

MadeTo
Print
Intelligent Printing

SERVER

Manual

MadeToPrint Server

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MadeToPrint Server

CS3 to CS5

Last modified

September 2010

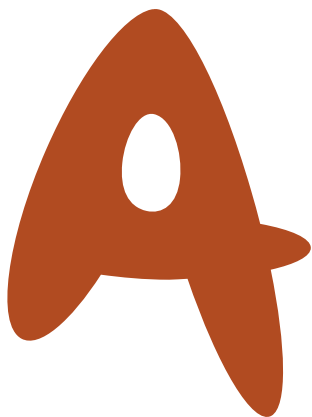
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Manual

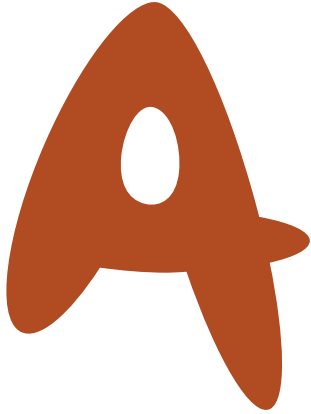
MadeToPrint Server

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MadeToPrint Server

MadeToPrint Server is an Output Server solution that consists of three components: Adobe InDesign Server, the matching MadeToPrint plug-in and a user interface that is installed as stand-alone program – the latter ensures the communication between the InDesign Server and the plug-ins.

What is MadeToPrint Server?

Basically, MadeToPrint Server offers the same functions for InDesign Server as it offers the regular MadeToPrint for the Desktop Version of InDesign: automatic preflight, print, export and package InDesign documents. The crucial difference lies between the two InDesign applications: InDesign Server works “featureless” at terminal level; the program has no user interface and displays no document content.

The InDesign Server was developed as a high-performance and stable output machine that automates time-consuming (InDesign-based) and recurring production processes.

MadeToPrint Server combines these characteristics with the popular and clever functions of the plug-in, e.g. running various output jobs in parallel, dynamic, rule-based generation of filenames and target directories, checking for missing links and fonts, flexible output of levels and level combinations. A special feature of MadeToPrint Server is an independent GUI, based on the AIR technology of Adobe – thus giving the InDesign Server a face. Output settings on the InDesign Server are distinctly easy, quick and convenient to accomplish – the elaborate and complicated handling at terminal level is omitted.

In Auto mode, MadeToPrint Server monitors hot folders for incoming InDesign documents or XML/JavaScript files – they are opened hidden in the background and this is done through multiple instances of the InDesign Server if needed – hence when working with powerful computers with multiple processors – you can achieve completely new dimensions with regard to throughput and output speed.

This manual explains concisely how to install and configure MadeToPrint.

1. Installation of MadeToPrint Server

1.1 Before – Technical requirements

The following software components must already be installed on the relevant computer before you can install MadeToPrint Server:

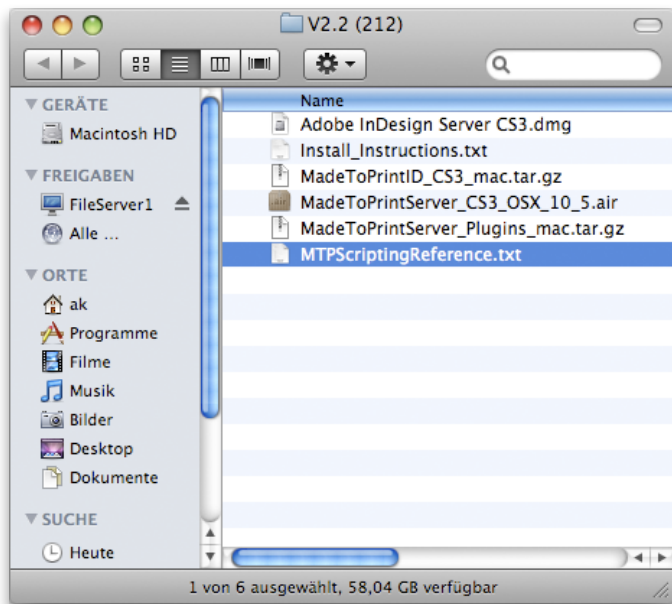
- ▶ Mac OS X from 10.4 or Windows XP Pro/Vista
- ▶ Adobe Flash Player (minimum Version 9)
- ▶ Adobe AIR (minimum Version 1.0)

Both components can be downloaded free from www.adobe.com. The MadeToPrint Server installation package contains the following components that must all be installed:

- ▶ Adobe InDesign Server CS3-CS5 (Mac or Win)
- ▶ MadeToPrint Server plug-ins (Mac or Win)
- ▶ MadeToPrint Server AIR Installer (Mac or Win)
- ▶ MadeToPrint InDesign CS3-CS5 Plug-In (Mac or Win)

The latter is needed to configure print jobs for MadeToPrint Server on a regular desktop InDesign CS3-CS5. The MadeToPrint CS3-CS5 Plug-Ins have to be installed on a machine providing a regular InDesign CS3-CS5 – afterwards the print jobs are configured using this standard MadeToPrint and are exported to be used with MadeToPrint Server.

