

2X ACCESS PORTAL

The 2X Access Portal allows users to launch published applications and desktops from multiple farms which are accessed through a web portal according to their filter settings.

Pre-requisites

- Windows 2003/2008 Server
- Microsoft .NET Framework II
- IIS6 or IIS7 with IIS6 Management capability
- 2X VirtualDesktopServer

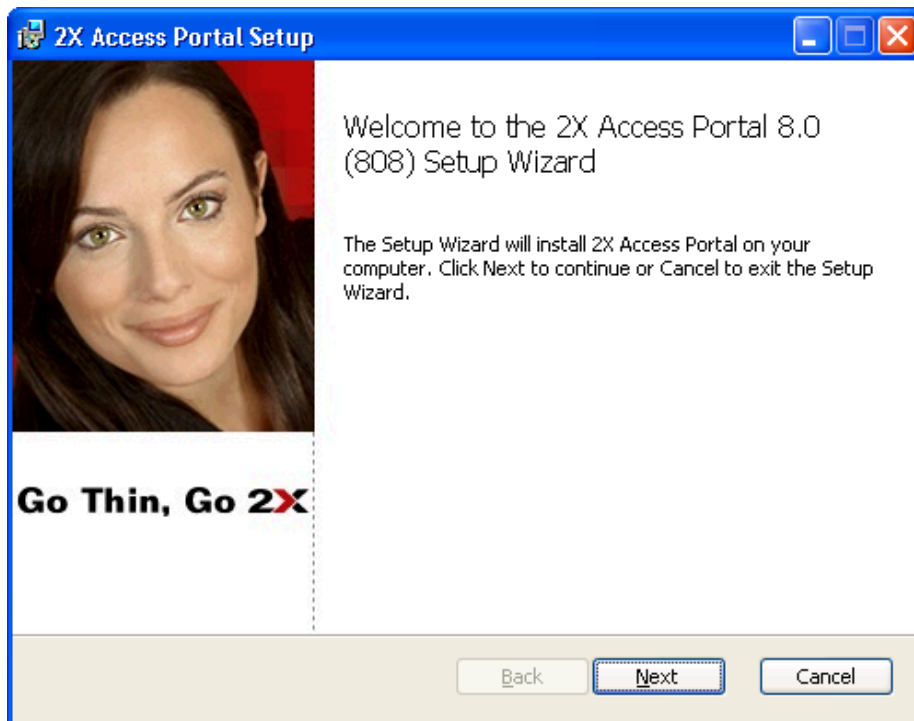
Client Operating Systems and Browsers supported

Installation

Run the 2X Access Portal setup program by double clicking on the '**2XWebPortal.msi**' or '2XWebPotal-x64.ms"file on an IIS machine to be used as your access point to the published applications from the Web Portal.

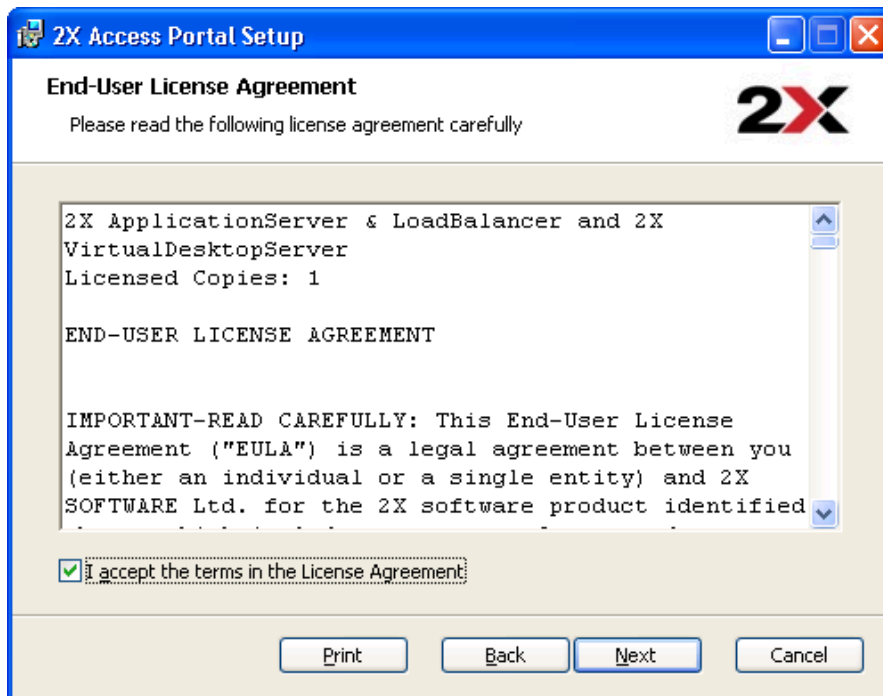
We recommend that you do not install the 2X Access Portal on an Active Directory machine. Make sure all other Windows programs are closed before beginning the installation.

