

ControlCenter WebCenter

User and Installation Manual



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ControlCenter WebCenter User Guide

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1 WebCenter Client

WebCenter for ControlCenter is a web application allowing browser clients to view and approve preview pages. The system is installed on the company web server and allows an unlimited number of browser clients to access the preview files.

1.1 Prerequisite

WebCenter has been tested on the following browser version:

- Internet Explorer version 6 and 7

- Navigator 7

- Firefox 1 (Mozilla)

- Safari 1.2.x, 2.0 (Mac OS X)

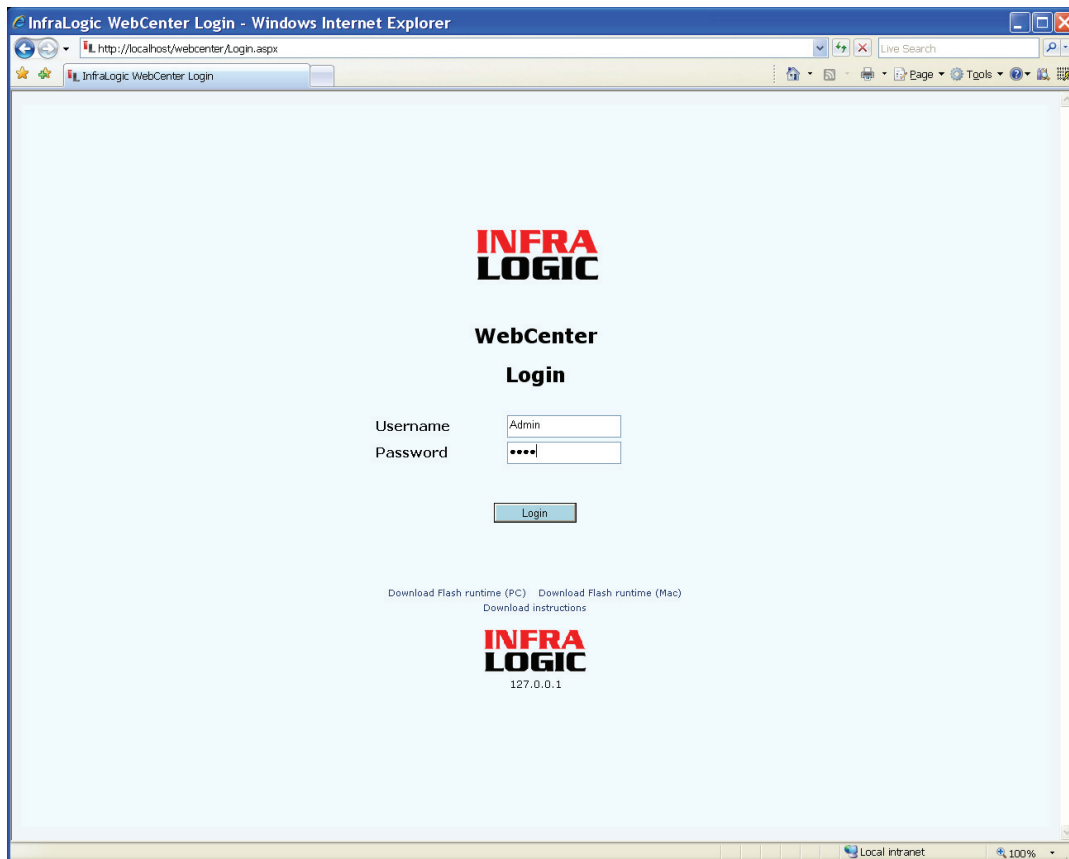
The image view in WebCenter is using a Flash viewer, which requires the Flash runtime browser-plugin to be installed on the clients.

See section 3 for details on browser configuration for different platforms.

1.2 Accessing the system

The system requires login for access. Contact system administrator for username and password for access.

On the login screen the user will have access to a link to the user manual (pdf) and to the Flash runtime.



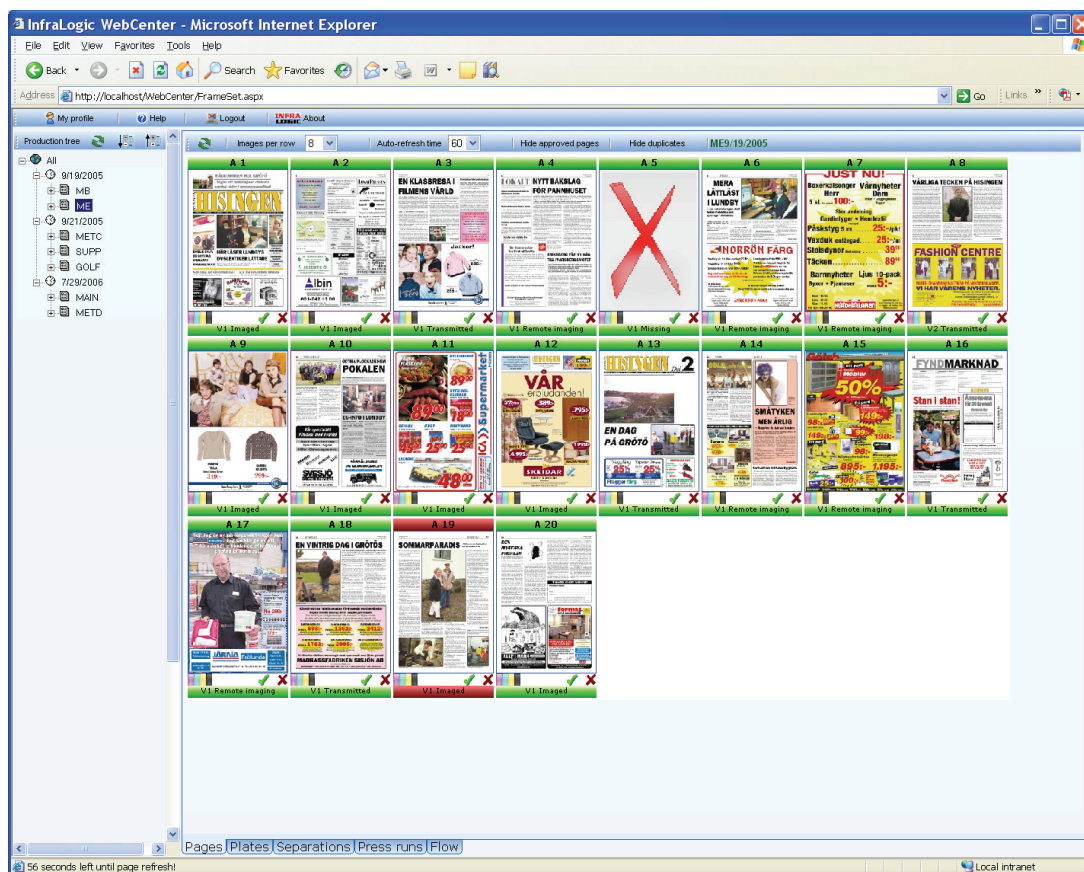
WebCenter login screen. (Upper logo is usually exchanged with company logo)

1.3 The User Interface

Once logged in the user interface consists of two panels – a tree with all pages listed hierarchically and a main thumbnail view panel.