Moreover, the installer CD-ROM contains a scripting reference, providing information on the usage of scripts with MadeToPrint Server.



Content of the MadeToPrint Server installer package

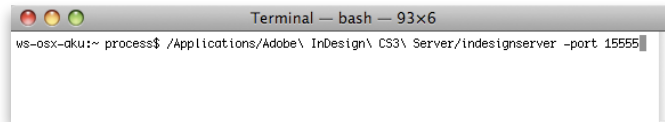
1.2 After – The installation sequence

- a. If not yet installed on your computer: Install Adobe AIR and Adobe Flash Player according to the instructions on the Adobe website.
- b. Install Adobe InDesign Server CS3-CS5 from the axaio installation CD-ROM according to the instructions by double-clicking the .dmg or .zip file.
- c. Install the MadeToPrint Server plug-in from the axaio installation CD-ROM.
- d. Start the installation of the MadeToPrint Server Client by double-clicking the AIR installer.
- e. Install the MadeToPrint InDesign CS3-CS5 plug-in on any computer in your network, where InDesign CS3-CS5 is already installed.

1.3 Testing: is everything OK?

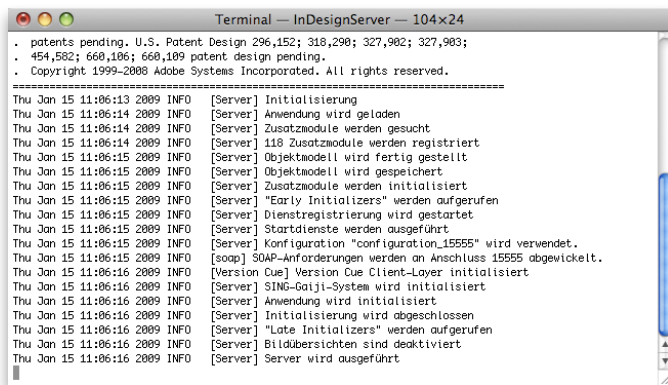
After installation, carry out the following checks:

- ▶ Is the InDesign Server working?
- ▶ Start a terminal on Mac OS X and enter the following command:



Starting InDesign Server via the terminal on Mac OS X

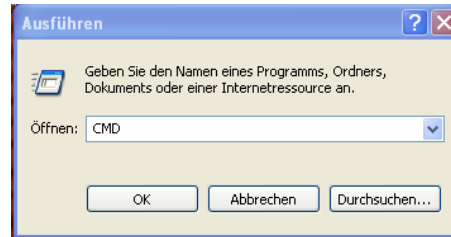
- Note down the port number – MadeToPrint Server will need this number on startup
- Confirm the command, and InDesign Server CS3-CS5 will start up
- The line “SOAP requests ... on port ...” has to show on InDesign Server start up.



```
Terminal — InDesignServer — 104x24
. patents pending. U.S. Patent Design 296,152; 318,298; 327,982; 327,983;
. 454,682; 668,106; 668,109 patent design pending.
. Copyright 1999-2008 Adobe Systems Incorporated. All rights reserved.
=====
Thu Jan 15 11:06:13 2009 INFO [Server] Initialisierung
Thu Jan 15 11:06:14 2009 INFO [Server] Anwendung wird geladen
Thu Jan 15 11:06:14 2009 INFO [Server] Zusatzmodule werden gesucht
Thu Jan 15 11:06:14 2009 INFO [Server] 118 Zusatzmodule werden registriert
Thu Jan 15 11:06:15 2009 INFO [Server] Objektmodell wird fertig gestellt
Thu Jan 15 11:06:15 2009 INFO [Server] Objektmodell wird gespeichert
Thu Jan 15 11:06:15 2009 INFO [Server] Zusatzmodule werden initialisiert
Thu Jan 15 11:06:15 2009 INFO [Server] "Early Initializers" werden aufgerufen
Thu Jan 15 11:06:15 2009 INFO [Server] Dienstregistrierung wird gestartet
Thu Jan 15 11:06:15 2009 INFO [Server] Startdienste werden ausgeführt
Thu Jan 15 11:06:15 2009 INFO [Server] Konfiguration "configuration_15555" wird verwendet.
Thu Jan 15 11:06:15 2009 INFO [soap] SOAP-Anforderungen werden an Anschluss 15555 abgewickelt.
Thu Jan 15 11:06:16 2009 INFO [Version Cue] Version Cue Client-Layer initialisiert
Thu Jan 15 11:06:16 2009 INFO [Server] SING-Gaiji-System wird initialisiert
Thu Jan 15 11:06:16 2009 INFO [Server] Anwendung wird initialisiert
Thu Jan 15 11:06:16 2009 INFO [Server] Initialisierung wird abgeschlossen
Thu Jan 15 11:06:16 2009 INFO [Server] "Late Initializers" werden aufgerufen
Thu Jan 15 11:06:16 2009 INFO [Server] Bildübersichten sind deaktiviert
Thu Jan 15 11:06:16 2009 INFO [Server] Server wird ausgeführt
```