A welcome dialog box will appear. Close other Windows programs and click 'Next'



Welcome to the 2X Access Portal Setup Wizard

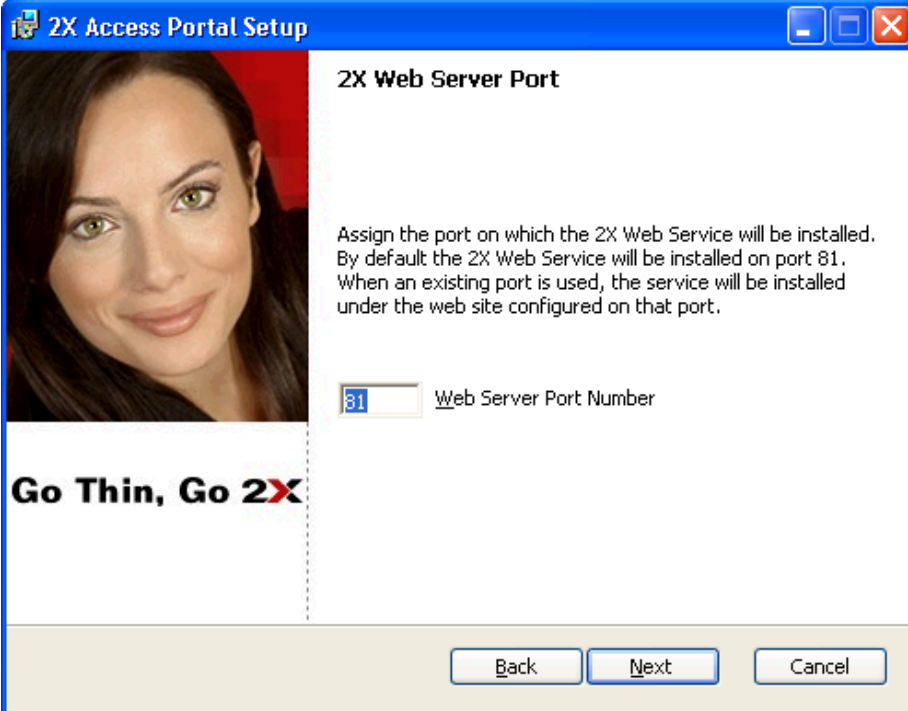
After reading the End-User License Agreement, accept the license agreement by enabling 'I accept the terms in the License Agreement' checkbox.



In this screen you're asked to assign the port on which the 2X Web Service will be installed. By default this 2X Web Portal will be installed on port 81.

Please note that 2X Secure Client Gateway is installed on port 80 by default and is configured to forward the HTTP requests to the localhost on port 81. Therefore the Clients will still be able to access the 2X Web Portal from port 80. You may choose to install the 2X Web Service on any other port and you can also use an existing port used by other web sites.

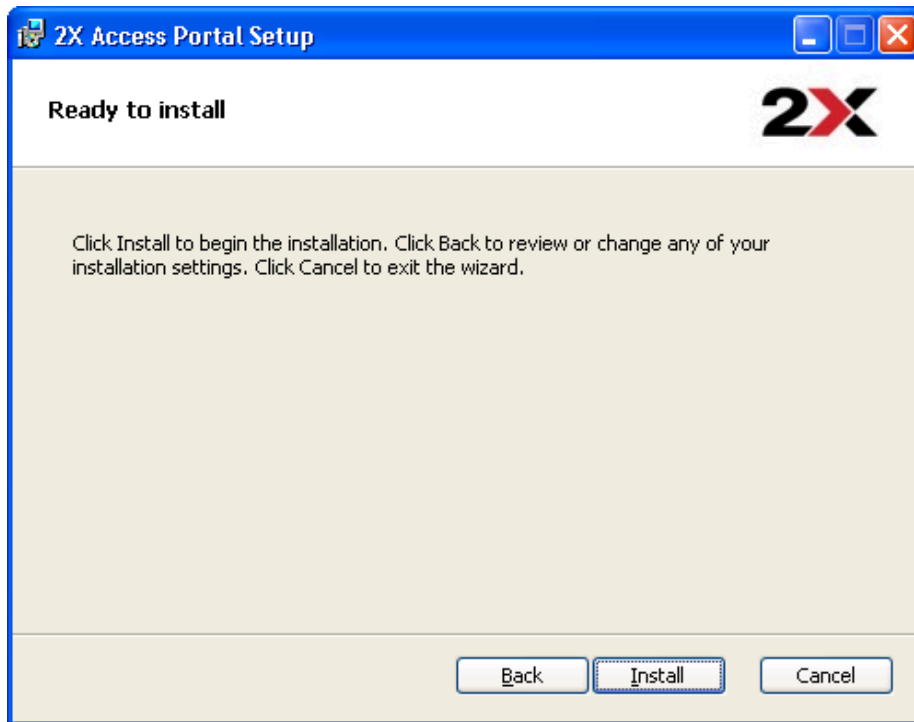
In this scenario, the service will be installed under the web site configured on that port.



