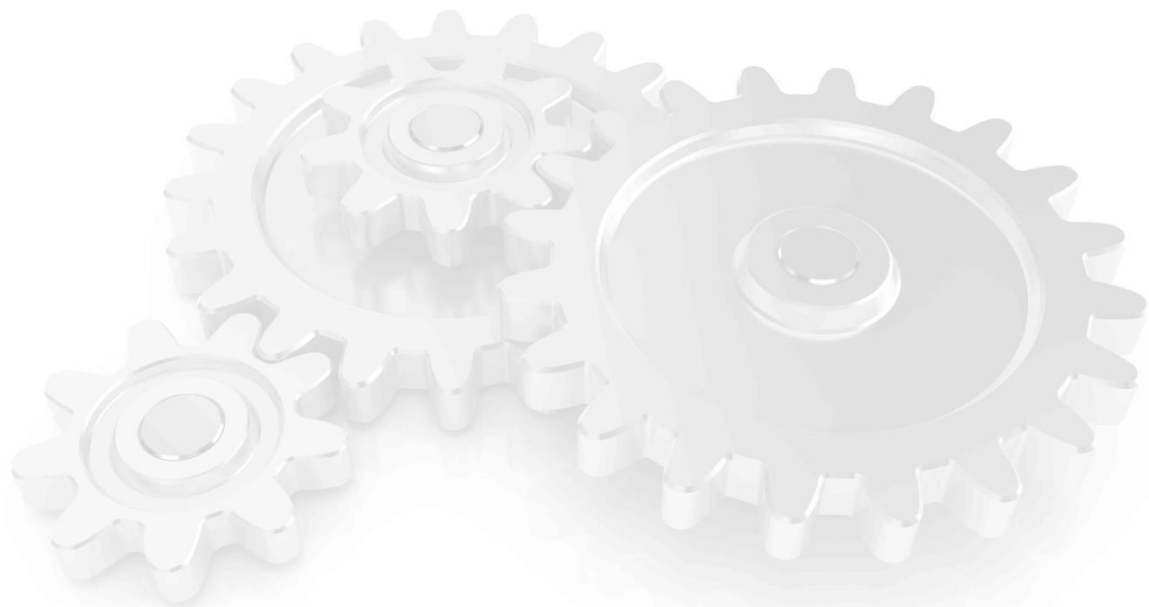
SetupBuilder.com

< Back Next > Cancel

- Hit the "Next" button



- Hit the "Finish" button to perform the installation



3. Open the Administration Console

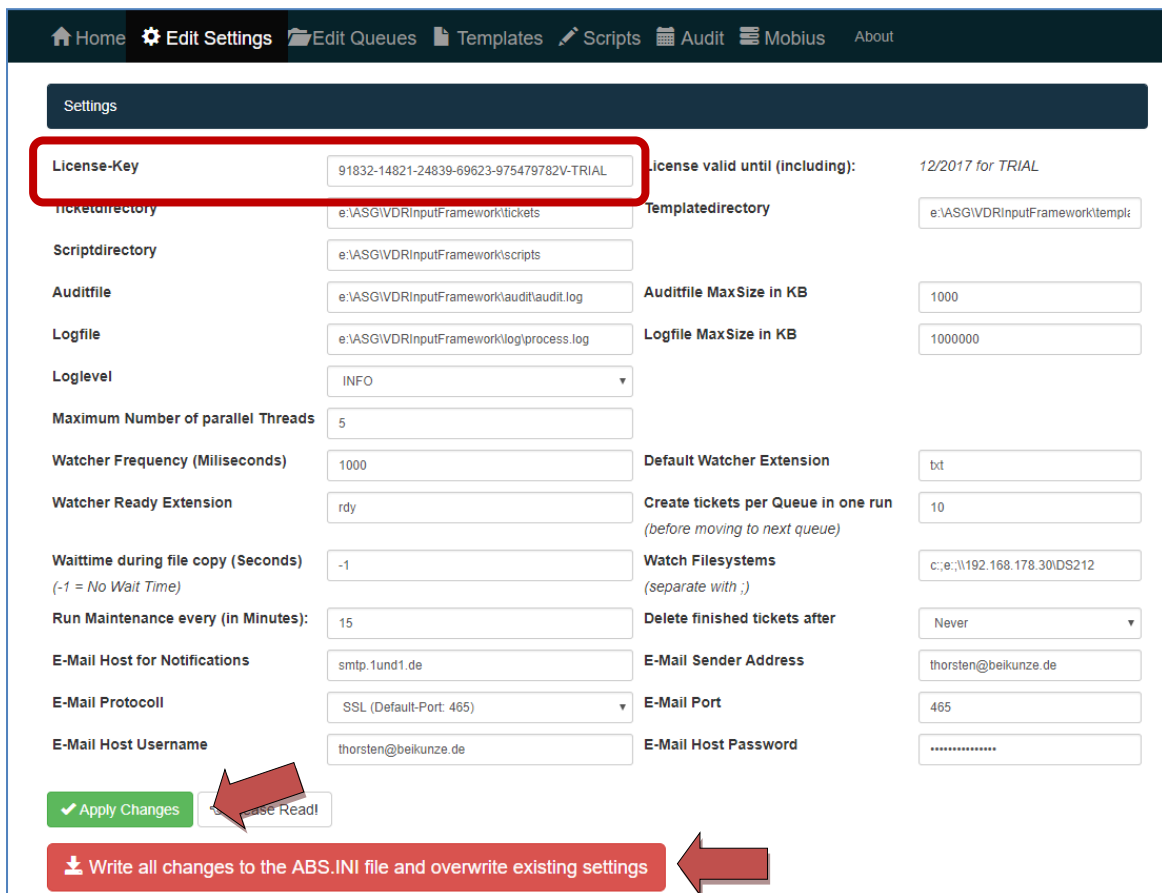
Open the administration console with the link:

<http://<servername>:10080/inputframework>

➔ For the input framework configuration you must log-in as SYSADMIN

4. Apply License Key

- Navigate to the menu entry "Admin"
- Select the menu entry "Configuration"
- Navigate to the menu entry "Edit Settings"
- Put your license key into the field "License-Key"
- Hit the button "Apply Changes"
- Hit the button "Write all changes to the ABS.INI file and overwrite existing settings"



The screenshot shows the 'Edit Settings' page in the ASG Administration Console. The 'License-Key' field is highlighted with a red box. Below the 'License-Key' field, there are several other settings fields, including 'Ticketdirectory', 'Scriptdirectory', 'Auditfile', 'Logfile', 'Loglevel', 'Maximum Number of parallel Threads', 'Watcher Frequency (Milliseconds)', 'Watcher Ready Extension', 'Waittime during file copy (Seconds)', 'Run Maintenance every (in Minutes)', 'E-Mail Host for Notifications', 'E-Mail Protocol', 'E-Mail Host Username', 'License valid until (including):', 'Templatedirectory', 'Auditfile MaxSize in KB', 'Logfile MaxSize in KB', 'Default Watcher Extension', 'Create tickets per Queue in one run', 'Watch Filesystems', 'Delete finished tickets after', 'E-Mail Sender Address', 'E-Mail Port', and 'E-Mail Host Password'. At the bottom of the page, there are two buttons: 'Apply Changes' and 'Write all changes to the ABS.INI file and overwrite existing settings'. A red arrow points to the 'Apply Changes' button, and another red arrow points to the 'Write all changes to the ABS.INI file and overwrite existing settings' button.

5. Getting Started - Setting up Sample Watch Folder

This chapter describes all necessary steps to set-up a watch folder definition which monitors a folder for incoming files.

Once a file arrives in the folder it will be deleted.

Create a new Template

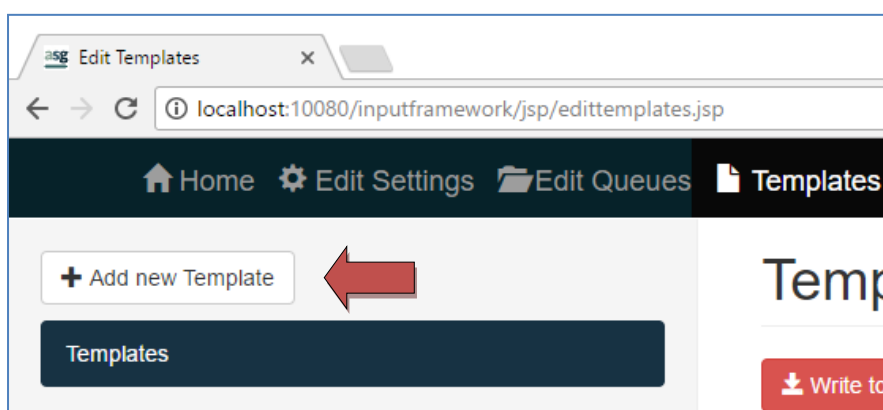
A template is a set of operations defined to process incoming files. The template can contain 1 .. n single steps which will allow a complete processing chain.

E.g. if a file is sent as ZIP Archive the first step can be the unzip command while the second step archives the document to ViewDirect.

➔ To add a new template the user must be member of the IPSYSADMIN role.

To add a new template please perform the following steps:

- Navigate to the menu entry "Admin"
- Select the menu entry "Configuration"
- Navigate to the menu entry "Templates"
- Hit the button "Add new template"



- Provide the template filename (Template_DELETE_FILES.xml)
- Provide a template description

Add New Template

Templatename - Note: Spaces in the name will be removed!