The tree view is used to select a specific publication, edition or section for the thumbnail view. The tree structure reflects the current pages in the system. If no edition or section division exists in the polled filenames the edition/section names will not be visible in the tree.

The thumbnail view consists of the pages in the selected category. The sizes of the thumbnails can be configured by setting the parameter **Images per row** in the menu bar above the thumbnails. Also the auto-refresh time can be selected from the drop-down box above the image gallery.

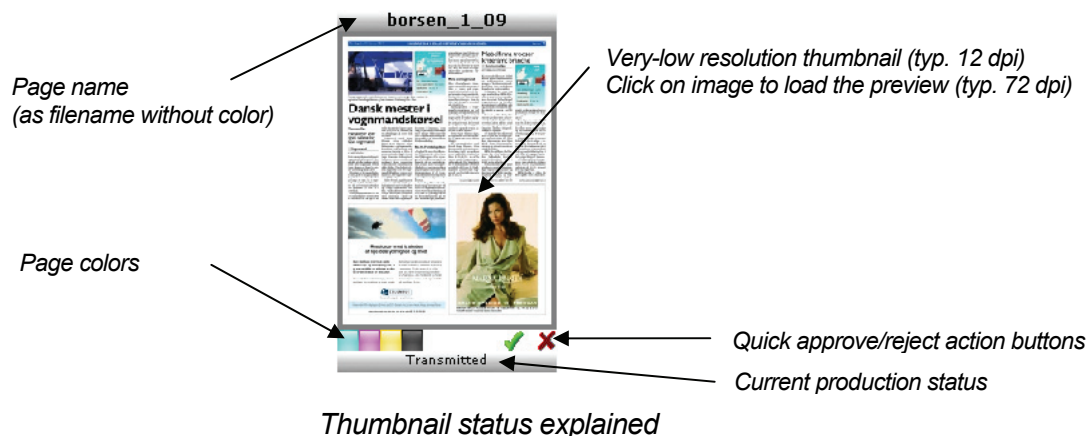


Pages view (thumbnails). Click a thumbnail to view full page in zoom viewer

The frame around the individual thumbnails reflects the current status of the page approval:

- Green: Page is approved
- Gray: Page needs approval (not yet approved)
- Red: Page is rejected

Changing approval to green will release the page for production. If the production priority is set to another priority than 'Hold', the page separations will be output.



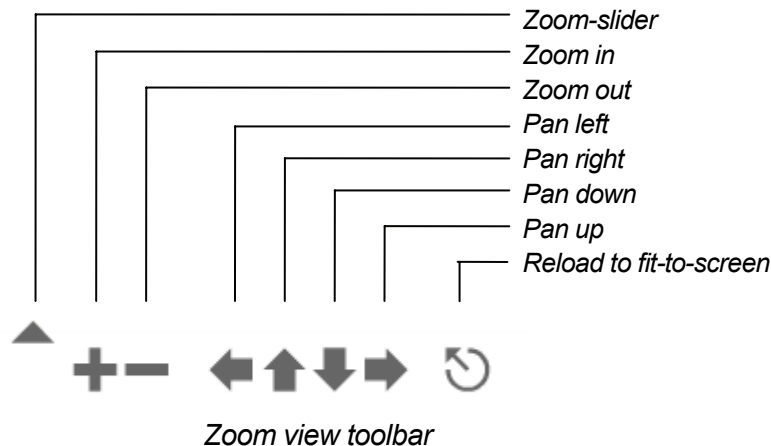
1.4 Preview zooming

Click on a thumbnail image to load the preview image. The preview will be show on top of the thumbnail view. Exit the preview with the back-button in the menu toolbar above the preview. Here the approval or rejection of the page can also take place.



Zoom view. Click on left mouse button in image to zoom in and right button to zoom out. Hold down mouse button to drag the image (pan).

You can zoom and scroll with the mouse. Click in the image to zoom in and zoom



out by holding down the shift key while clicking (see overview below) or use right mouse button (on PCs).

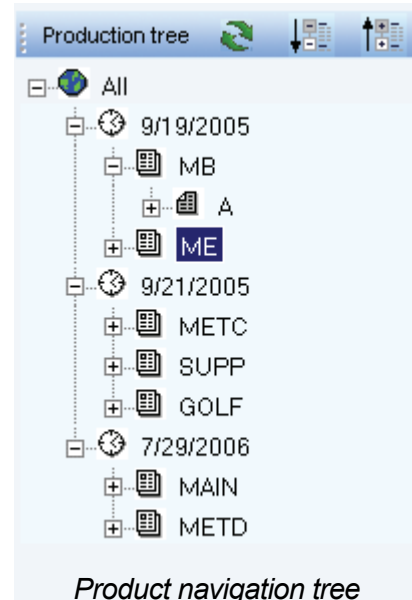
The resolution and quality of the preview will depend on the preview generator settings in InputCenter.

1.5 Tree view navigation

The tree view shows the pages in an explorer-like fashion, categorized in publications, edition (if present) and sections (if present). Click on a node to filter the thumbnail view on the right hand side or click the All symbol to show all available pages.

The menu bar above the tree has a refresh button and buttons to fully expand or collapse (minimize) the tree.

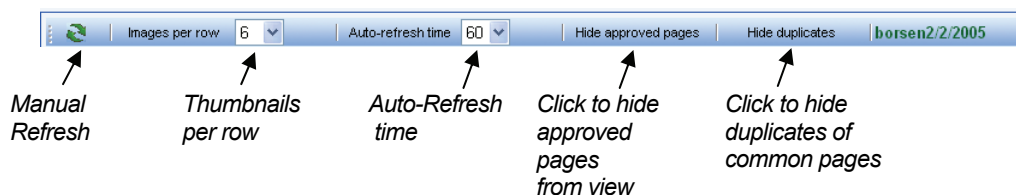
The page symbols have background colors reflecting the approval status.



1.6 Thumbnail menu bar

Above the thumbnails the menu bar allows adjustments to the view (pages per row) and auto.refresh time. Set to 0 to turn off auto-refresh.

To exclude already approved pages from the screen click the **Hide approved Pages** button. This is convenient as only pages needing attention will be shown.



Thumbnail toolbar

1.7 Plate view

Selecting the plate view tab will show the graphical status of all plates to be produced. Plate images cannot be zoomed. The view is for status overview only. Individual flats can be approved (approves all pages on the flat) and held/released for production.