The screenshot shows a Windows-style dialog box titled "2X Access Portal Setup". The main title of the dialog is "2X Web Server Port". On the left side, there is a portrait of a woman and the slogan "Go Thin, Go 2X". The right side contains the following text: "Assign the port on which the 2X Web Service will be installed. By default the 2X Web Service will be installed on port 81. When an existing port is used, the service will be installed under the web site configured on that port." Below this text is a text input field containing the number "81" and the label "Web Server Port Number". At the bottom of the dialog, there are three buttons: "Back", "Next", and "Cancel".

Web Portal – Web Server Port Number

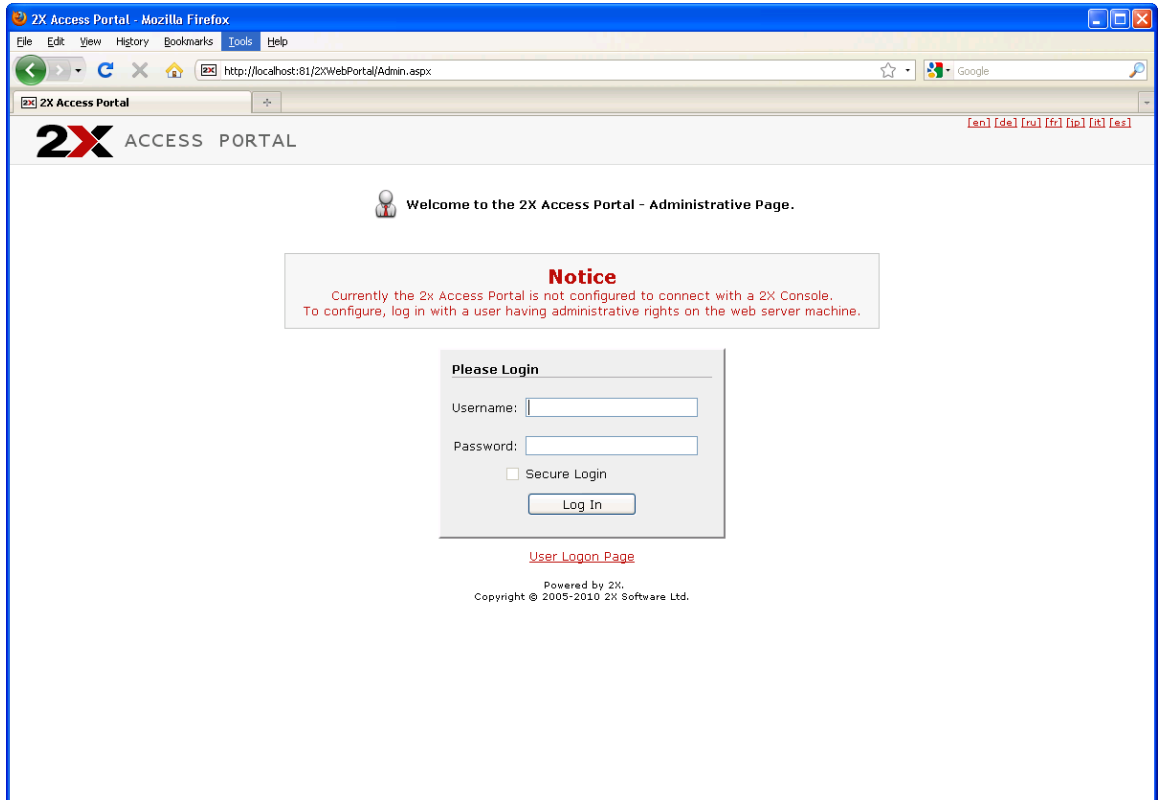
Click 'Install' to begin the installation - Setup will copy the required files and will create the service on the machine.