Description

Create a new Task

A task is a single processing step inside an template.

➔ To add a new task the user must be member of the IPADMIN role.

To add a new task please perform the following steps inside an active template:

- Hit the button "Add new Task"

Add New Task

Task Description - Can contain spaces

➔ The task name can contain any character (including spaces and special characters)

- Edit the new created task by hitting the "Edit" button before the taskname

Tasks

	Taskname
<input type="button" value="✎ Edit"/> <input type="button" value="🗑 Delete"/>	Delete Input File

Enter the command as followed:

- Put the command "del" into the Command input field
- Click on the tab "Available Macros"
- Click the "Add" button in the line [INPUTNAME]

Available Macros (Click to expand)

<code>_strcut{from,to;value or macro}</code>	This function cuts characters from the enclosed string. The index is zero based. If the macro cannot be evaluated properly an empty string is returned. e.g. <code>_strcut(0,3;[INPUTFILE])</code> for the file TEST.PDF will return TEST	+ Add
<code>_decrypt{}</code>	Decrypt encrypted values (e.g. <code>_decrypt([queue.SAMPLE.password])</code>)	+ Add
<code>[INPUTNAME]</code>	Full qualified path to the input file (Filename + Path)	+ Add

Edit Task - Delete Input File

Taskname
Delete Input File

Workdirectory
[INPUTPATH]

Command - Only one command is supported. If you need to process more than one please call a batch file as command
del [INPUTNAME]

Return code for success
0

Available Macros (Click to expand)

Available Additions (Click to expand)

The value provided in the edit field command will be executed for every file. The command can contain hard-coded values (e.g. path to an executable) and it can contain macro values.

In the sample shown below the macro [INPUTNAME] will be substituted with the full path and filename of the input file.


Command:


del [INPUTFILE]

The sample command will delete every incoming file which is specified using the macro [INPUTNAME].

- Hit the button "Apply Changes"

Template - Template_DELETE_FILES.xml


 Write Template_DELETE_FILES.xml to disk


 Delete Template_DELETE_FILES.xml

Configuration

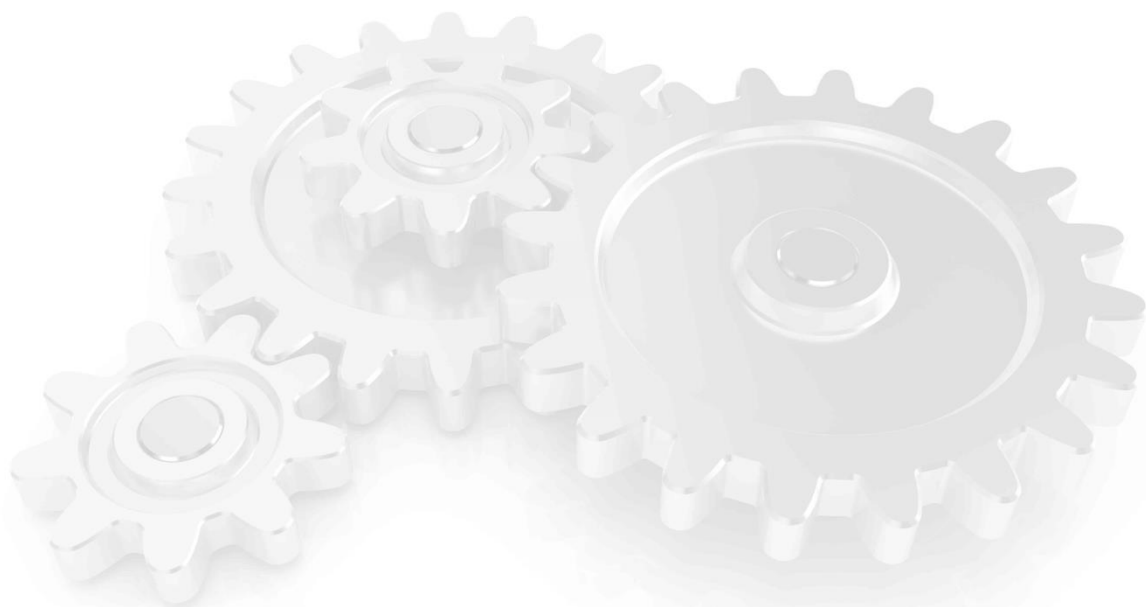
Name

Description

 Apply Changes

 Please Read!

- Hit the button "Write Template_DELETE_FILES.xml to disk"
- ➔ Only the button "Write Template_DELETE_FILES.xml to disk" will store the configuration permanent. The "Apply Changes" buttons will store changes only for the session time. Once the session expires the settings are lost.



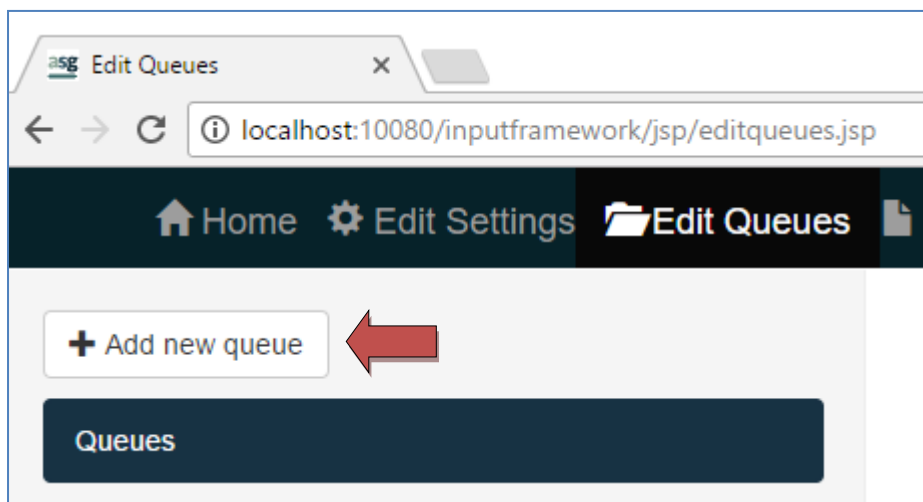
Create a new Queue

A queue is a definition to monitor an folder for incoming files. As soon as files arrives in the folder matching the queue specification the files will be processed.

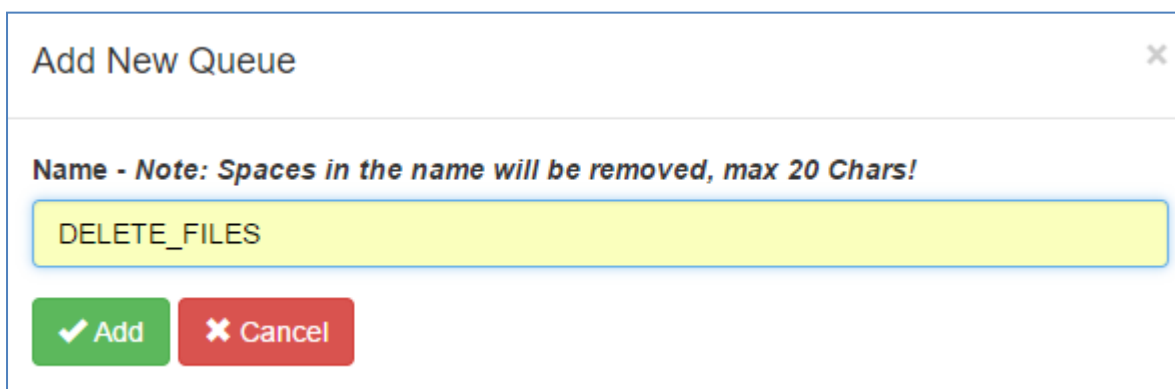
➔ To add a new queue the user must be member of the IPSYSADMIN role.

To add a new queue please perform the following steps:

- Navigate to the menu entry "Admin"
- Select the menu entry "Configuration"
- Navigate to the menu entry "Edit Queues"
- Hit the button "Add new queue"




- Provide an valid Queue Name




➔ The queue name can only contain characters [A-Z], [a-z] or digits [0-9]. Spaces will be removed from the queue name. The maximum length is 20 characters.

- Define Queue parameter


Queue Details - DELETE_FILES


 Delete DELETE_FILES


 Create Testfile in queue DELETE_FILES

Configuration

Name	DELETE_FILES
Description	Delete all incoming files
Folder	c:\inbox\sample
File-Pattern	*
Template	Template_DELETE_FILES.xml ▼
Priority	Low Priority (Default) ▼
E-Mail notification on error <small>(Separate multiple values with ;)</small>	



 Apply Changes

 Please Read!

- Click the button "Apply Changes"

Description	Descriptive information about the queue
Folder	Folder to watch. UNC Names are supported. Please ensure that the InputFramework WatchService has full access to this folder (read/write/delete)
File-Pattern	Only files matching this pattern will be found from the InputFramework WatchService. The pattern allows * as wildcard.
Template	Choose the template you defined in the chapter before for the processing.
Priority	You can choose from 4 queue priorities which will influence the processing order. Queues with a higher priority will be processed first.