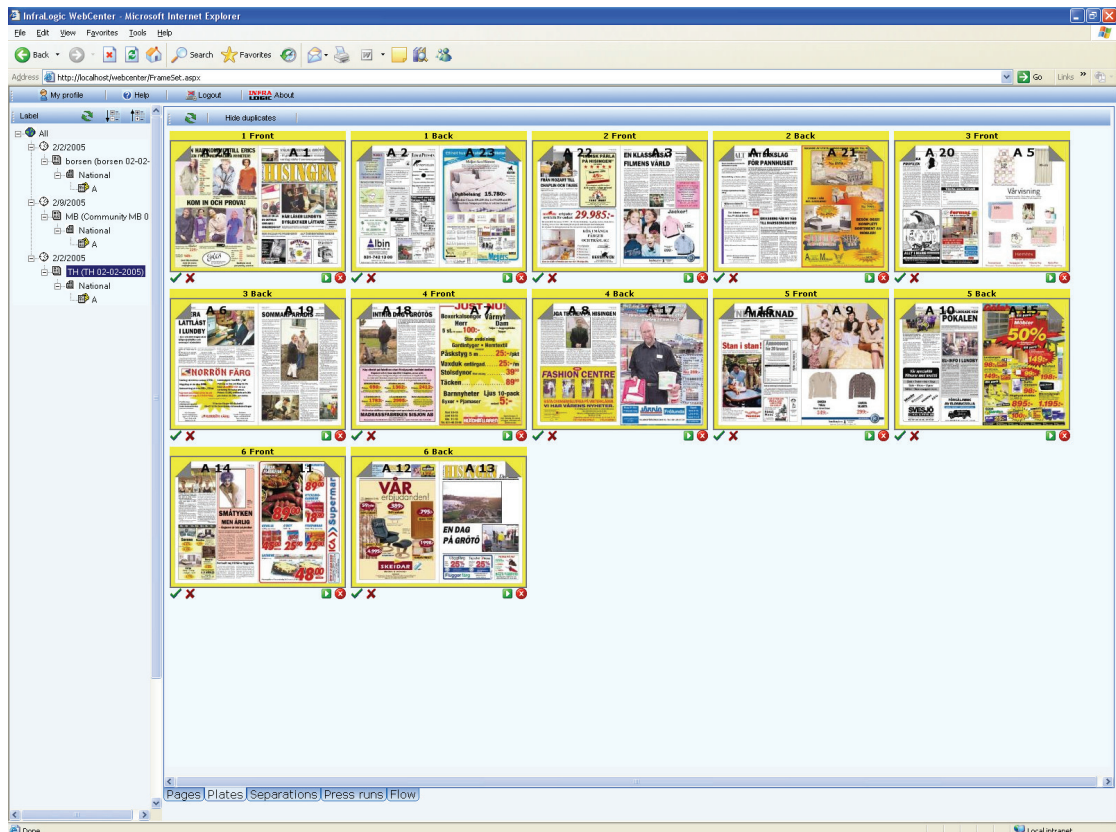
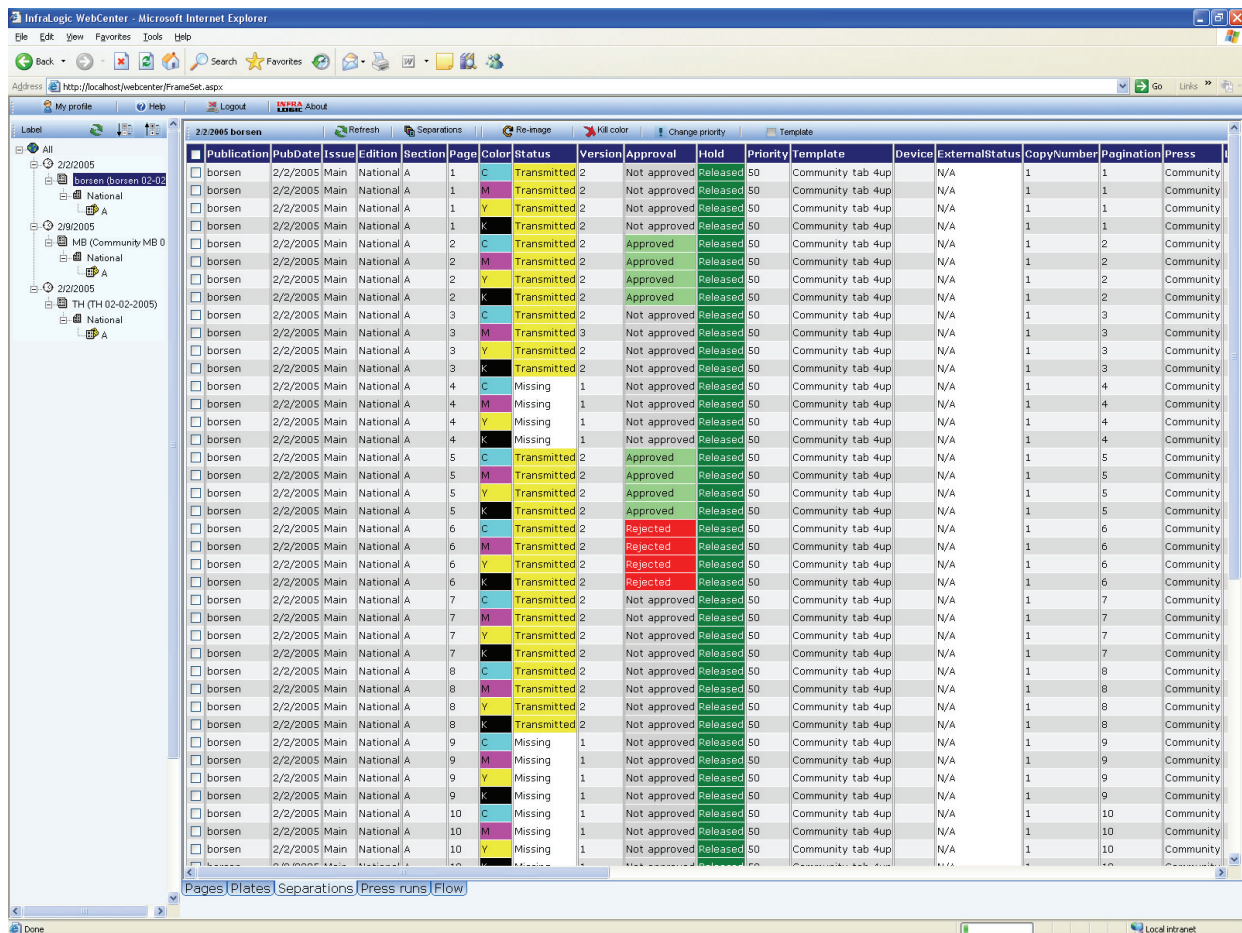


Plate view showing imposed product

1.8 Separation view

A detailed list of separations/pages for a given product can be viewed clicking the Separation tab.

Select a separation by clicking the checkbox to the left and click re-image, Kill colors, Change priority or Change template to change existing production parameters.



Separation list view. Select separations using the left hand side checkboxes

1.9 Plan view

Plan view is only available for users with rights to create plans.

Plans may be created by customers/editorial as temporary page plans ahead of production planning time. The purpose of adding temporary page plans is to create place-holders for early submitted material and for communicating color requirements to the printer. Having page count, colors, sections etc. planned as early as possible allows early RIP'ing and approval of pages. When the production department knows exactly how to print the product, they will apply a press plan to the product – e.g. for page-pairing.