Web Portal - Ready to install

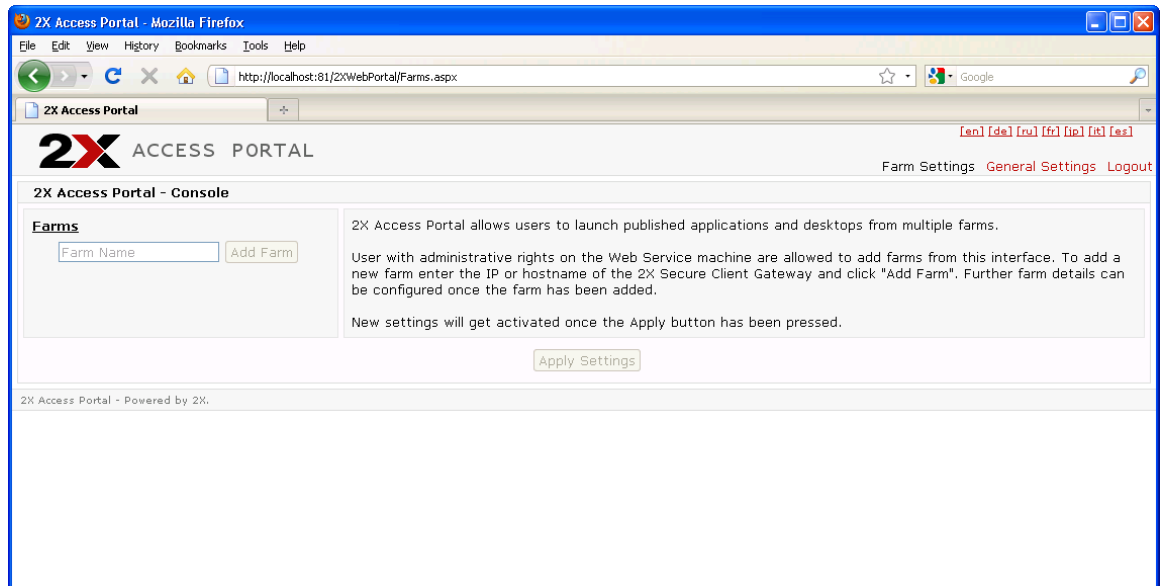
Configuration

The first step after installing the 2X Web Portal is to direct the browser to [http://localhost/2XWebPortal/Admin.aspx] and login with a username with administrative rights on the IIS machine.



Welcome to the 2X Access Portal

Add a Farm by entering the IP/hostname on the left side and click 'Add Farm'. You can configure how the 2X Web Service will connect with the 2X Secure Client Gateway in the 'Farm Details'.



Add a new farm

In the Farm Details, the Administrator should configure the settings of the 2X Secure Client Gateway for each farm.

The 2X Secure Client Gateway Details as shown in the figure below are used from the 2X Web Service to connect with the 2X Secure Client Gateway. Therefore these settings are primarily used for the connection between the 2X Web Service and the 2X Secure Client Gateway service.

Farm Details

These settings are used from the 2X Web Service and 2X Client to connect with the 2X Client Gateway of the selected farm.

2X Client Gateway Details:

Primary Hostname / IP:	<input type="text" value="T-Server01"/>
Secondary Hostname / IP:	<input type="text"/>
Connection type:	<input type="text" value="Direct Mode"/>
Port:	<input type="text" value="80"/>

[**Advanced Settings >>**](#)

Delete Farm

Configuring the Farm Details

To configure (override) the options of how the Client will connect with the 2X Secure Client Gateway, click the '*Advanced Settings*' options. These options allow the administrator to override the options that are used in the 2X Secure Client Gateway Details and give the ability to use different settings when 2X Clients are connected with the 2X Secure Client Gateway.

Farm Details

These settings are used from the 2X Web Service and 2X Client to connect with the 2X Client Gateway of the selected farm.

2X Client Gateway Details:

Primary Hostname / IP:	<input type="text" value="T-Server01"/>
Secondary Hostname / IP:	<input type="text"/>
Connection type:	<input type="text" value="Direct Mode"/>
Port:	<input type="text" value="80"/>

[**Advanced Settings <<**](#)

The following settings can be used to override different settings on the 2X Client.

<input type="checkbox"/> Override 2X Client Gateway IP/Host:	
Primary Hostname / IP:	<input type="text"/>
Secondary Hostname / IP:	<input type="text"/>
<input type="checkbox"/> Override Gateway Port	<input type="text" value="80"/>
<input type="checkbox"/> Override SSL Gateway Port	<input type="text" value="443"/>
Default Connection Mode:	<input type="text" value="Auto"/>

Delete Farm

Advanced Settings

After you configure the required settings, click 'Apply Settings' and log out. Log back in once again to retrieve the applications listing.