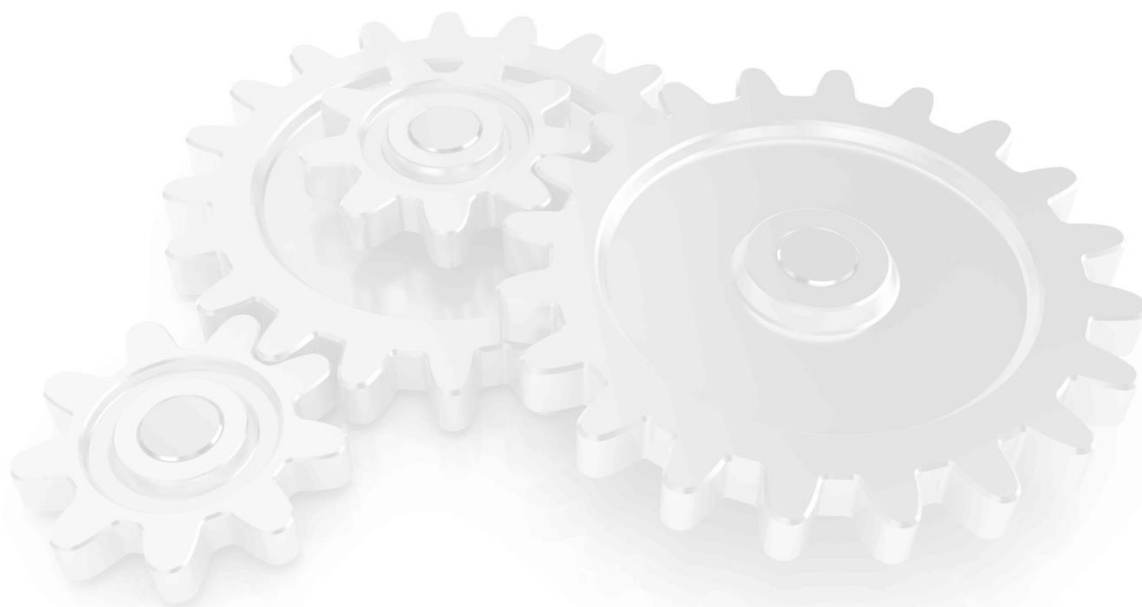
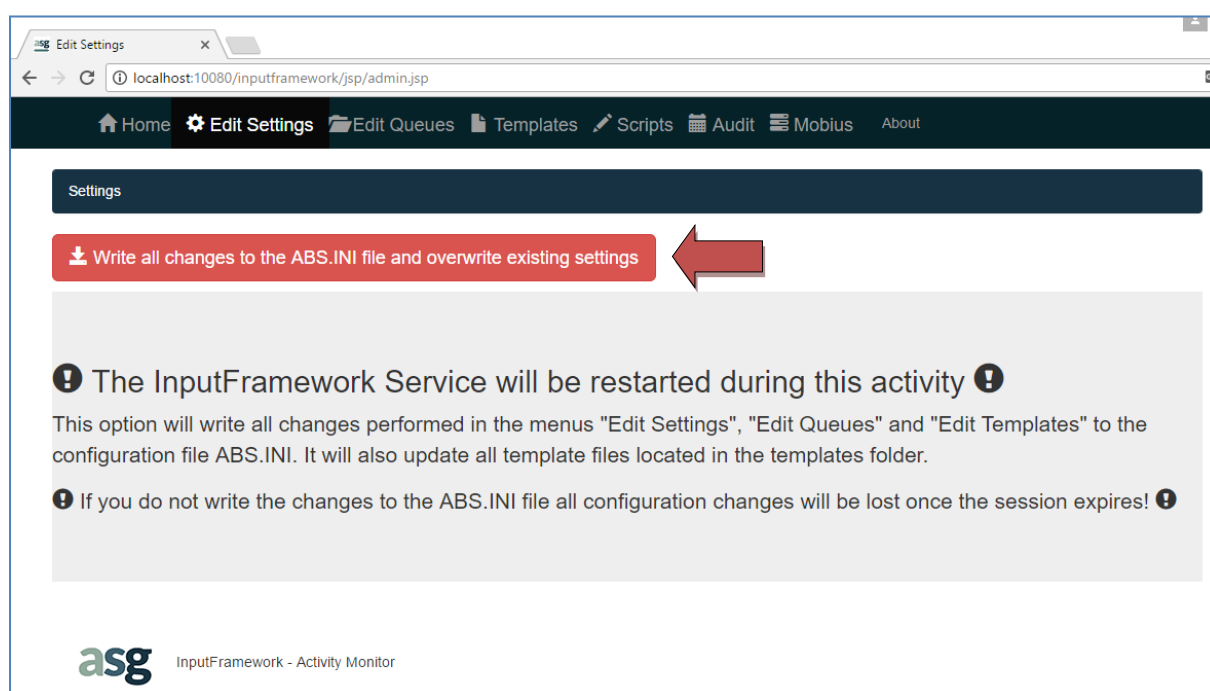
Activate new configuration

All configuration values (except the template definition) require activation. Otherwise the settings will be lost once the session expires.

To activate the configuration changes perform the following steps:

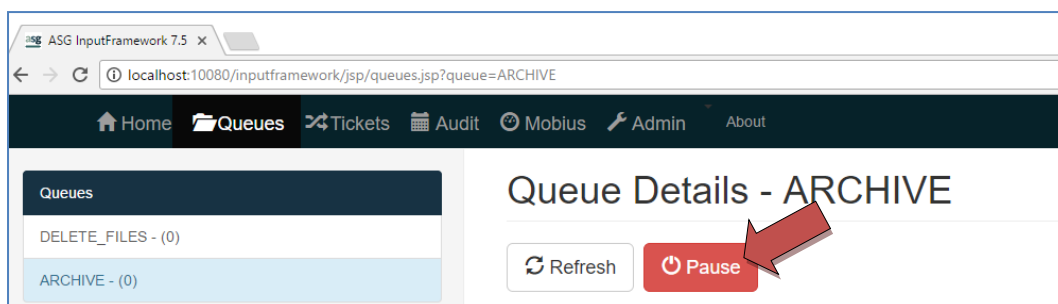
1. Navigate to the menu entry "Edit Settings"
2. Hit the button "Write all changes to the ABS.INI file and overwrite existing settings"

➔ *This action will restart the InputFramework service which will cause a downtime for about 1-2 minutes.*

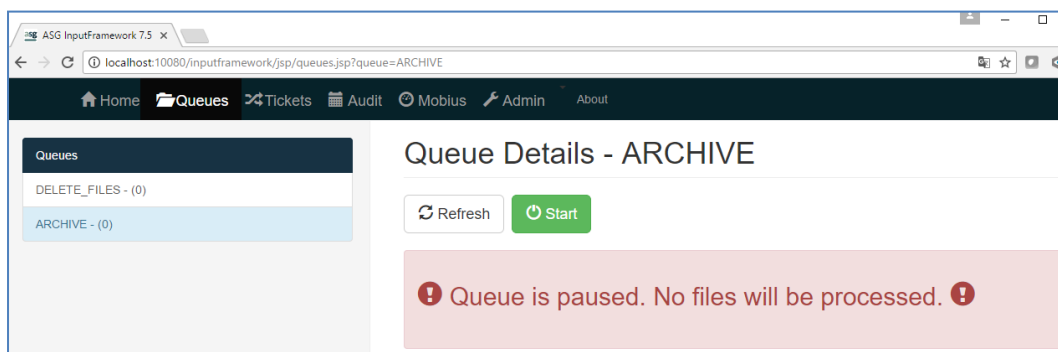


Test the new configuration

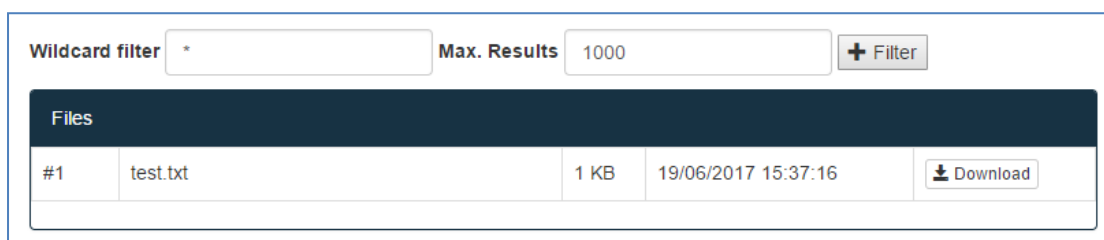
- Select the "Home" menu to leave the configuration area
- Select the "Queue" menu
- Select "ARCHIVE" in the queue list



- Hit the button "Pause" to stop the queue processing

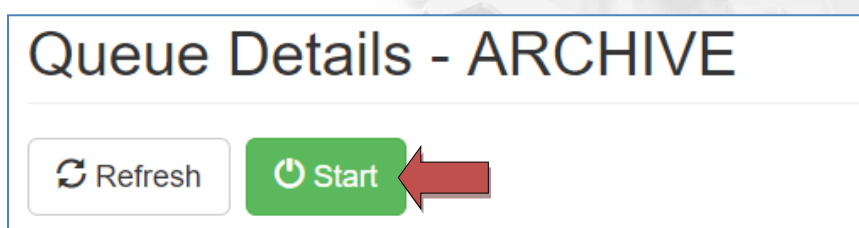


- Copy a sample file in the queue folder (e.g. c:\inbox\archive) and hit the refresh button



➔ *This sample file appears in the files list of the queue menu*

- Hit the button "Start" to enable queue processing



Wildcard filter

*

Max. Results

1000

+ Filter

Files				
#1	test.txt.rdy	1 KB	19/06/2017 15:37:16	<div>Download</div>

➔ The extension .rdy is added to the filename to indicate that the file is picked-up from the input framework.