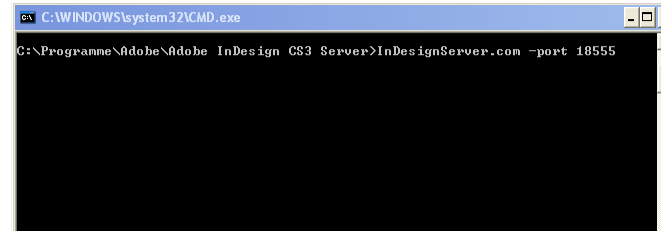
InDesign Server has started and is active

- Under Windows use the Run command to start InDesign Server:



Starting MadeToPrint Server on Windows

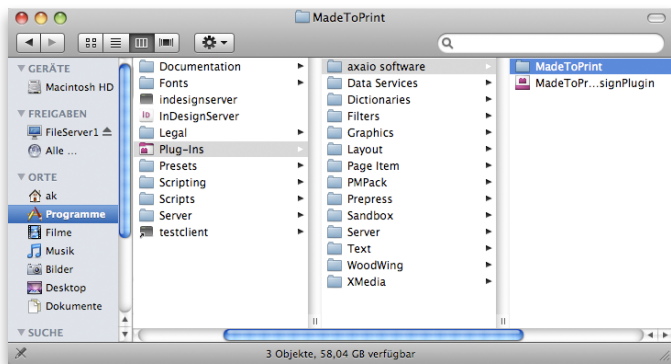
- After entering the start command, the InDesign Server starts up:



MadeToPrint Server running on Windows

Is MadeToPrint installed successfully?

- In Programs/Adobe InDesign CS3-CS5 Server/Plug-Ins, an “axaio” sub-folder must be created after installing the MadeToPrint plug-in:

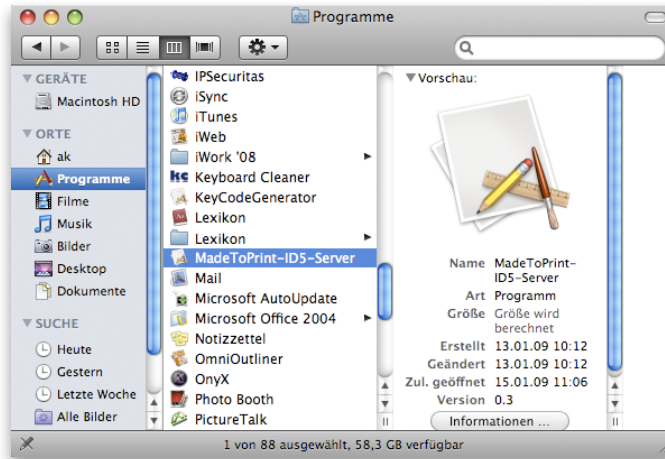


MadeToPrint Server plug-in installed successfully

If you have installed everything correctly until now, you can start the MadeToPrint Server application. To do this, the InDesign Server must be started on port 15555, as described in our example (or in the Windows example, on port 12345).

MadeToPrint Server

- Double-clicking the MadeToPrint InDesign Server icon starts the program:



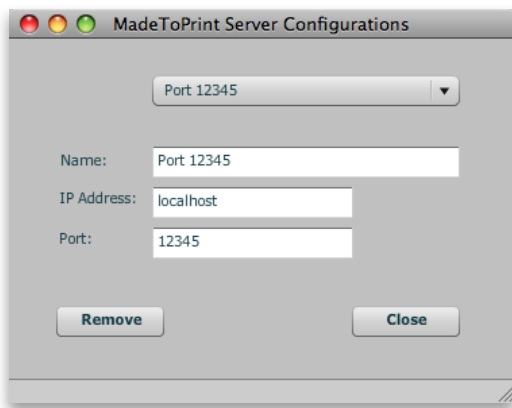
Starting the MadeToPrint Server application

Now you can start setting up the MadeToPrint Server ...