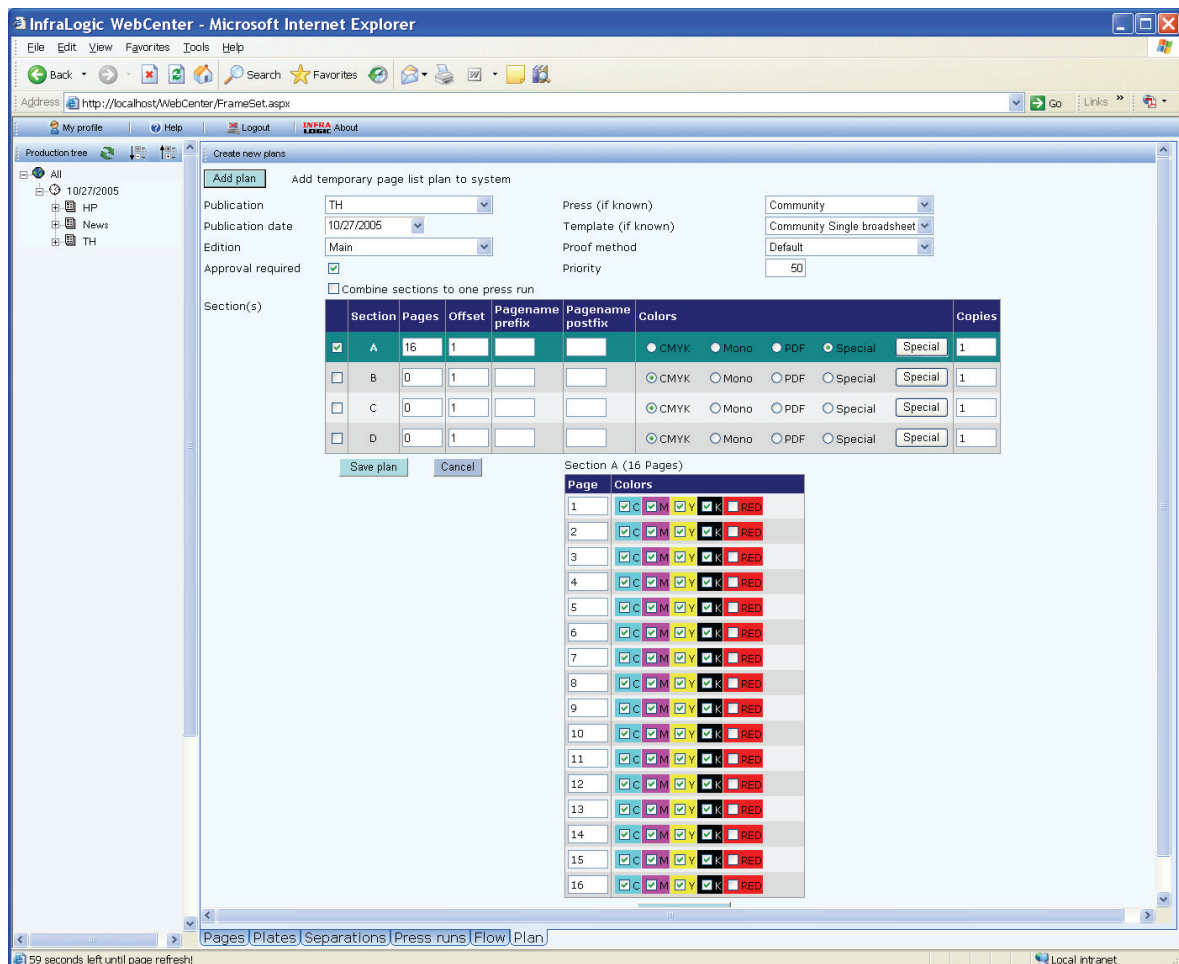
Start a new plan by clicking the **Add Plan** button.

Fill-in / select the product details such as Publication name, publication date, edition name etc.

For each section, check the checkbox in the Section-matrix, enter number of pages and select colormode – CMYK, mono, PDF or Special. For special color requirements click the **Special** button to display the page-color matrix for the

section. The this matrix colors are selected with the checkboxes. Also special page names can be edited in the matrix.

When done click the **Save plan** button and refresh the tree on the left hand side to show the newly created plan in the tree.



1.10 Statistics

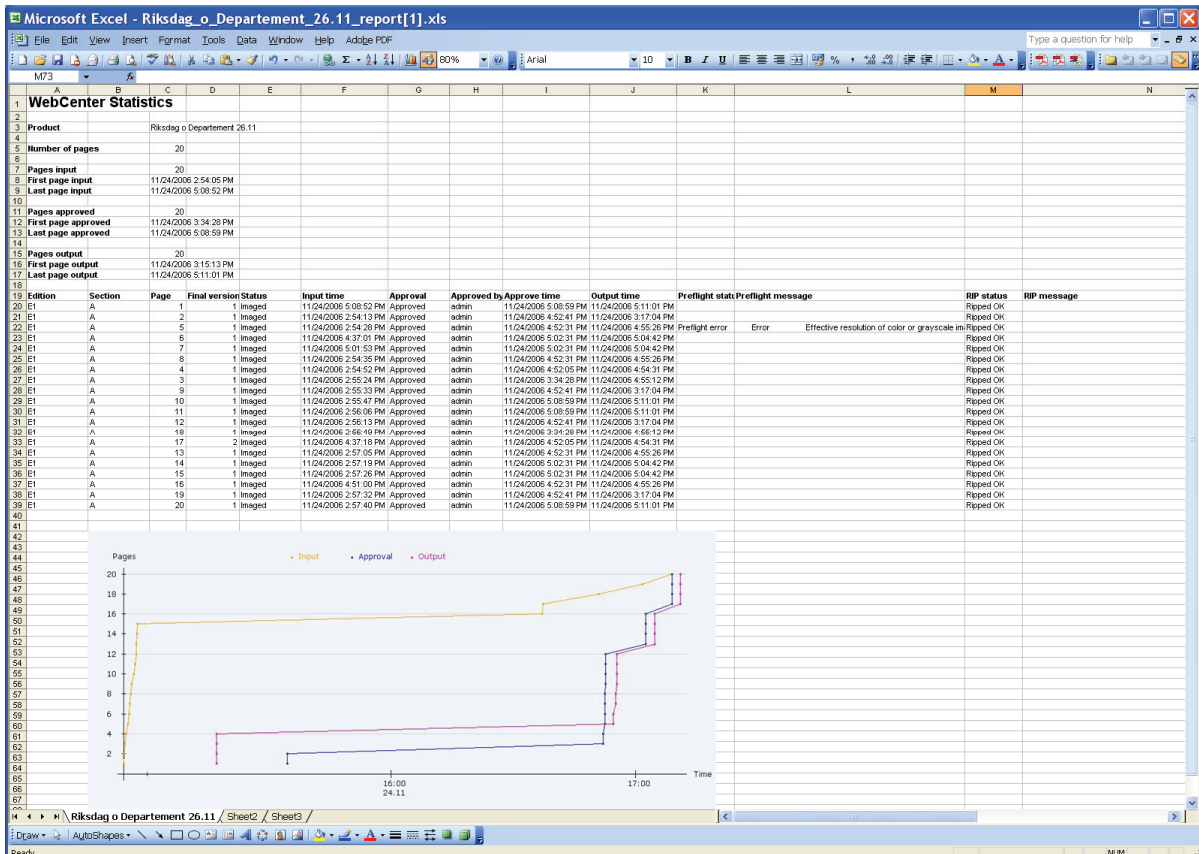
WebCenter allows statistical information to be views and downloaded for post-production analysis.