- Select the menu "Tickets" to check the ticket processing

ASG InputFramework 7.5

localhost:10080/inputframework/jsp/tickets.jsp?ticket=000001_L

Home

Queues

Tickets

Audit

Mobius

Admin

About

Clear

Options

Today

Date

Filename

*

Filter

Filter: All Queues, All Types, *

GoTo

Page

1

Tickets - [1 - 10] from 1

#1

test.txt.rdy

(19/06/2017 17:47:13 000001_L ARCHIVE)

Ticket Details - 000001_L

Refresh

Process Ticket

Re-Run All

Delete

Header	
Name	000001_L
Queue	ARCHIVE
Inputfile	c:/inbox/archive/test.txt.rdy <div>Download</div>
Created	19/06/2017 17:47:13

Flow

✓

Archive incoming text files to ViewDirect for Networks

➔ A new ticket should appear and the green background color indicates the successful processing. For each processed file a new ticket is created with a ascending number (1,2,3 ... n). The suffix and the background color indicate the status of the ticket as shown in the table below.

Suffix	Color	Description
_W	White	The file is waiting to be processed
_P	Yellow	The file is currently processed
_L	Green	The file is already successfully processed.
_E	Red	The file is processed but one step returned an error

6. Getting Started - Setting up ViewDirect Archiving

All configuration values (except the template definition) require activation. Otherwise the settings will be lost once the session

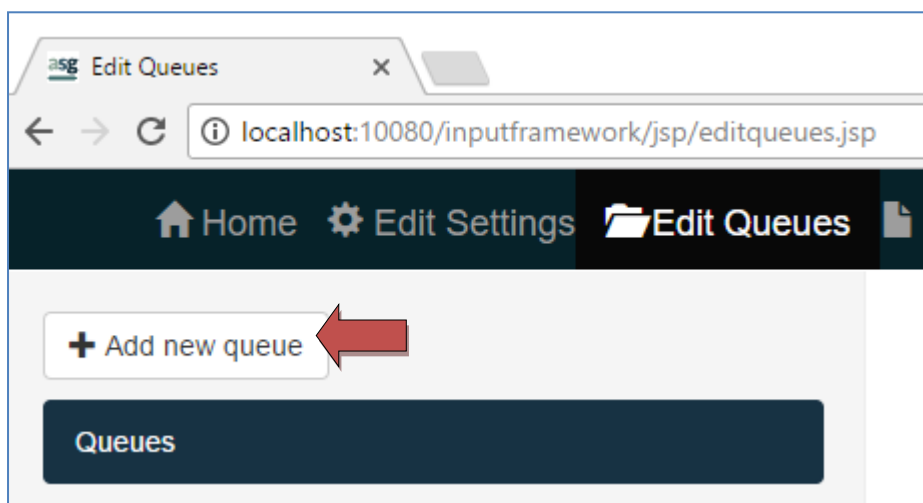
Define Archiving Queue

A queue is a definition to monitor an folder for incoming files. As soon as files arrives in the folder matching the queue specification the files will be processed.

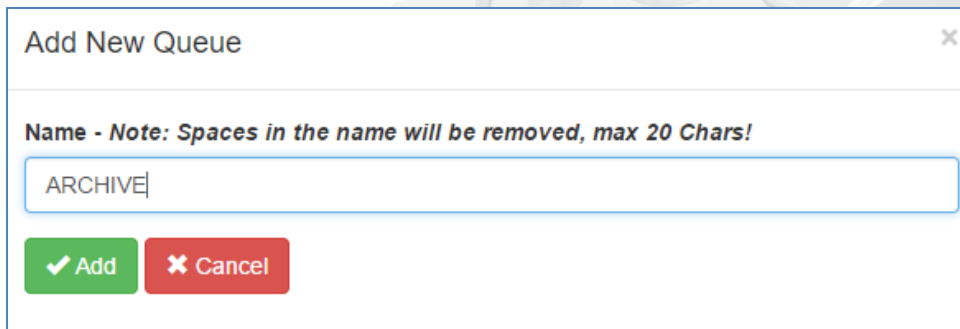
➔ To add a new queue the user must be member of the IPSYSADMIN role.

To add a new queue please perform the following steps:

- Navigate to the menu entry "Admin"
- Select the menu entry "Configuration"
- Navigate to the menu entry "Edit Queues"
- Hit the button "Add new queue"





- Provide an valid Queue Name





- Define Queue parameter

Queue Details - ARCHIVE

 Delete ARCHIVE
  Create Testfile in queue ARCHIVE

Configuration

Name	ARCHIVE
Description	Archive incoming text files to ViewDirect
Folder	c:\inbox\archive
File-Pattern	*.txt
Template	<input type="text"/>
Priority	Low Priority (Default)
E-Mail notification on error <small>(Separate multiple values with ;)</small>	<input type="text"/>

 Apply Changes
  Please Read!

- Hit the button "Apply Changes"
- ➔ Use *.txt as FilePattern - only files with the extension txt will be processed
- ➔ Leave the template blank for now as it needs to be created as described in the next chapter





Define Queue Attributes

The queue menu provides the possibility to add attributes and maintain the values on a single place. For the ViewDirect archiving queue we will store the attributes DOCUMENTSERVER, PATH TO VIEW DIRECT, USER and PASSWORD.

To add attributes perform the following steps:

- Click the button "Add Attribute"

Queue Details - ARCHIVE

 Delete ARCHIVE
  Create Testfile in queue ARCHIVE

Configuration

Attributes

Key	Value
<div>+ Add Attribute</div>	



InputFramework - Activity Monitor

- Define the attribute key and the attribute value. Use the keyname USER and provide a valid administration user of your ViewDirect for Networks installation.

Add Attribute

Key

USER

Value

ADMIN

☐ Encrypt



✓ Add

✗ Cancel

- ➔ If you select the checkbox "Encrypt" the value will be stored encrypted and does not appear in clear text inside the configuration files



The new created attribute will appear in the attribute list inside the edit queue menu.

Queue Details - ARCHIVE


 Delete ARCHIVE
  Create Testfile in queue ARCHIVE

Configuration

Attributes

	Key	Value
 Edit  Delete	queue.ARCHIVE.USER	ADMIN

+ Add Attribute

 InputFramework - Activity Monitor



- Add the attributes PASSWORD

Edit Attribute

queue.ARCHIVE.PASSWORD









MOBIUS

☒ Encrypt

 Apply Changes
  Cancel

- ➔ Select the checkbox "Encrypt" for the attribute PASSWORD
- Add DOCUMENTSERVER matching your ViewDirect for Networks configuration.
 - Add VDRPATH matching the path to your ViewDirect for Networks installation

Attributes

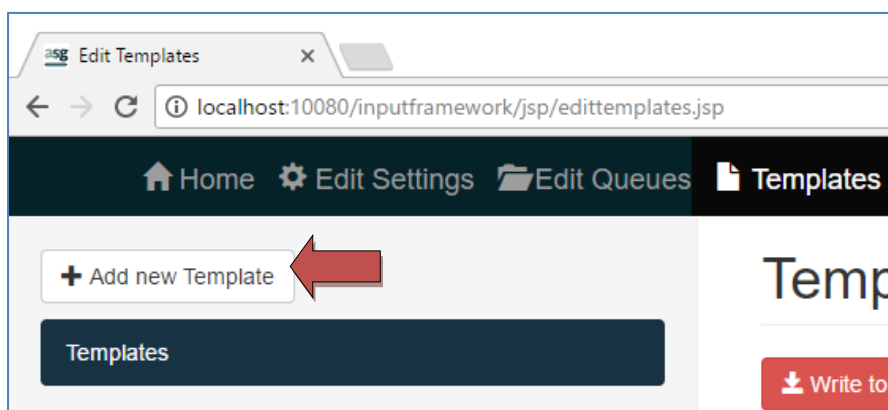
	Key	Value
 Edit  Delete	queue.ARCHIVE.USER	InputFramework
 Edit  Delete	queue.ARCHIVE.PASSWORD	0B7880749C7F8C789D5ECBF8836C42
 Edit  Delete	queue.ARCHIVE.DOCUMENTSERVER	InputFramework
 Edit  Delete	queue.ARCHIVE.VDRPATH	E:\ASG\ASG-ViewDirect for Networks

Create the archiving Template

To finish the ViewDirect archiving queue configuration it is necessary to define a template which contains the archiving instructions.

To add the new template please perform the following steps:

- Navigate to the menu entry "Admin"
- Select the menu entry "Configuration"
- Navigate to the menu entry "Templates"
- Hit the button "Add new template"



- Provide the template filename (Template_ARCHIVE.xml)
- Provide a template description

Add New Template

Templatename - Note: Spaces in the name will be removed!