2. Starting and activating MadeToPrint Server

After InDesign Server has booted successfully and MadeToPrint Server is started by double-clicking the program icon, the program asks for the IP number of the InDesign Server and the port number used.

- ▶ Enter the IP address of the computer with InDesign Server
- ▶ Use the same port number as for starting InDesign Server:

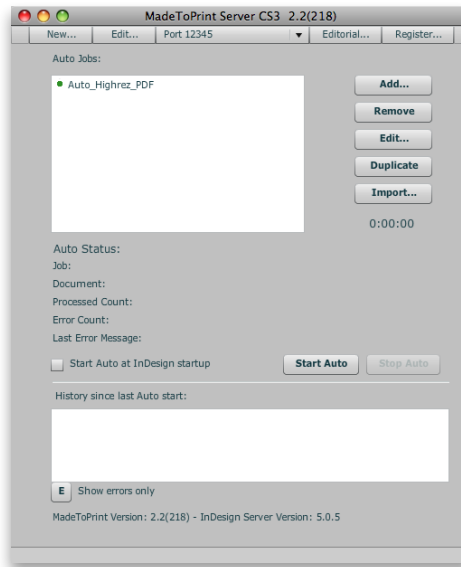


Entering the IP and port number in MadeToPrint Server

MadeToPrint Server

In the above screenshot, to simplify things, “localhost” is entered, as the InDesign Server is running on the same computer as the MadeToPrint Server – for remote operation see chapter 5.

- After clicking Start, the MadeToPrint Server is ready for use and the configurator is displayed:



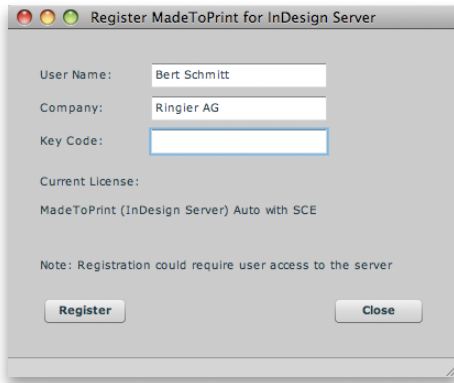
MadeToPrint Air is the graphic user interface of MadeToPrint Server

MadeToPrint Server

- ▶ Small and big bullet points within the Autojob list indicate if Autojobs have been activated or not. Small bullet point: Autojob is inactive – Big bullet point: Autojob is active.
- ▶ Ticking the checkbox “Start Auto at InDesign Startup” will force MadeToPrint Server to start unattendedly – MadeToPrint AIR does not need to be launched once this option has been activated.

First, MadeToPrint Server must be licensed, there is no demo mode without license.

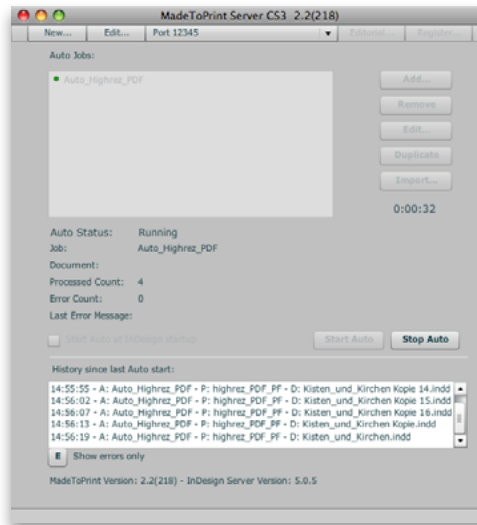
- ▶ Click Register



Registration of MadeToPrint Server

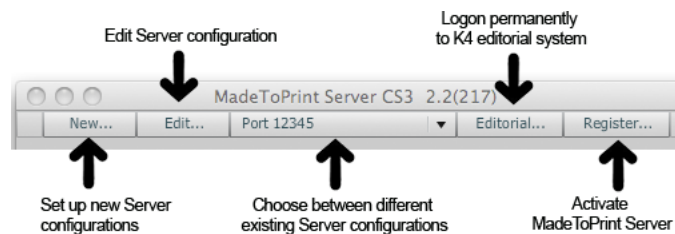
MadeToPrint Server

- Fill the compulsory fields, enter your activation key code and confirm the activation by clicking Register
- After activation, MadeToPrint Server returns to the Configurator mode
- To start the Auto mode, click Start Auto, the MadeToPrint Server activity is displayed (Running):