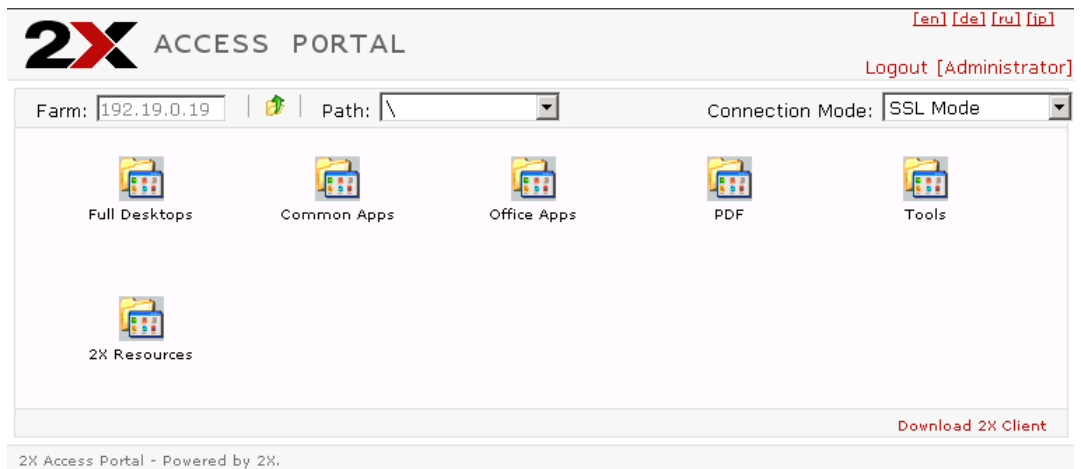
To test a basic client connection point the client's browsers to http://WEB_SERVER_NAME/2XWebPortal/Logon.aspx.

If the client is already installed it will be automatically detected, if not you will be guided on how to install the client. Please check "Client Operating Systems and Browsers supported" section to ensure you client Operating system and browser are supported.

After entering the user credentials in the 'Username' and 'Password' fields, the application list should be populated according to the Client filtering settings.

Username in UPN suffix format should be used to specify the user and domain. (i.e. user@domain)

Clients will be able to browse through the application groups by clicking on the icon of each application group or by using the path field. Clients are also allowed to select the connection mode in order to specify the connection mode used when connecting with the published application or desktop.



Application Listing

To connect in a secure mode one should enable SSL on the 2X VirtualDesktopServer or enable SSL on IIS.

Please Login

Username:

Password:

Secure Login

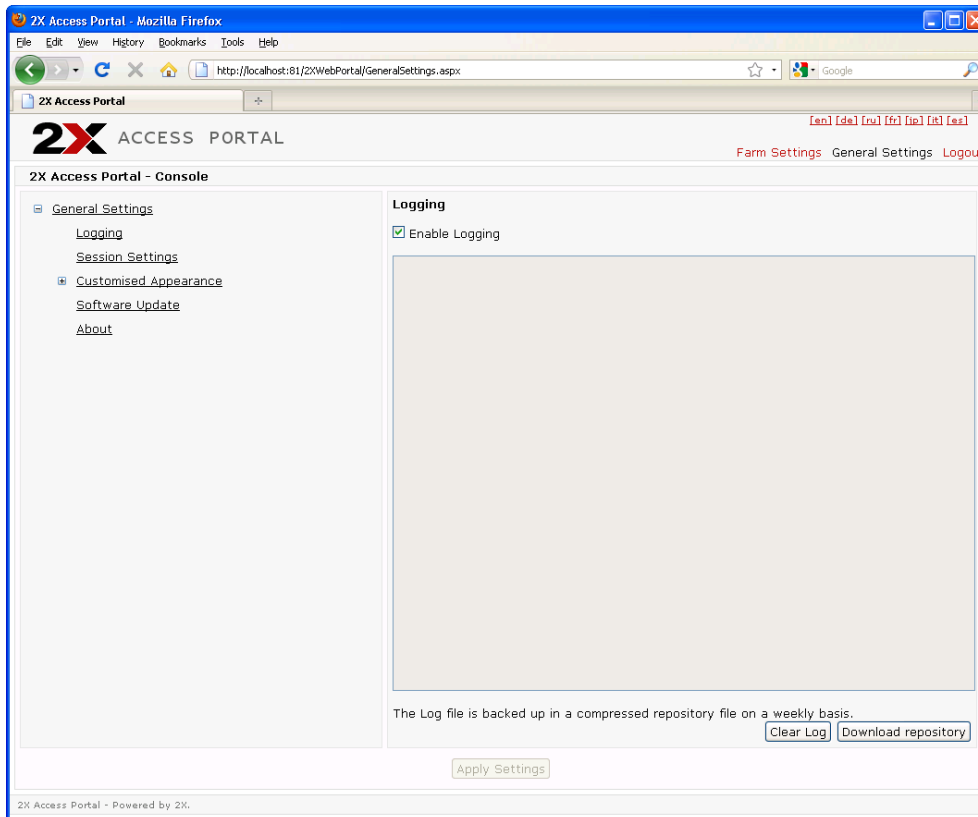
Secure Login

Once you have correctly configured one farm you can add more farms by using the above steps again. Click 'Apply Settings' to activate your settings.

General Settings

Logging

The 2X Access Portal can log all the actions that are carried out by an administrator or a user. The log can be cleared by clicking on '**Clear Log**'. 2X Access Portal will compress the log file to a repository on a weekly basis. Click on '**Download repository**' to download the stored logs.