Description

Create the archiving task

To add the archiving task please perform the following steps inside an active template:

- Hit the button "Add new Task"

Add New Task

Task Description - *Can contain spaces*

Archive incoming text files to ViewDirect for Networks

Add Cancel

➔ The task name can contain any character (including spaces and special characters)

- Edit the new created task by hitting the "Edit" button before the taskname

Enter the command as followed:

- Click on the tab "Available Macros"
- Click the "Add" button in the line [queue.archive.VDRPATH]
- Add the text "\acreate.exe" and put double quotes around the whole expression to ensure the command is working when the path contains space characters

Available Attributes (Click to expand)		
[queue.ARCHIVE.USER]	InputFramework	+ Add
[queue.ARCHIVE.PASSWORD]	0B7880749C7F8C789D5ECBF8836C42	+ Add
[queue.ARCHIVE.DOCUMENTSERVER]	InputFramework	+ Add
[queue.ARCHIVE.VDRPATH]	E:\ASG\ASG-ViewDirect for Networks	+ Add

Command - *Only one command is supported. If you need to*

"[queue.ARCHIVE.VDRPATH]\acreate.exe"

- Add the document server, the username using the attributes


Command - Only one command is supported. If you need to process more than one please call a batch file as command

```
"[queue.ARCHIVE.VDRPATH]\acreate.exe" -s [queue.ARCHIVE.DOCUMENTSERVER] -u [queue.ARCHIVE.USER]
```

- Add the macro `_decrypt{}` from the tab "Available Macros"

Available Macros (Click to expand)

<code>_strcut{from,to;value or macro}</code>	This function cuts characters from the enclosed string. The index is zero based. If the macro cannot be evaluated properly an empty string is returned. e.g. <code>_strcut(0,3,[INPUTFILE])</code> for the file TEST.PDF will return TEST	+ Add
<code>_decrypt{}</code>	Decrypt encrypted values (e.g. <code>_decrypt([queue.SAMPLE.password])</code>)	+ Add



- Add the password attribute into the `{}` - brackets of the `_decrypt` macro

Command - Only one command is supported. If you need to process more than one please call a batch file as command

```
"[queue.ARCHIVE.VDRPATH]\acreate.exe" -s [queue.ARCHIVE.DOCUMENTSERVER] -u [queue.ARCHIVE.USER] -p  
_decrypt{[queue.ARCHIVE.PASSWORD]}
```

➔ The `_decrypt` macro must be used to decrypt encrypted attributes

- Add the filename using the "Available Macros" tab
- Add the reportid, the archiving mode and a valid policy (e.g. `-r ARCHIVETXT -m P -c INPUTFRAMEWORK`)

Command - Only one command is supported. If you need to process more than one please call a batch file as command



```
"[queue.ARCHIVE.VDRPATH]\acreate.exe" -s [queue.ARCHIVE.DOCUMENTSERVER] -u [queue.ARCHIVE.USER] -p  
_decrypt{[queue.ARCHIVE.PASSWORD]} -f [INPUTNAME] -r ARCHIVETXT -m P -c INPUTFRAMEWORK
```


Final command:

```
"[queue.ARCHIVE.VDRPATH]\acreate.exe" -s [queue.ARCHIVE.DOCUMENTSERVER] -u  
[queue.ARCHIVE.USER] -p _decrypt{[queue.ARCHIVE.PASSWORD]} -f [INPUTNAME] -r ARCHIVETXT -m  
P -c INPUTFRAMEWORK
```

- Hit the button "Write Template_ARCHIVE.xml to disk" to save the configuration

Template - Template_ARCHIVE.xml

 Write Template_ARCHIVE.xml to disk
  Delete Template_ARCHIVE.xml




Assign template to queue

To add the template to the queue ARCHIVE perform the steps below:

- Navigate to the menu entry "Admin"
- Select the menu entry "Configuration"
- Navigate to the menu entry "Edit Queues"
- Select the queue ARCHIVE
- Select the template "Template_ARCHIVE.xml" in the drop-down list Template

Configuration

Name	ARCHIVE
Description	Archive incoming text files to ViewDirect
Folder	c:\inbox\archive
File-Pattern	*
Template	Template_ARCHIVE.xml ▼
Priority	Low Priority (Default) ▼
E-Mail notification on error <small>(Separate multiple values with ;)</small>	
<div> <input type="button" value="✓ Apply Changes"/> <input type="button" value="🔔 Please Read!"/></div>	

- Hit the button "Apply Changes"

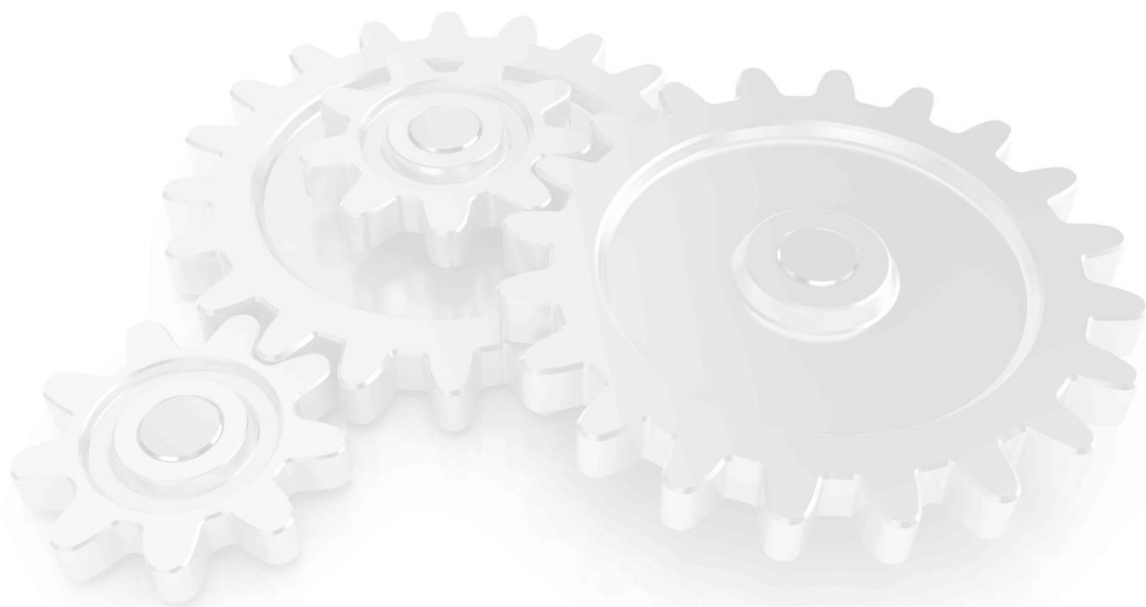
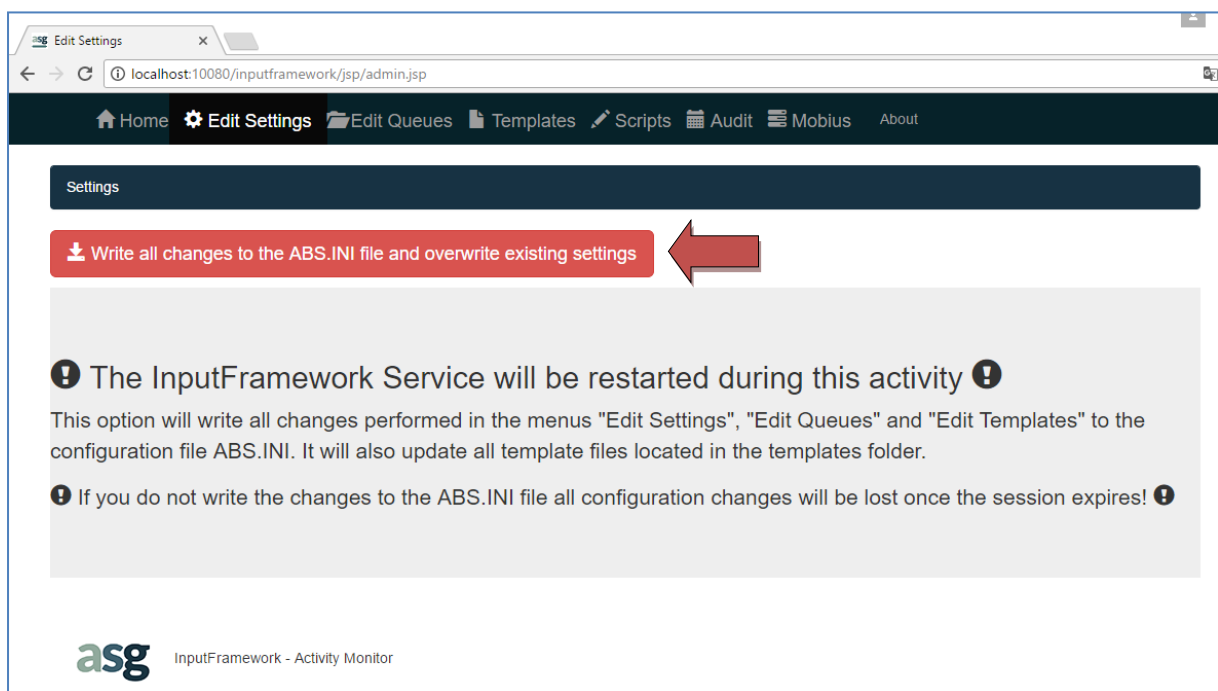


Activate new configuration

To activate the new configuration perform the following steps:

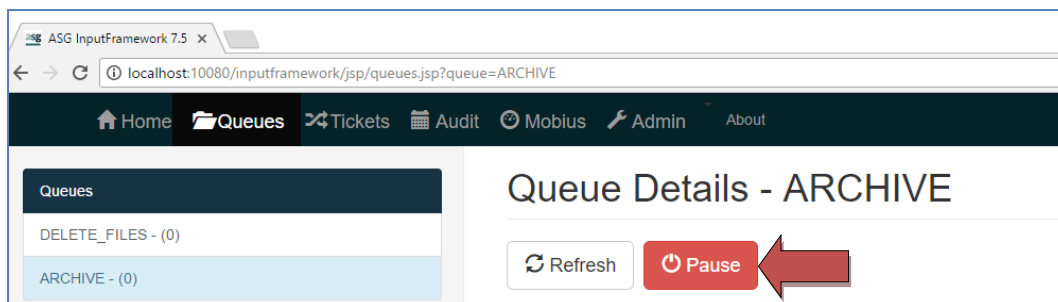
1. Navigate to the menu entry “Edit Settings”
2. Hit the button “Write all changes to the ABS:.NI file and overwrite existing settings”