After starting the Auto mode of MadeToPrint Server

MadeToPrint Server



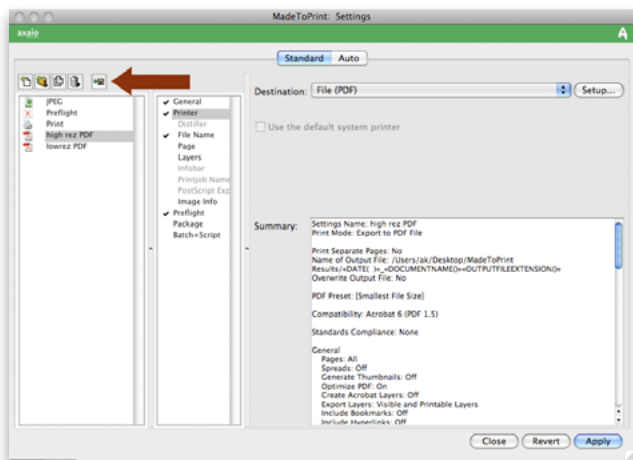
MadeToPrint Server main menu

3. Configuring the MadeToPrint Server

Important: To be able to use MadeToPrint with MadeToPrint Server, the output/print jobs must first be configured with the help of a Desktop version of InDesign CS3-CS5 and the corresponding MadeToPrint for InDesign CS3-CS5 – then the setup jobs can be exported and imported with the MadeToPrint Server

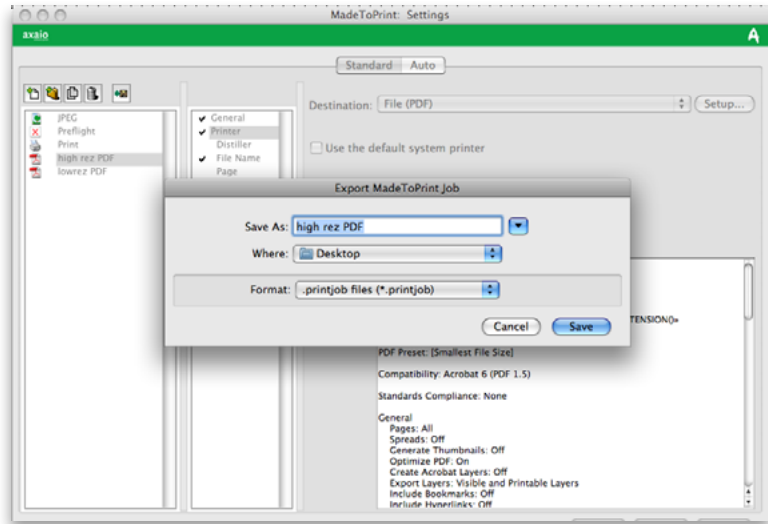
Install the MadeToPrint InDesign CS5 plug-in from the installation CD-ROM on any computer in your network where a Desktop version of Adobe InDesign CS3-CS5 is installed.

- ▶ Double-click MadeToPrint CS3-CS5 Plug-In Installer and follow the instructions.
- ▶ Documentation for the Desktop version of MadeToPrint is installed automatically. It is located, depending on the CS version, under User/Documents/axaio software documentation (mac) and under Program Files/Adobe/Adobe InDesign CS5/Plug-Ins/axaio software/MadeToPrint Documentation/ MadeToPrint_InDesign_Manual.pdf (win).
- ▶ Configure the print/output jobs according to your requirements
- ▶ Then you can select the jobs and export via the Export icon



Exporting print jobs with the Desktop version of MadeToPrint InDesign

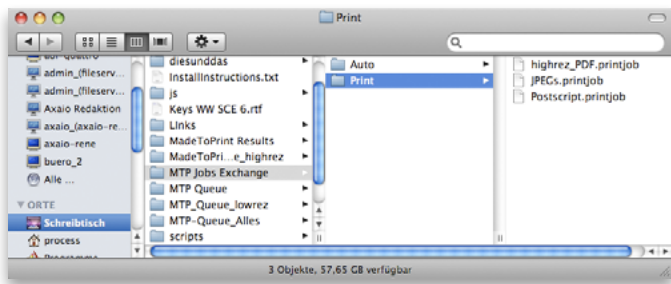
- Clicking the Export icon opens a selection dialog for saving the corresponding job or job settings:



Selecting the location for storing exchange files

The exchange files should be saved at a location in the network that can eventually also be accessed by the MadeToPrint Server. In our example,

we created a folder “MadeToPrint Job Exchange” on the Desktop, which is used as Exchange folder for configured jobs – obviously you can choose any storage location:



Exchange folder created with sub-folders for print and Auto jobs

Important not for export/import of print jobs addressing a PostScript printer:

In case a PostScript printer is being addressed within a print job, MadeToPrint Server users have to make sure that the printer determined within the imported print job is installed and properly configured on the computer with the MadeToPrint Server on it.