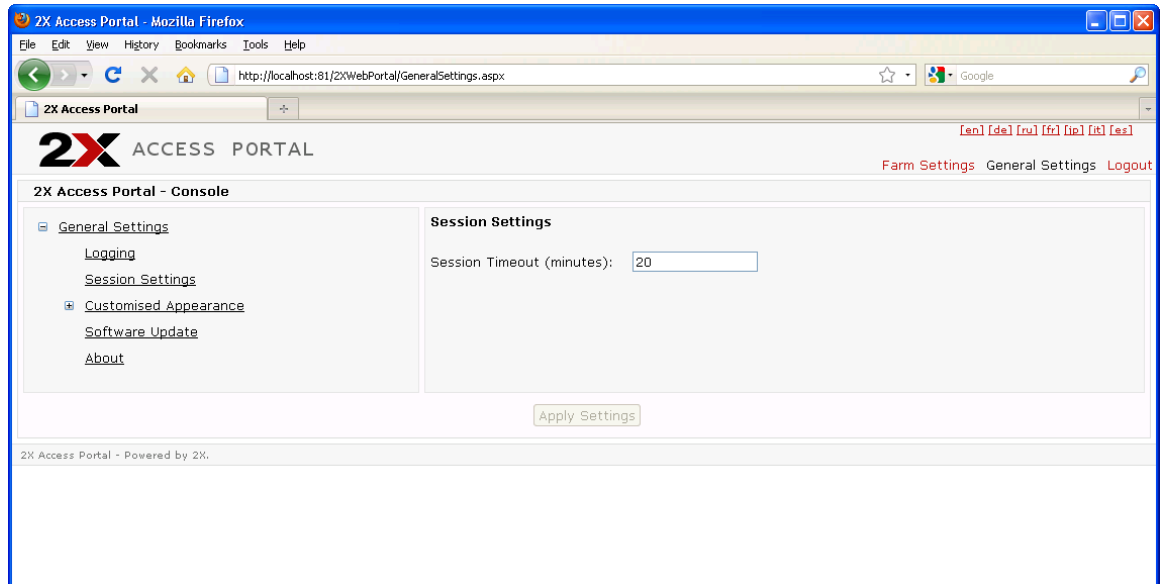


Logging

System Settings

The '**Session Timeout**' is the idle time that has to pass before the session ends. If the user does not refresh the page or navigate to a different page during a specified amount of time, the session will end. Enter the amount of time that needs to pass before the session is timed out and click on '**Apply Settings**'.

To describe client installation mode and type

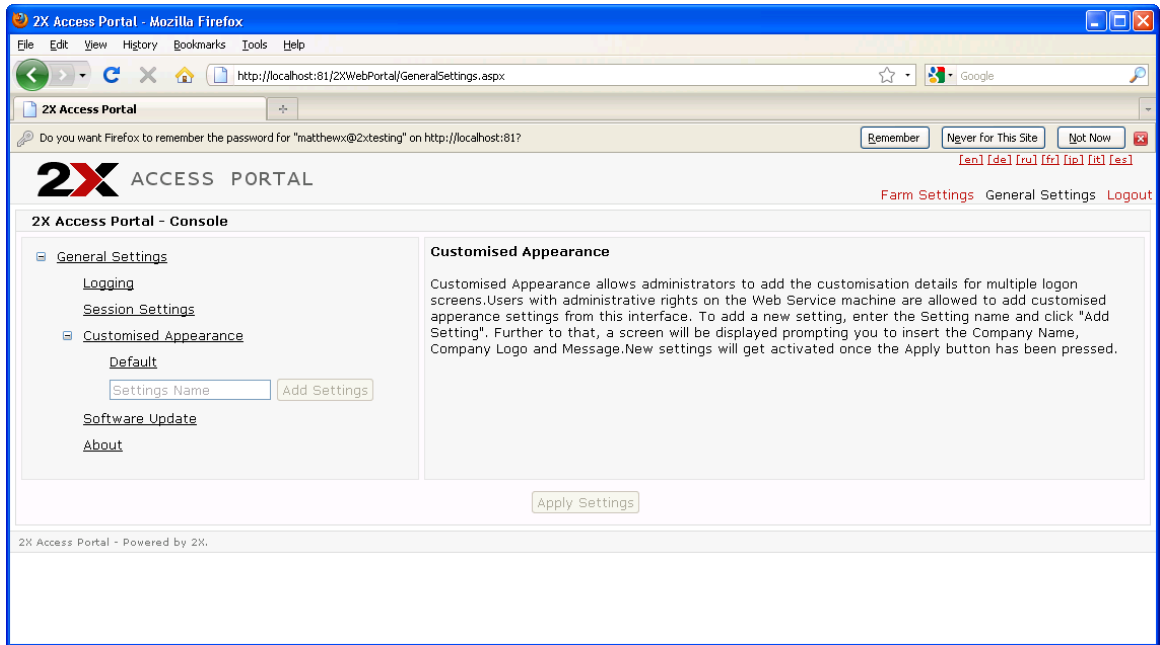


Setting the Session Timeout

Customized Appearance

The appearance of the 2X Access Portal can be customized to show a more personalized appearance. Different settings can be created with a custom company name, logo and message. Each profile will have a different URL that can be given to the users.