➔ *This action will restart the InputFramework service which will cause a downtime for about 1-2 minutes.*

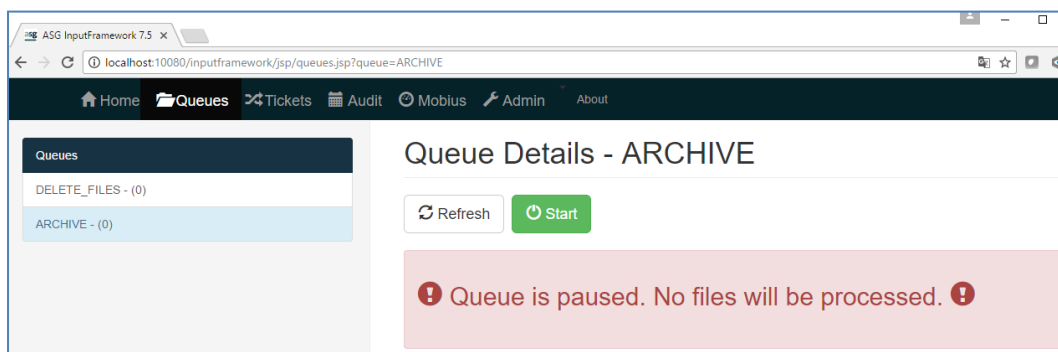


Test the new Configuration

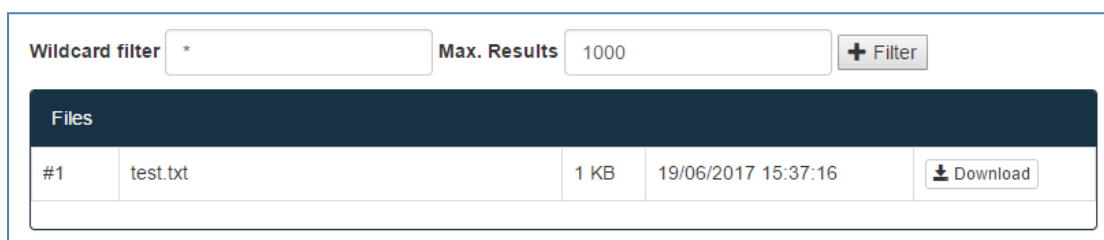
- Select the "Home" menu to leave the configuration area
- Select the "Queue" menu
- Select "ARCHIVE" in the queue list



- Hit the button "Pause" to stop the queue processing

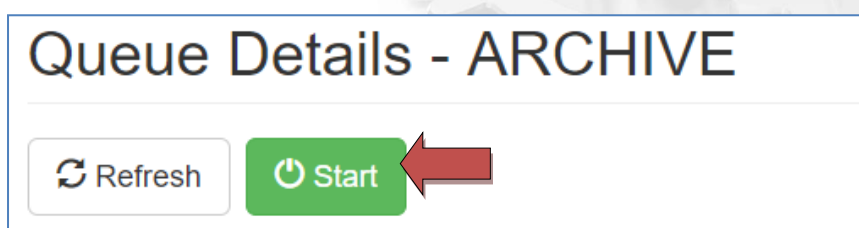


- Copy a sample file in the queue folder (e.g. c:\inbox\archive) and hit the refresh button



➔ This sample file appears in the files list of the queue menu

- Hit the button "Start" to enable queue processing



Wildcard filter

*

Max. Results

1000

+ Filter

Files				
#1	test.txt.rdy	1 KB	19/06/2017 15:37:16	<div>Download</div>

➔ The extension .rdy is added to the filename to indicate that the file is picked-up from the input framework.

- Select the menu "Tickets" to check the ticket processing

ASG InputFramework 7.5

localhost:10080/inputframework/jsp/tickets.jsp?ticket=000001_L

Home

Queues

Tickets

Audit

Mobius

Admin

About

Clear

Options

Today

Date

Filename

*

Filter

Filter: All Queues, All Types, *

GoTo

Page 1

Tickets - [1 - 10] from 1

#1

test.txt.rdy

(19/06/2017 17:47:13 000001_L ARCHIVE)

Ticket Details - 000001_L

Refresh

Process Ticket

Re-Run All

Delete

Header	
Name	000001_L
Queue	ARCHIVE
Inputfile	c:/inbox/archive/test.txt.rdy <div>Download</div>
Created	19/06/2017 17:47:13

Flow

✓

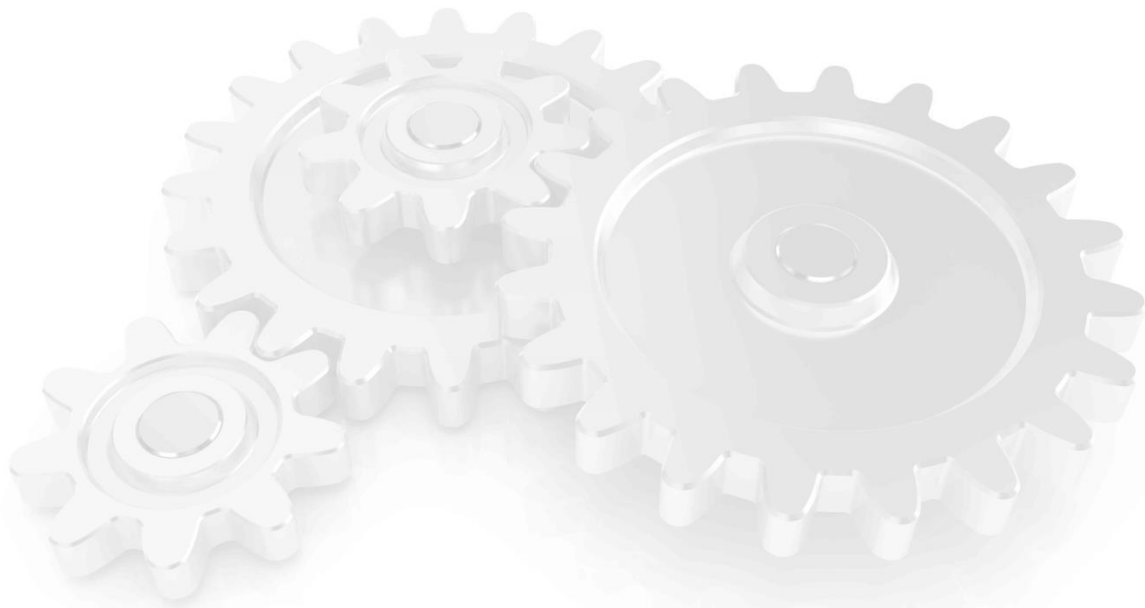
Archive incoming text files to ViewDirect for Networks

➔ A new ticket should appear and the green background color indicates the successful processing. For each processed file a new ticket is created with a ascending number (1,2,3 ... n). The suffix and the background color indicate the status of the ticket as shown in the table below.

Suffix	Color	Description
_W	White	The file is waiting to be processed
_P	Yellow	The file is currently processed
_L	Green	The file is already successfully processed.
_E	Red	The file is processed but one step returned an error

The audit section of the ticket shows the output of the command. It contains the STDOUT, STDERR and the return code.

Audit	
AuditEntry #0	
Taskname	Archive incoming text files to ViewDirect for Networks
Message	Successfully completed
Starttime	19/06/2017 17:47:14
Stoptime	19/06/2017 17:47:15
Cmd	"E:\ASG\ASG-ViewDirect for Networks\acreate.exe" -s InputFramework -u InputFramework -p mobius -f c:\inbox\archive\test.txt.rdy -r ARCHIVETXT -m P -c INPUTFRAMEWORK
Stdout (max 4,000 Chars)	ViewDirect for Networks Archive Creator for Windows Copyright (C) 2000-2016, Allen Systems Group, Inc. All Rights Reserved.
Stderr (max 4,000 Chars)	Mon Jun 19 17:47:15 2017 - N065I- Archive creation processing log: e:\DAFS\inputframework\log\20170619174715000.log Mon Jun 19 17:47:15 2017 - N379I- Phase: Processing Mon Jun 19 17:47:15 2017 - N379I- Phase: Reading input file Mon Jun 19 17:47:15 2017 - N379I- Phase: Sorting index entries Mon Jun 19 17:47:15 2017 - N379I- Phase: Moving entries to archive Mon Jun 19 17:47:15 2017 - N379I- Phase: Sorting index entries Mon Jun 19 17:47:15 2017 - N379I- Phase: Moving entries to archive Mon Jun 19 17:47:15 2017 - N379I- Phase: Committing topics to database Mon Jun 19 17:47:15 2017 - N384I- Archive creation completed
Return Code	0



Create Hyperlink in STDOUT and STDERR

If configured in ViewDirect for Networks (please refer to the ViewDirect for Networks documentation) the STDERR stream of the acreate.exe module contains the full qualified filename to the archive log file.

In the case of an archiving error this file contains valuable information.

Therefore the input framework provides the functionality to create a hyperlink to open the logfile from the Web-Interface.