In the next step, the exported jobs in the folder can be imported via the MadeToPrint Server.

- In the MadeToPrint Server Configurator, click the Import button – a dialog window is displayed:



The Job Import dialog window of MadeToPrint Server

In the top part of the window, you can look for folders and MadeToPrint jobs and import by clicking Choose. Print and/or Auto jobs later appear in the lower part of the window under Current Print Jobs and Current Auto Jobs.

Then in the centre area of the Import window, Print and Auto jobs are displayed if InDesign CS3-CS5 too is installed on the MadeToPrint Server with the MadeToPrint plug-in. In this case, MadeToPrint Server detects when jobs have already been created – with the Add button you can add these to the Current Jobs and use them later.

Explanation of terms: Print Job – Auto Job in MadeToPrint

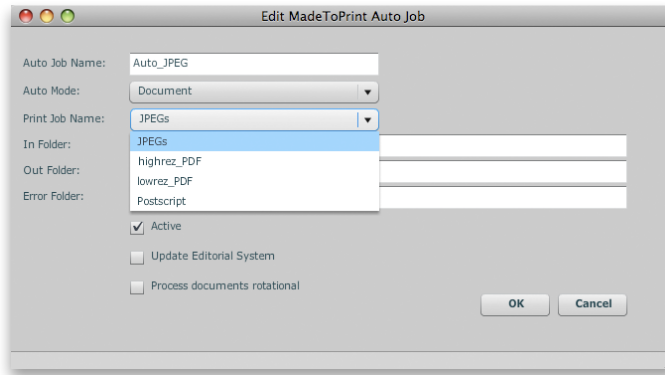
By “Print Job” we mean the output jobs where the user defines which output format (PostScript, PDF, EPS, JPEG, IDML, INX (CS3/4), Flash CS4/5, ePub etc.) is to be created, which printer is to be activated and where the files to output are to be written.

By “Auto Job” we mean the output queues that always consist of an IN, an OUT and an ERROR folder – they help add InDesign documents to a specific Print Job and thus to pass the original file through the MadeToPrint production.

3.1 Setting up MadeToPrint Server jobs

Auto jobs can also be edited in the MadeToPrint Server. To do this, in the Configurator select any job and click Edit

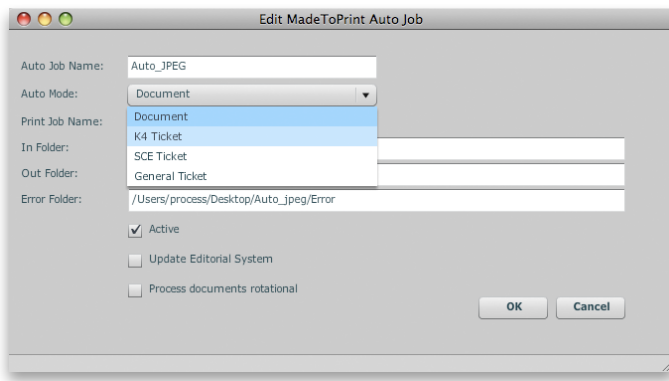
- Now through a dialog box, you can define various settings, e.g. which Print Job to run in an Auto Job:



Assigning print jobs to auto jobs in MadeToPrint Server

- From the pull-down menu, the user can define which print job to run. The checkbox “Process documents rotational” enables the load balancing feature. In case two MadeToPrint Server monitor a common IN folder for incoming documents, this option leads to a rotational processing – each MadeToPrint Server grabs and outputs only one document at a time.

Similarly, the user can also choose the type of Auto mode, i.e. whether documents or specific job tickets are to be processed for editorial systems. For this, jobs can be activated or deactivated with the Active checkbox and similarly InDesign documents that are managed in editorial systems can be updated before output with the selected checkbox:



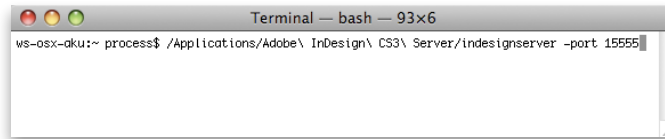
Selecting document or job ticket processing

4. MadeToPrint Server Single Instance <-> Multi-Instance

Important: MadeToPrint Server is available in different variants. The most important difference is between the single instance and the multiple instance version. In principle, this means nothing more than the fact that in the former, InDesign Server may be started only once in the MadeToPrint Server bundle, on the other hand, in the latter, it may be started several times. Multiple instances allow for real parallel processing, which especially in computers with multiple processors, enables a clearly faster output with MadeToPrint Server.