Select a product in the Production Tree (a full product or a partial product). The Statistics page will show the timely distribution of page reception, page approval and page output. Along with the time graphs a summary is shown.

For archiving and further analysis a summary report can be downloaded clicking the button **Download Excel Report**.



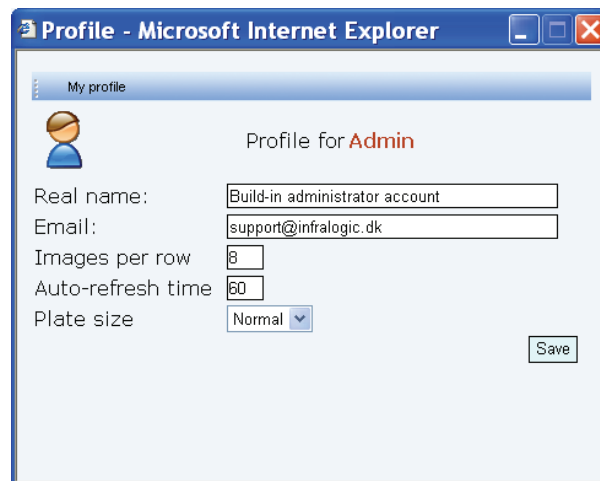
Statistics view shows the timely distribution on pages coming into the system and going out.



A sample Excel file downloaded from WebCenter.

1.11 Changing user profile

Certain parameters related to the preferred sizes of thumbnails and plates in PlateView can be in the user profile. Click **My profile** in the top menu to access your profile screen. Press **Save** when done. The saved settings will now be defaults next time you log in.



The screenshot shows a web browser window titled "Profile - Microsoft Internet Explorer". The page content is titled "My profile" and "Profile for Admin". It contains a user icon and several input fields for profile settings:

- Real name: Build-in administrator account
- Email: support@infralogic.dk
- Images per row: 8
- Auto-refresh time: 60
- Plate size: Normal (dropdown menu)

A "Save" button is located at the bottom right of the form.

2 Web application installation

2.1 Installation checklist

Installation of web applications can sometimes be tricky due to security issues. The following checklist is provided to assist the installation.

a. Web server installation

The following description assumes that the Microsoft IIS5 or IIS6 has been installed on the web server.

b. .NET Framework

WebCenter and other web based ControlCenter applications are implemented using APS.NET. In order to execute the ASP.NET application, the Microsoft .NET Framework must be installed on the server. The WebCenter installation program will check for the presence of the framework, and will direct the user to the Microsoft download page if required.

The current release is based on .NET Framework 1.1

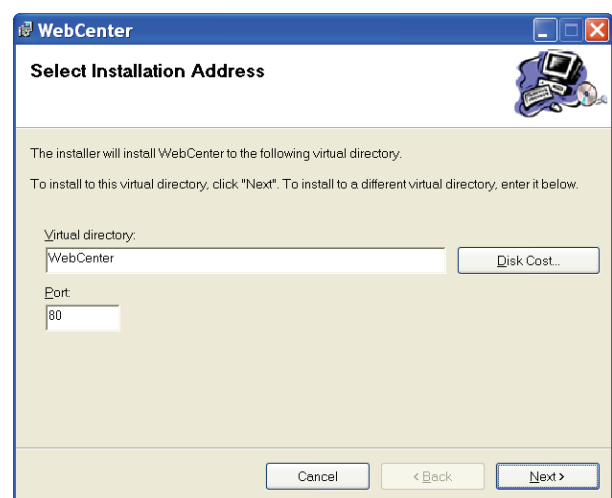
At this point, please launch the installation program (setup.exe or WebCenterSetup.msi)

c. Web folder

The WebCenter setup program will create the main web folder for the web application. The folder will be shared as a so-called virtual folder for web users, so that browsers can access the application using a URL to the folder, e.g.

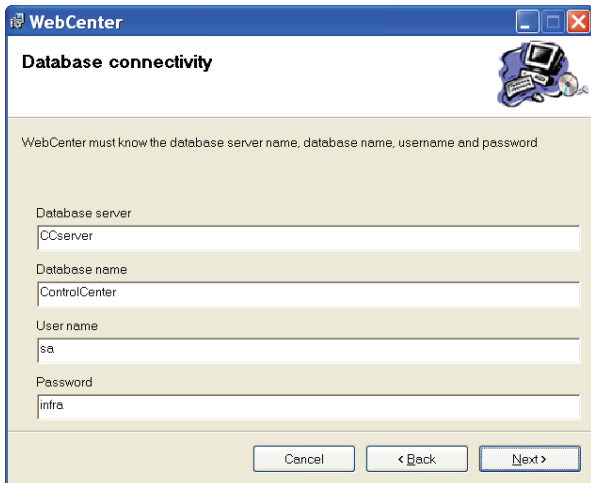
<http://www.mysite.com/WebCenter>.

The default virtual folder name is *WebCenter*.



d. Database connectivity

The web application needs access to the database. Enter database server name and login parameters. Note that if a firewall exists between the web server and the database server, the database server port may be required in the server name (e.g. CCserver:1433).

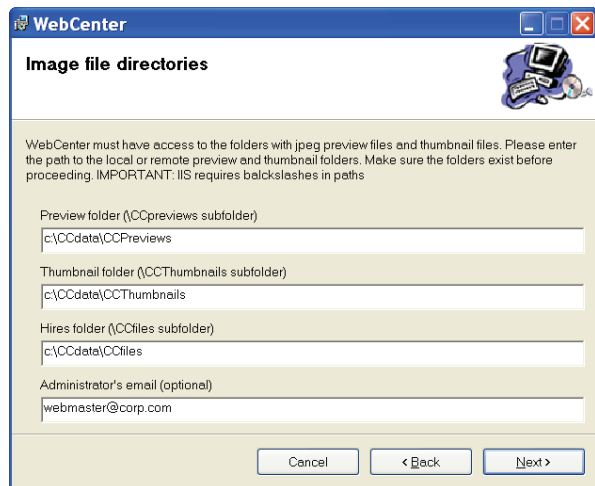


The screenshot shows the 'Database connectivity' window in the WebCenter application. It contains a title bar with 'WebCenter' and standard window controls. Below the title bar is a header area with the title 'Database connectivity' and a small icon of a computer and database. The main area has a message: 'WebCenter must know the database server name, database name, username and password'. Below this are four text input fields: 'Database server' (containing 'CCserver'), 'Database name' (containing 'ControlCenter'), 'User name' (containing 'sa'), and 'Password' (containing 'infra'). At the bottom are three buttons: 'Cancel', '< Back', and 'Next >'.

e. Preview data folders

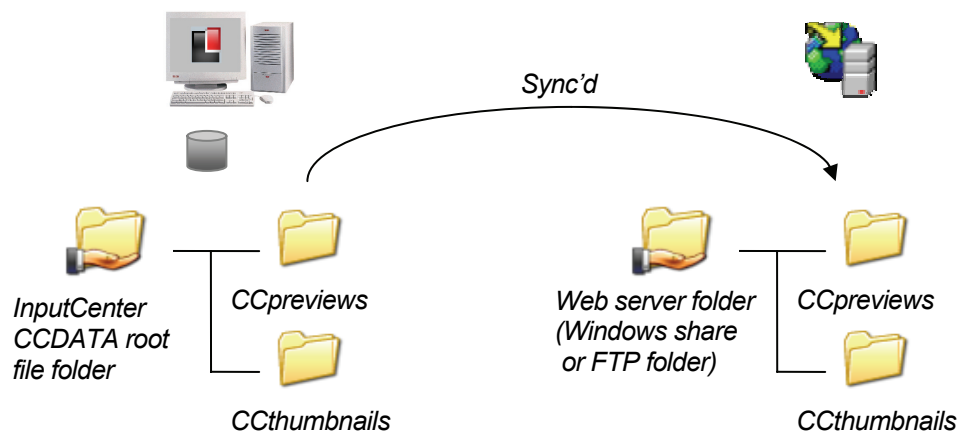
WebCenter must have access to preview files and thumbnail files. If the InputCenter server and web server are not the same machine, a local synchronized copy of each preview on the web server is highly recommended. Otherwise the user will experience long delays on browser refresh requests.