To create a hyperlink perform the following steps:

- Navigate to the menu entry "Admin"
- Select the menu entry "Configuration"
- Navigate to the menu entry "Scripts"
- Select the default script "stdout_highlight_list.txt"



- Add the path to the logfile location as configured in ViewDirect for Networks (e.g. `e:\DAFS\inputframework\log`)
- ➔ You can add multiple path values but only one per line.
- Save the configuration using the button "Write script file "stdout_highlight_list.txt" to disk"

✓ Write script file "stdout_highlight_list.txt" to disk

Audit

AuditEntry #0

Taskname	Archive incoming text files to ViewDirect for Networks
Message	Successfully completed
Starttime	19/06/2017 17:47:14
Stoptime	19/06/2017 17:47:15
Cmd	"E:\ASG\ASG-ViewDirect for Networks\acreate.exe" -s InputFramework -u InputFramework -p mobius -f c:\inbox\archive\test.txt.rdy -r ARCHIVETXT -m P -c INPUTFRAMEWORK
Stdout (max 4.000 Chars)	ViewDirect for Networks Archive Creator for Windows Copyright (C) 2000-2016, Allen Systems Group, Inc. All Rights Reserved.
Stderr (max 4.000 Chars)	Mon Jun 19 17:47:15 2017 - N065I- Archive creation processing log: e:\DAPS\inputframework\log\20170619174715000.log Mon Jun 19 17:47:15 2017 - N379I- Phase: Processing Mon Jun 19 17:47:15 2017 - N379I- Phase: Reading input file Mon Jun 19 17:47:15 2017 - N379I- Phase: Sorting index entries Mon Jun 19 17:47:15 2017 - N379I- Phase: Moving entries to archive Mon Jun 19 17:47:15 2017 - N379I- Phase: Sorting index entries Mon Jun 19 17:47:15 2017 - N379I- Phase: Moving entries to archive Mon Jun 19 17:47:15 2017 - N379I- Phase: Committing topics to database Mon Jun 19 17:47:15 2017 - N384I- Archive creation completed
Return Code	0

Every file in STDOUT or STDERR starting with one of the path values defined in the file stdout_highlight_list.txt will be highlighted.

If the user clicks on the link the file will be downloaded and presented inside the browser.

```

20170619174715000.log - Editor
Datei Bearbeiten Format Ansicht ?
20170619 17:47:15:535 Open Log of Type: 1 (Archive Creation)
20170619 17:47:15:535 N076I- Archive creation started:
20170619 17:47:15:535 N077I- Mode of Operations:      unattended
20170619 17:47:15:535 N085I- Parsing Method:      policy based
20170619 17:47:15:535 N063I- Candidate list:      'InputFramework'
20170619 17:47:15:535 N079I- Reading Report Input File:  c:\inbox\archive\test.txt.rdy,      Size:  3 Bytes
20170619 17:47:15:544 N113I- Using forced Report ID of  ARCHIVETXT.
20170619 17:47:15:553 N080I- Creating archive.
20170619 17:47:15:553 N082I- Policy:      InputFramework
20170619 17:47:15:553 N083I- ReportID:      ARCHIVETXT
20170619 17:47:15:553 N061I- File Name:      e:\daps\inputframework\ARCHIVET\20170619\17471500.DAF
20170619 17:47:15:553 N062I- VersionID:      20170619174715
20170619 17:47:15:558 N047I- Total of 1 pages processed during archive creation.
20170619 17:47:15:610 N400I- Total:      0 topics,      0 items,      0 null
20170619 17:47:15:610 N216I- Total of 0 topic items and 0 pagesets committed during archive creation.
20170619 17:47:38:709 Close Log For Archive Creation

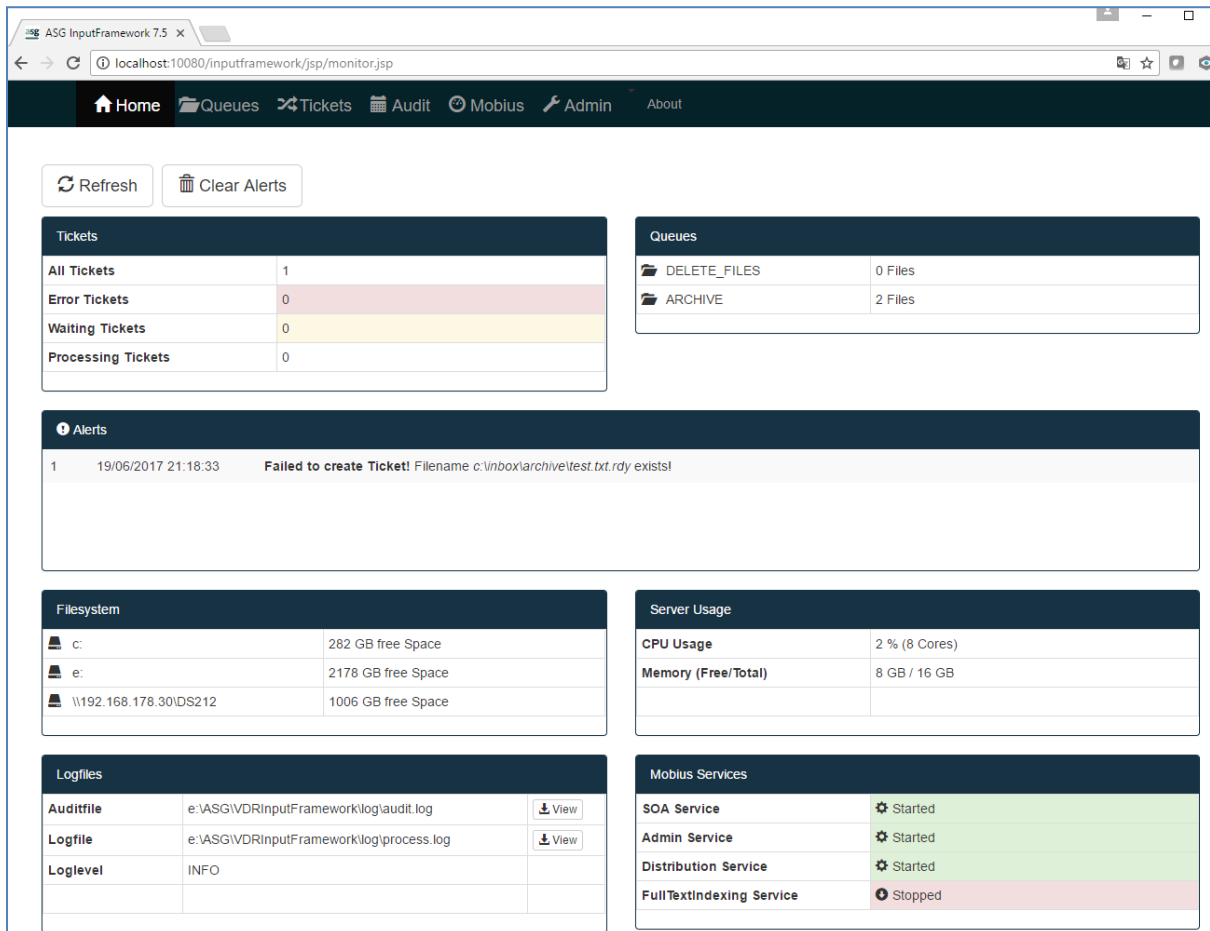
```


7. Activity Monitor User Menus

Home

The home screen status information about input framework like number of files in the defined queues or ticket status information.

It also provides information about the server running the input framework like CPU utilization or free disk space for configured file systems.



The screenshot displays the ASG InputFramework 7.5 Activity Monitor Home page. The page features a navigation bar with links to Home, Queues, Tickets, Audit, Mobius, Admin, and About. Below the navigation bar, there are several sections providing status information:



- Tickets:** A table showing the count of tickets in different states: All Tickets (1), Error Tickets (0), Waiting Tickets (0), and Processing Tickets (0).
- Queues:** A table showing the number of files in different queues: DELETE_FILES (0 Files) and ARCHIVE (2 Files).
- Alerts:** A table showing a single alert: 1, 19/05/2017 21:18:33, Failed to create Ticket! Filename c:\inbox\archive\test.txt.rdy exists!
- Filesystem:** A table showing the free space for different file systems: c: (282 GB free Space), e: (2178 GB free Space), and \\192.168.178.30\DS212 (1006 GB free Space).
- Server Usage:** A table showing CPU Usage (2 % (8 Cores)) and Memory (Free/Total) (8 GB / 16 GB).
- Logfiles:** A table showing the location and level of logfiles: Auditfile (e:\ASG\VDRIInputFramework\log\audit.log), Logfile (e:\ASG\VDRIInputFramework\log\process.log), and Loglevel (INFO).
- Mobius Services:** A table showing the status of different services: SOA Service (Started), Admin Service (Started), Distribution Service (Started), and FullTextIndexing Service (Stopped).

Ticket screen

Tickets	
All Tickets	1
Error Tickets	0
Waiting Tickets	0
Processing Tickets	0


All Tickets	Number of tickets in the ticket system. This includes every possible status like Finished, Error, Waiting or Processing
Error Tickets	Number of error tickets which require administrator attention
Waiting Tickets	Number of tickets which have not been processed yet
Processing Tickets	Number of tickets which are currently processed

Queue Screen

Queues	
 DELETE_FILES	0 Files
 ARCHIVE	2 Files




The queue screen lists the number of files in the queue folder.