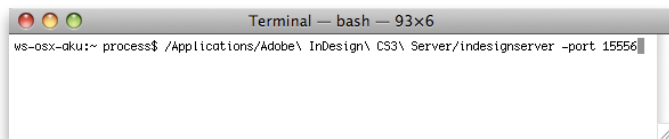
4.1 Starting MadeToPrint Server in multiple instances

- ▶ Start InDesign Server as described in chapter 1.3 by using a free port number, e.g. 15555:



Starting InDesign Server via the terminal under Mac OS X

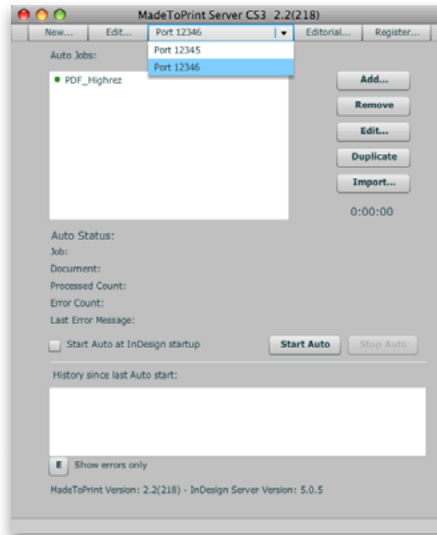
- Open a second terminal window and start InDesign Server again with a second port number, for example 15556:



Starting the second instance of InDesign Server using another Port number

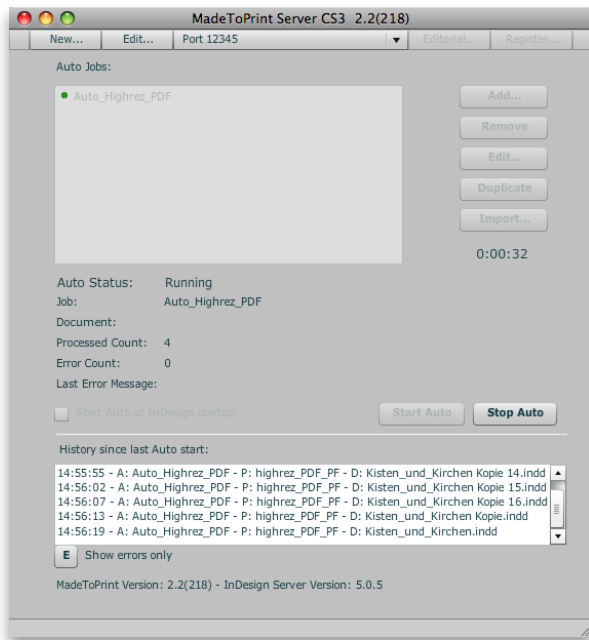
MadeToPrint Server

- Having started a second or third instance of InDesign Server, users just pick the proper (already configured) port number from the pulldown menu of MadeToPrint AIR and start MadeToPrint Server. Instances which have already been started before remain active - this way, users can easily switch between different InDesign instances.



IP- and Port number specification within MadeToPrint AIR

- In the MadeToPrint Server Configurator, now start the Auto mode as you would normally do:



After starting the Auto mode of MadeToPrint Server

- Now you can exit the MadeToPrint Server application. The jobs started once remain active even after MadeToPrint Server is closed:

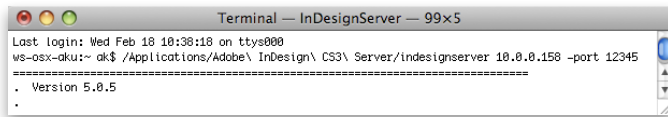


Closing MadeToPrint Server

- After closing MadeToPrint Server, start the application again and now use the port number of the second InDesign Server instance:

Starting MadeToPrint Server terminal based without MadeToPrint AIR

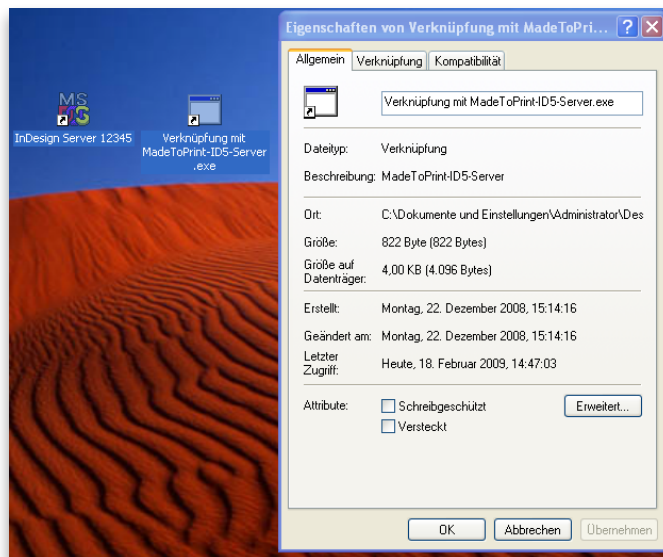
MadeToPrint Server can be started without MadeToPrint AIR. Using command lines, the arguments “address” and “port” have to be passed on.