Local copies of the previews and thumbnails are provided by the InputCenter application. Please see *ControlCenter Enterprise User Guide* for configuration of the file synchronization (chapter 3.4).



The screenshot shows the 'Image file directories' window in the WebCenter application. It contains a title bar with 'WebCenter' and standard window controls. Below the title bar is a header area with the title 'Image file directories' and a small icon of a computer and database. The main area has a message: 'WebCenter must have access to the folders with jpeg preview files and thumbnail files. Please enter the path to the local or remote preview and thumbnail folders. Make sure the folders exist before proceeding. IMPORTANT: IIS requires backslashes in paths'. Below this are four text input fields: 'Preview folder (\\CCpreviews subfolder)' (containing 'c:\\CCdata\\CCPreviews'), 'Thumbnail folder (\\CCThumbnails subfolder)' (containing 'c:\\CCdata\\CCThumbnails'), 'Hires folder (\\CCfiles subfolder)' (containing 'c:\\CCdata\\CCfiles'), and 'Administrator's email (optional)' (containing 'webmaster@corp.com'). At the bottom are three buttons: 'Cancel', '< Back', and 'Next >'.

The hires image folder is only used for viewing PDF files.



Previews and thumbnail files must be available for the WebCcenter web application. In case the web server runs on another PC than the InputCenter, make sure InputCenter is configured to synchronize the files to the web server.

f. Testing

Before trying remote clients, try launching a browser on the server and go to address <http://localhost/WebCenter>. First time the web application is started the web server must compile the application which may take up to a minute. When the login screen appears enter username **Admin** and password **Root**. (default login account after a fresh installation).

2.2 Configuration

The actual WebCenter application will rarely be configured itself – the majority of the configuration lies on the user management. However, a number of parameters exists in the web.config XML file residing in the WebCenter installation folder.

NOTE: Editing the web.config file may bring down the web application if the XML syntax is violated. Remember to save a backup copy of the original web.config file before editing.

The syntax for parameters in the web.config file is as follows (example):

```
<add key="DefaultTreeExpansion" value="2" />
```

Only edit parameter elements in the `<appSettings>` element.

Parameter	Default	Description
Encoding	utf-8	Character encoding. Supported options are: utf-8 (western characters) gb2312 (Chinese) ks_c_5601-1987 (Korean)
Language	en	Language settings. Supported options are: en (English – US and UK) ko (Korean) zh-cn (Chinese) fi (Finnish) da (Danish) sv (Swedish) fr (French)
DefaultTreeExpansion	2	Production tree expansion on start-up. 1: To publication dates 2: To publications 3: To Editions (if avail.) 4: To sections (if avail).
PagesInTree	0	Pages are added to tree nodes. This may slow down tree refresh.
CloseZoomAfterApprove	1	Close preview window when Approve or Reject button is clicked.
SendMail	0	If 1 WebCenter will send e-mail on page reject to the configured recipients
SMTPServer		Mail server DNS or IP address
MailFrom		Mail FROM field
MailTo		Mail TO field (may be a comma-separated list)
MailCC		Mail CC field (may be a comma-separated list)
MailSubject	“WebCenter error notification: Page disapproved “	Mail Subject field
LogApproveEvent	0	Write log entry for every page approval action
LogRejectEvent	0	Write log entry for every page reject action
AlwaysPlanCMYK	1	Creates inactive C,M,Y separations in the database for planned mono productions.
HideDoubleBurnColors	1	Hides C2,M2,Y2,K2 second layer colors for selection in Plan view

TranslateTableHeaders	0	Enables language translation of column headers in Table View. Note that translated columns cannot be sorted.
UseFlashViewer	1	Uses Flash component for image zoom instead of java applet. InputCenter must be configured to generate Flash-jpg files.

2.3 Troubleshooting

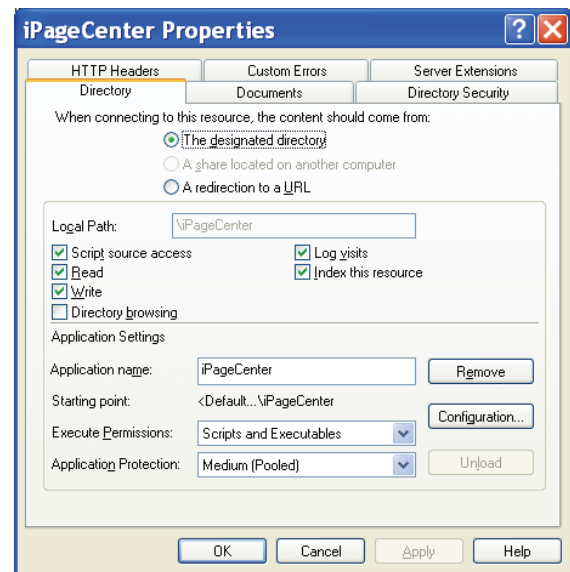
A. No login screen

If the login screen does not appear, check that the application folder is registered in IIS.

Do this using the *Internet Service Manager* in *Administrative Tools*.

Go to 'Default Web Site'. Under this site WebCenter must appear. If not the web application could not be installed. Most probably this is due to access right. Make sure have administrator rights before installing.

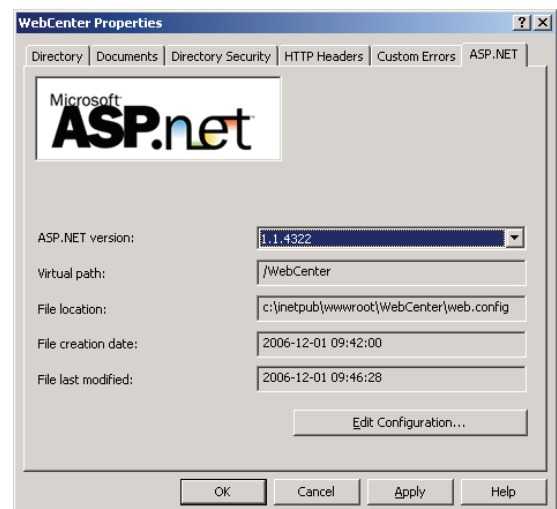
If WebCenter is present right-click WebCenter and select Properties.



Check that the application has execute permissions to Script and executables.