Alert Screen

 Alerts		
1	19/06/2017 21:18:33	Failed to create Ticket! Filename c:\inbox\archive\test.txt.rdy exists!

The alert screen will show critical system events.

Filesystem

Filesystem	
 c:	282 GB free Space
 e:	2125 GB free Space
 \\192.168.178.30\DS212	1001 GB free Space



The files ystem screen shows the free capacity of the watched file systems. If there are less than 10 GB free the entry is highlighted in red.

Server usage

Server Usage	
CPU Usage	11 % (8 Cores)
CPU Type	Intel(R) Core(TM) i7-4790K CPU @ 4.00GHz
Memory (Free/Total)	7 GB / 16 GB

The server usage screen provides the information about the CPU (type and number of cores) and the memory on the server running the input framework. It also provides the information about the current memory usage and the CPU utilization.

Logfiles

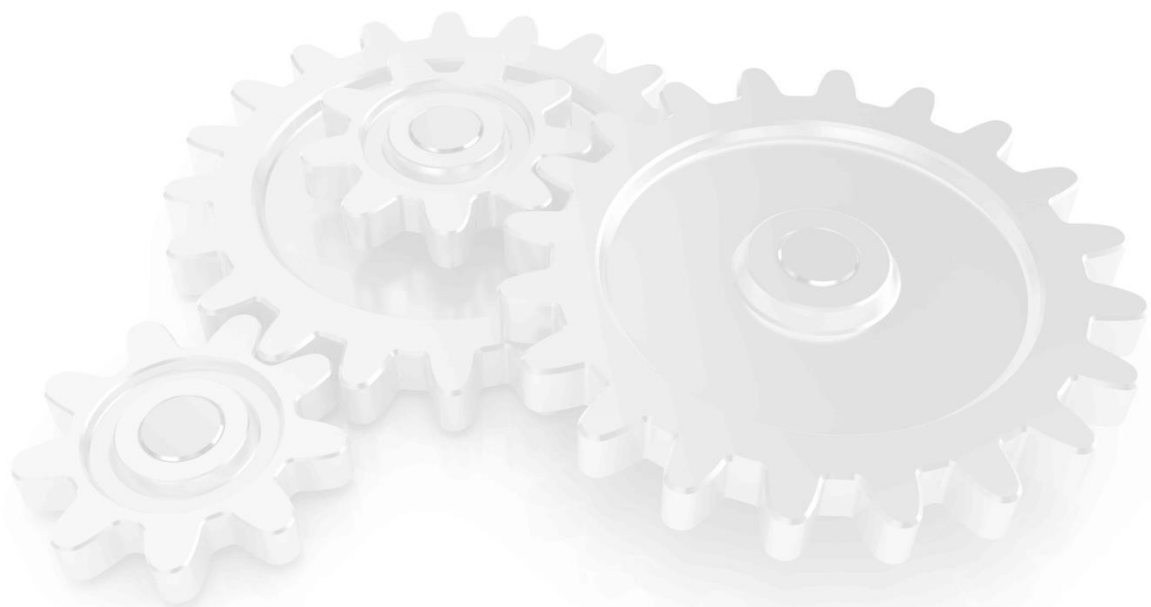
Logfiles		
Auditfile	e:\ASG\VDRInputFramework\audit\audit.log	 View
Logfile	e:\ASG\VDRInputFramework\log\process.log	 View
Loglevel	INFO	

The logfiles screen shows the current log level and provides access to the audit and the process log. The process log contains information regarding the input framework application while the audit log shows information about the usage (incoming documents).

Mobius Services

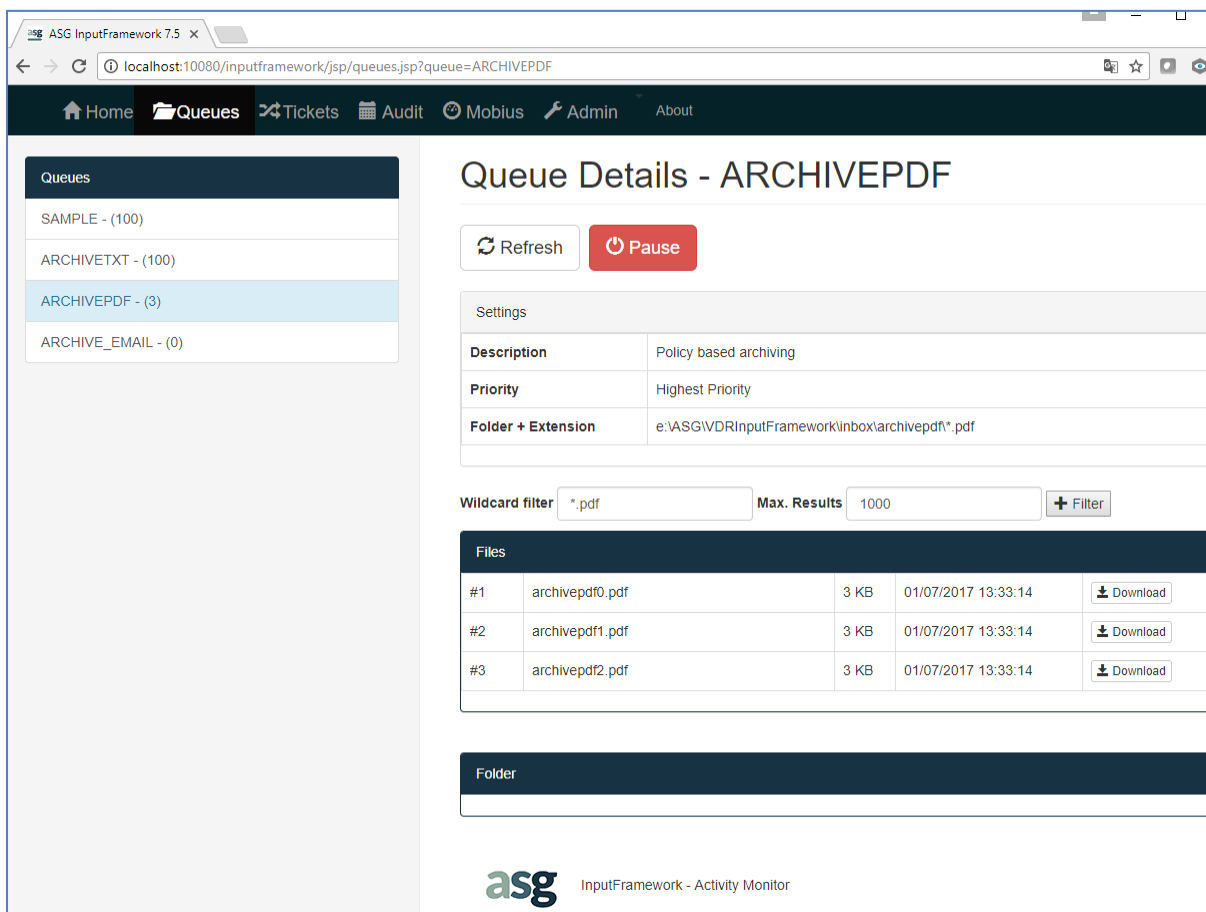
Mobius Services	
SOA Service	⚙ Started
Admin Service	⚙ Started
Distribution Service	⚙ Started
FullTextIndexing Service	⏸ Stopped

The mobius services screen provides the information about the services status of the ViewDirect for Networks instance running on the input framework server.



Queues

The queues menu shows the content of the defined input folder. It is possible to query for documents in the folder and to download the documents for review.



ASG InputFramework 7.5 X

localhost:10080/inputframework/jsp/queues.jsp?queue=ARCHIVEPDF

Home Queues Tickets Audit Mobius Admin About

Queues

- SAMPLE - (100)
- ARCHIVETXT - (100)
- ARCHIVEPDF - (3)**
- ARCHIVE_EMAIL - (0)

Queue Details - ARCHIVEPDF

Refresh Pause

Settings

Description	Policy based archiving
Priority	Highest Priority
Folder + Extension	e:\ASG\VDRIInputFramework\inbox\archivepdf*.pdf

Wildcard filter *.pdf Max. Results 1000 + Filter


Files

#	File Name	Size	Date	Action
#1	archivepdf0.pdf	3 KB	01/07/2017 13:33:14	Download
#2	archivepdf1.pdf	3 KB	01/07/2017 13:33:14	Download
#3	archivepdf2.pdf	3 KB	01/07/2017 13:33:14	Download

Folder

asg InputFramework - Activity Monitor

Pause queue



Queue Details - ARCHIVEPDF

Refresh Pause

The button "Pause" stops the processing of incoming files in this queue until the button "Start" is pressed.

8. User Roles

Viewer

The viewer role is intended to watch the system and the resources. A user of the viewer role does not have any permission to modify the configuration or to influence the processing of incoming files.

- View Home Screen
- View Queues
- View and search tickets
- View and search audit information
- View and search Mobius repositories

Administrator

The administrator provides access to all features to control incoming files in the input queues. The includes:

- All features of the Viewer role
- Start/Stop queues
- Re-Run a single processing ticket
- Delete a processing ticket

System administrator

The system administrator has full access to the system and all resources.

- All features of the Administrator role
- Re-Run all error tickets
- Start/Stop Services
- Change settings
- Add/modify queues
- Add/modify templates
- Add/modify/upload scripts
- Upload executables
- Add/modify audit generation rules
- Add/modify Mobius repositories