Starting *MadeToPrint Server* without *MadeToPrint AIR*

- These process can be executed automatically using Apple- or Shell scripting – this way, multiple instances can be started in succession or even simultaneously (in case the user runs a multi instance version of MadeToPrint Server).

- As for Windows, no scripts are required for starting different instances, since users can create shortcuts to call IP and Port numbers.

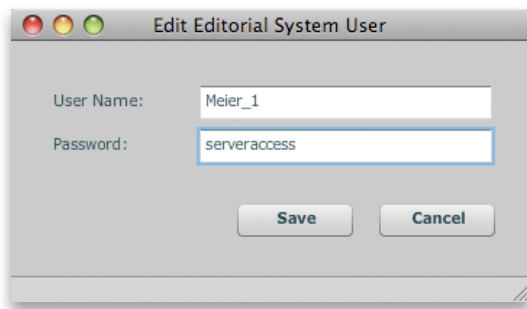


Creating a shortcut under Windows to start MadeToPrint Server without MadeToPrint AIR

5. Additional configuration for vjoon K4 5.9 support

In order to integrate MadeToPrint Server with K4 5.9 publishing system, some further adjustments are required. Users have to enter a valid name in combination with a password, otherwise MadeToPrint Server would log out after every job having been executed.

- ▶ Click on the “Editorial” button within the MadeToPrint Server run dialogue
- ▶ Enter a valid user name and a password to log on to the K4 5.9 system permanently. Click on “Save “ to confirm the log on.



Setting up MadeToPrint Server for K4 5.9 integration

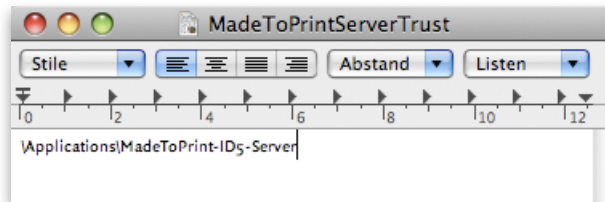
- ▶ MadeToPrint Server is ready for use with K4 5.9 now.

6. Additional settings for remote operation of MadeToPrint Server

MadeToPrint Server offers the option of remote operation – which actually means that you can connect from any computer in a network with a MadeToPrint Server running on another computer. To be able to do this, MadeToPrint Server Interface (i.e. the AIR application) must be installed on the first computer – then each MadeToPrint Server can be activated in the network.

If you want to operate MadeToPrint Server remotely and in a closed network, you must follow a few other things.

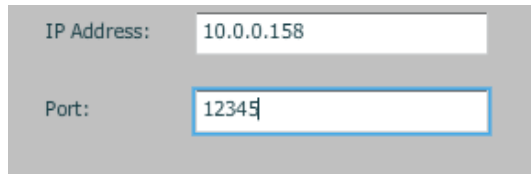
- ▶ Adobe Flash Player requires a sort of authentication for network operation. For this, a simple readable text file is stored in a directory:
- ▶ Depending on the CS version, create a file with a Text Editor with the following content: “\Applications\MadeToPrint-ID7-Server” (for Mac OS X) or, under Windows: “C:\Program Files\MadeToPrint-ID7-Server” – save the file under “MadeToPrintServerTrust.txt”



Authentication of MadeToPrint Server within Flash Player (with OS X)

- ▶ the storage location of the text file under Mac OS X is: /Users/<user>/Library/Preferences/ Macromedia/Flash Player/#Security/FlashPlayerTrust.txt
- ▶ under Windows, the path looks as follows:
C:\Documents and Settings\<user>\Application Data\ Macromedia\Flash Player\#Security\FlashPlayerTrust

Moreover, note that when registering MadeToPrint Server on a InDesign Server that is not local, the correct IP address of the corresponding computer must be specified, the name “localhost” works only when the InDesign Server plus the MadeToPrint plug-ins have been installed on the same computer as the MadeToPrint AIR application.



The image shows a registration dialog box with a light gray background. It contains two text input fields. The first field is labeled "IP Address:" in a dark gray font, and it contains the text "10.0.0.158". The second field is labeled "Port:" in a dark gray font, and it contains the text "12345". Both fields have a thin blue border.

Specifying an IP address within MadeToPrint AIR



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