B Windows 2003 Server reports page not found error

In the *Internet Service Manager* select the ASP.NET tab and ensure the ASP.NET version is set to 1.1.4322. (Default may have been set to 2.00 at installation time)



C. No input fields for entering login name and password

If the login screen appears without text fields for user name and password the

common cause is that IIS was installed after the .NET framework. During installation of the framework certain script execution modules are hooked to IIS but only if IIS is installed before .NET framework.

To fix the problem, uninstall .NET framework (ControlPanel Add/Remove programs) and re-install it.

Alternatively enter the follow on a command prompt:

```
C:\Windows\Microsoft.NET\Framework\v1.1.4322\aspnet_regiis -i -enable
```

D Login fails

There may be problems accessing the database. Check the connection string in the web.config file located in the WebCenter folder.

Example:

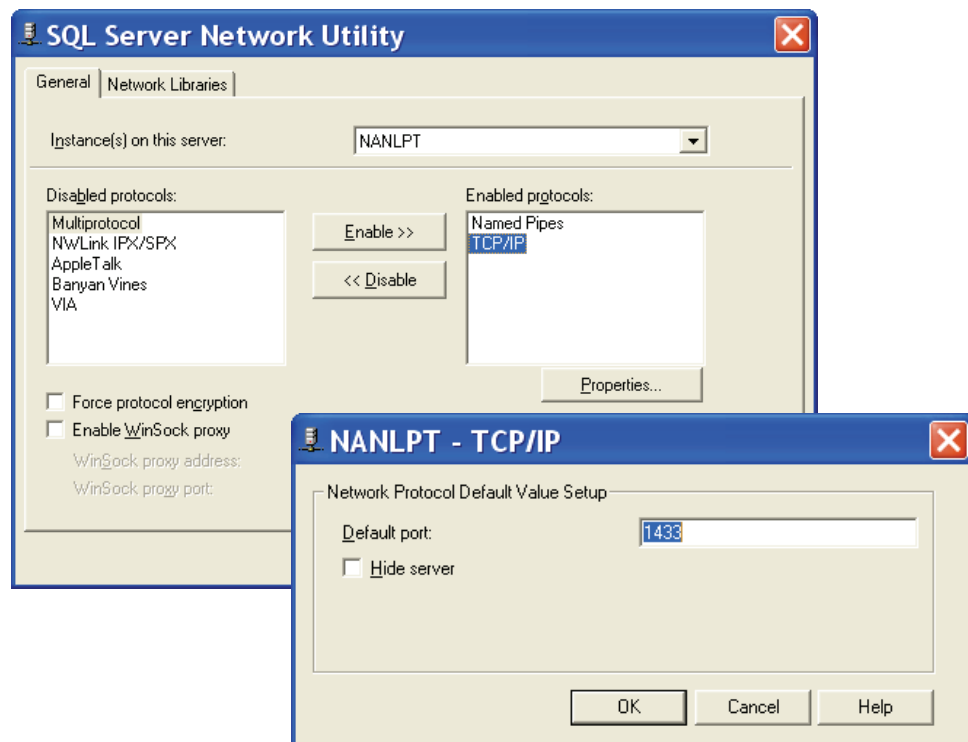
```
<add key="ConnectionString"
  value="server=CCSERVER;uid=sa;pwd=infra;database=ControlCenter" />
```

If no DNS server is reachable from the webserver, enter the IP number of the SQL server instead.

The connection to the SQL server uses a TCP port for communication. The default port is 1433. Make sure that this is not blocked by a firewall.

To change the default port in the WebCenter-side, enter the port-number after the servename like this:

```
<add key="ConnectionString"
  value="server=CCSERVER:1544;uid=sa;pwd=infra;database=ControlCenter"
/>
```



To change the port on the SQL server side, go to Server Network Utility. For MSDE change the port using regedt32 from the command prompt.