To add a new profile, enter the '**Settings Name**' and click on '**Add Settings**' as shown below.

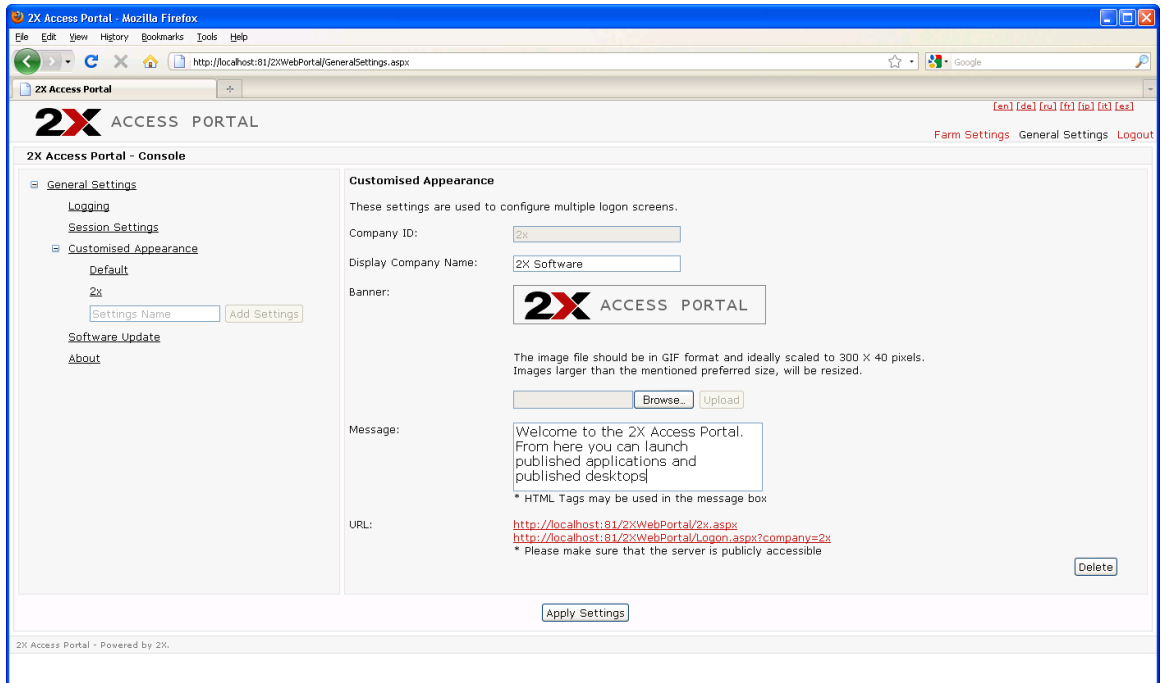


Customized Appearance

The '**Company ID**' is a unique ID that will distinguish between one profile and another. This is set by the system and cannot be change. The '**Company Name**' is the name of the Access Portal that will be displayed to the user. A custom message can also be added to be displayed to the user in the login page. The '**Message**' field accepts HTML text.