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSSQLServer\Client\SuperSocketNetLib\Tcp]
"DefaultPort"=dword:00000599
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSSQLServer\Client\SuperSocketNetLib\Via]
"DefaultServerPort"="0:1434"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSSQLServer\MSSQLServer\SuperSocketNetLib\Tcp]
"TcpPort"="1434"
```

WebCenter requires that at least one user exist in the ControlCenter database. Check that this user is present in the UserName table.

After a fresh installation of the ControlCenter database for user Admin (password root) is created with Administrator rights (may view all publications).

E. There are no thumbnail images

The virtual folders CCthumbnails and CCpreviews must exist. Check that the physical folders exist and check the presents of the virtual folders in Internet Service Manager.

If the web server and InputCenter runs of different machines, make sure to configure InputCenter to copy over thumbnails and previews to the web server. This is configured in the General Configuration menu in InputCenter.

F. Thumbnails are present but preview files cannot be opened

When clicking on a thumbnail the client opens up an image-zoomer applet. An applet is a small java program executing inside the browser. In order to execute java applets, the Java Runtime Engine must be installed. See section 1.1 for details.

G. GDI+ error

If you get the error "A generic error occurred in GDI+" while attempting to view Plates, Press runs or Flow, this is a known issue. To rectify, grant read and write permissions to the ASPNET user on the Security tab in the WebCenter install folder. The easiest workaround is to make the user ASPNET member of administrator group. Make sure to restart IIS Admin service after changing rights for ASPNET user

On Windows 2003 Server the following action must be taken instead:

For the WebCenter installation folder (e.g. c:\inetpub\wwwroot\webcenter) change security settings by adding the NETWORK SERVICE user and give this resource Full Control

3 Browser configuration

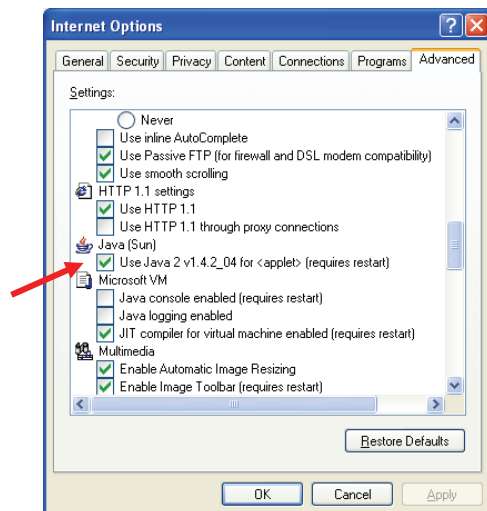
The image view in WebCenter is a so-called applet, which requires the java runtime engine (jre) browser-plug-in to be installed on the clients. The presents of the jre can be checked in the browser properties.

Note that cookies must be allowed for all browser versions.

3.1 Internet Explorer - PC

For Internet Explorer the runtime enabling is located in the *Tools->Internet options* menu. Select the *Advanced* tab and scroll down to see if the java runtime is installed.

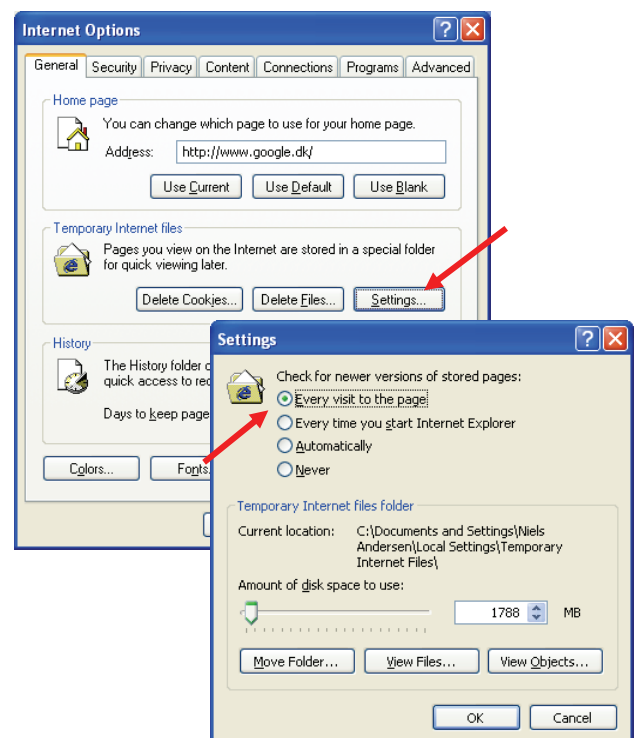
If the java (Sun) entry is not present in the option list it must be installed. On the login screen of WebCenter a link is present for installing the java runtime. Also the latest java runtime can be installed from <http://java.sun.com>.



Restart the browser after installation.

The browser must also be set to refresh its contents at each roundtrip to the server. Go to *Tools->Internet options* menu and click the *Settings* button in the General section. Select *Every visit to the page*.

Forgetting this setting may result in old thumbnails being shown in WebCenter due to browser caching.

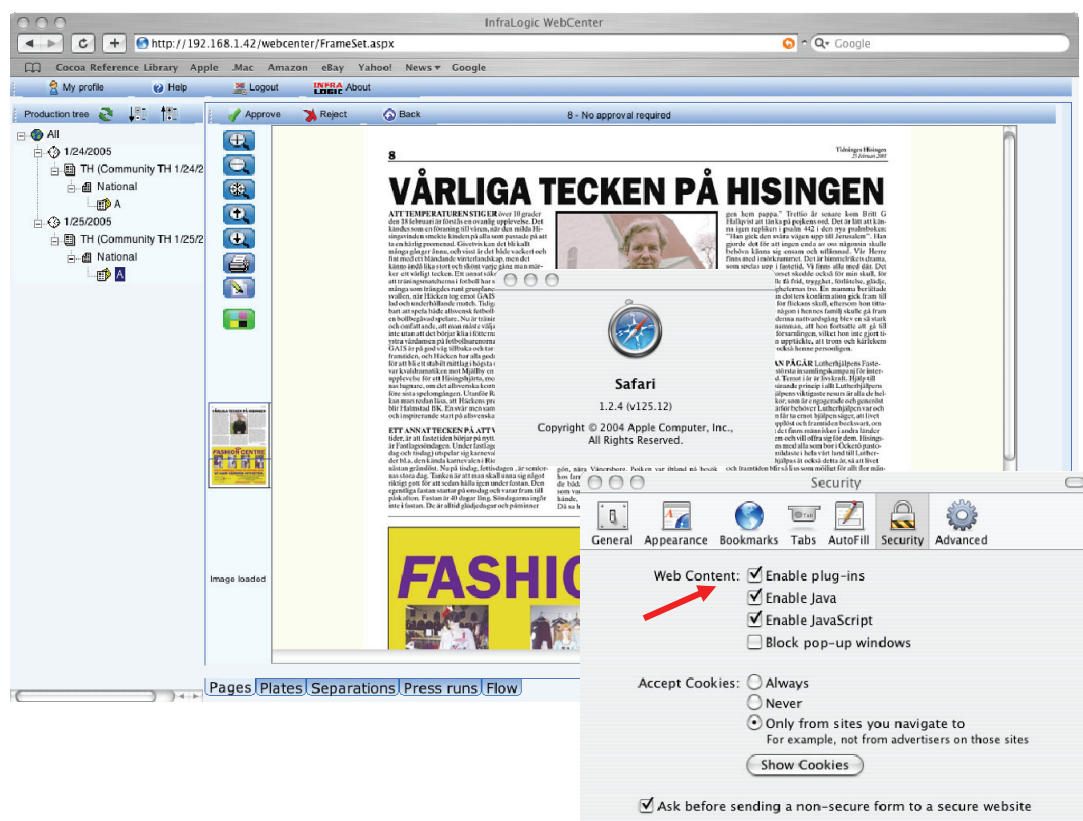


3.2 Mac OSX Safari

Safari 1.1 or later requires java runtime 1.4.1 or later for applet execution. Version 1.4.2 is recommended due to speed but it requires Safari 1.2 or later (which again requires OS 10.3.X or later).

To obtain the latest java version visit <http://www.apple.com/macosx/features/java>.

Make sure to enable java by setting Enable Java in *Preferences->Security*



4 Web User manager

The user system may restrict a user to only have access to certain publications and editions. Normally a user is a customer having access to his/her own products only.

Only administrator level users can run the Web User Manager – a login prompt will appear when starting the program

4.1 Installation

Web User manager can be installed from the installation CD: The program allows creation and editing of users and their rights per publication. During installation enter the ODBC DSN and user/password for the ControlCenter database connection.

The 'Web User Manager' window displays a table of users and a detailed configuration panel for the selected user.

User name	Full name	Email	User group	Enabled	Publications
Admin	Build-in administrator account	support@infral...	Administrator	Yes	2
Guest	Peek Only	support@infral...	Administrator	Yes	0
Operator	Clint Eastwood	support@infral...	Superuser	Yes	0

Buttons: Add, Apply, Delete

User details

Enabled: ☒

User name: Operator

Password: ****

User group: Superuser

Full name: Clint Eastwood

E-mail: support@infralogic.dk

May approve: ☒

Publication access

- ☒ HP
- ☒ MB
- ☐ ME
- ☒ News
- ☒ TH
- ☐ Unplanned

Buttons: Select all, Remove all

Edition access

- ☒ Main
- ☒ North
- ☒ North west
- ☒ South
- ☒ West

Buttons: Select all, Remove all

The 'Database connection' dialog box contains the following fields and options:

Database type: ControlCenter

Data source name: CC

User name: sa

Password: *****

Test..

☐ Keep connection open (recommended)

Buttons: OK, Cancel

If the database connection cannot be established when starting the application, go to the **Config->Database connection** menu and enter the correct database settings

4.2 Creating new users

Press the **Add** button to enable the input fields and fill out User name (login name), password, user group etc.

The following user groups are pre-defined in ControlCenter:

User group	Approve pages rights	Delete pages rights	Configuration rights
Administrator	YES	YES	YES
PowerUser	YES	YES	NO
User	YES	NO	NO
Guest	NO	NO	NO

For web page approval the *User* group is recommended.

Check the publications and editions visible for the user. Admin level users will always bypass the publication/edition filter and have access to all publications/editions.

Accounts can be prepared by adding the users and un-checking the **Enabled** flag. Once the system is ready for login the **Enabled** flags can be set.

4.3 Edit a user

Select a user in the user list (highlights) and press the **Edit** button. After adjusting settings press the **Apply** button