Default domian

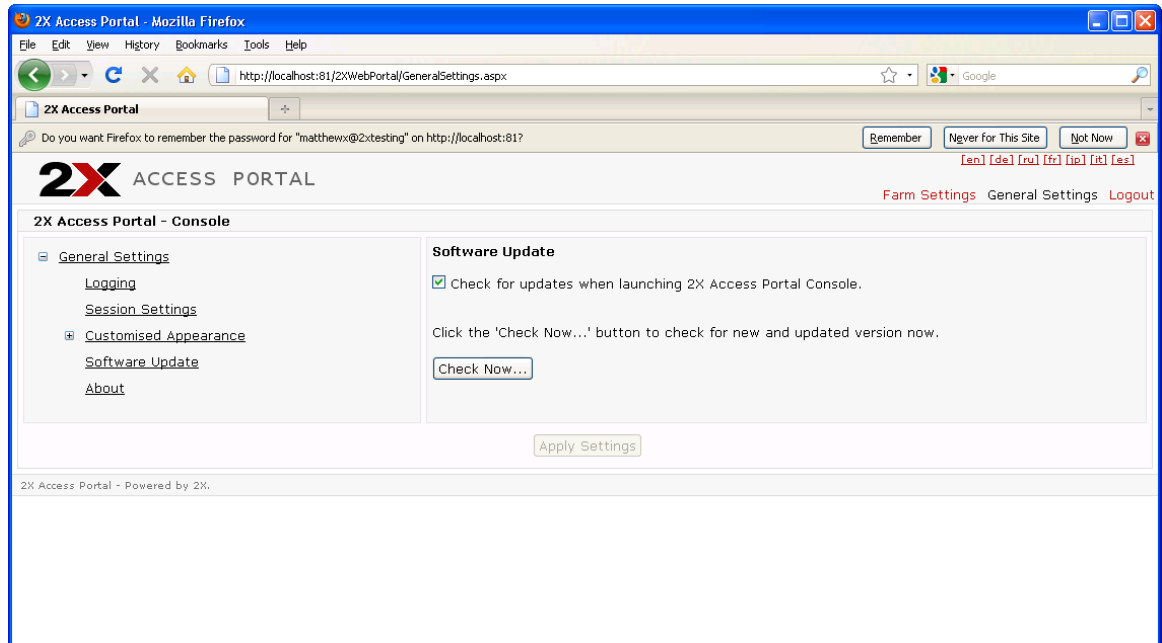
Global Message



Adding a customized appearance for 2X Software

Software Update

The 2X Access Portal is set to automatically check for updates online. If an update is found, the administrator will be prompted to download and install the update. The update feature can be disabled and can also be done manually using the 'Check Now...' button.

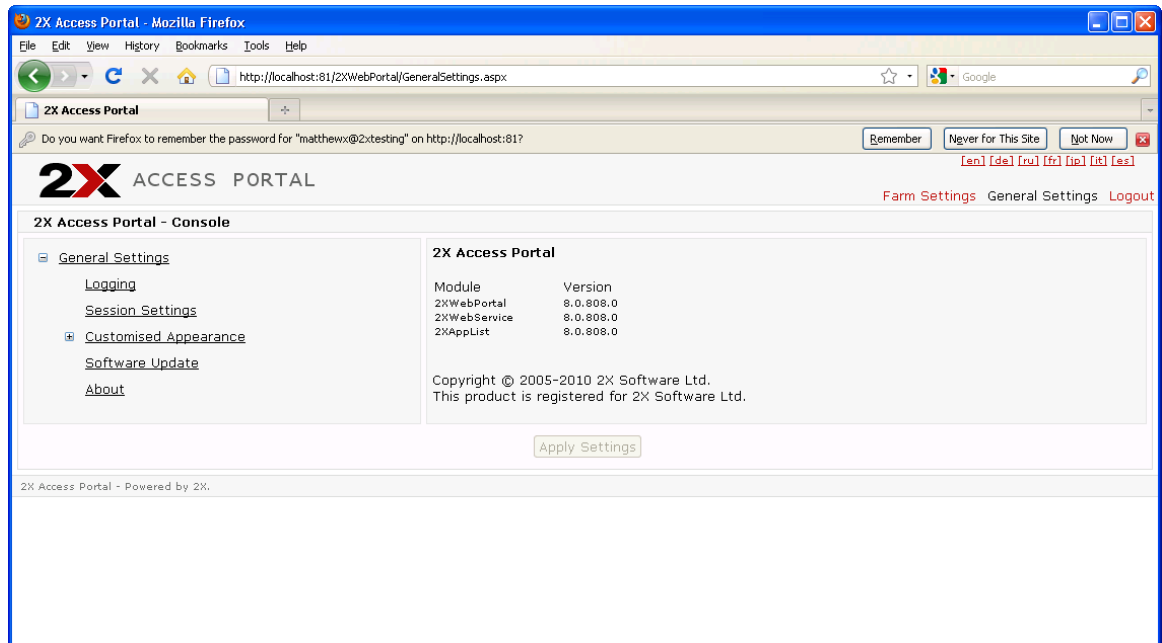


Software Update

Replication Settings

About

The about section provides information about the 2X Access Portal currently installed on the system.



About the 2X Access Portal

The 2X Access Portal is able to identify whether the 2X Client is installed or not.

When the 2X Access Portal identifies that the 2X Client is not installed on the client's system, a link to the appropriate client is displayed. The link is dynamically generated according to the request of the client's OS. By default this link points to the latest clients from www.2x.com/downloads. Some browsers need additional plug-ins so that the checking works. ActiveX must be installed if you are using Internet Explorer and Java is needed if you are using Opera or Google Chrome.

In order to replace the client to be downloaded you should place the client's setup files in the web portal client folder. (By default this folder is found at "c:\inetpub\wwwroot\2XWebPortal\clients"). If no setup files are found in this location, the latest client setup files are downloaded from www.2x.com/downloads.

Clients for different OS's can be placed in the mentioned folder and file names must be using the following names:

- Windows Client: 2XClient.msi
- Mac Client: 2XClient.dmg

- Linux Client: 2XClient.i386.rpm