

# Change My Expired Password Web Part

---

**Web Part Version: 1.0.0.0 MOSS 2007**  
**Document Version: 1.0.0.1 MOSS 2007**  
**Date: July 20, 2009**

## Change My Expired Password 1.0

Username:	<input type="text"/>
Old Password:	<input type="password"/>
New Password:	<input type="password"/>
Retype new Password:	<input type="password"/>
<input type="button" value="Change Password"/>	

## CONTENTS

1. LICENCE AGREEMENT	3
1.1. License Grants	3
1.2. License Restrictions	4
1.3. Limitation of Liability	4
1.4. Free Demo vs. Licensed Full Versions	4
1.5. License Activation	5
2. VERSION HISTORY	7
3. PLATFORM	7
4. KNOWN LIMITATIONS	7
5. INSTALLATION	8
6. USAGE	9
6.1. Overview	9
6.2. Use credentials to change the password	9
6.3. Allow anonymous access	10
6.4. Place the Web Part on this site	11
7. FREQUENTLY ASKED QUESTIONS	11
8. WEB PART PROPERTY REFERENCE	12
8.1. Change My Expired Password Settings	12

## 1. LICENCE AGREEMENT

YOU USE THIS PIECE OF SOFTWARE ON YOUR OWN RESPONSIBILITY. ADVIS RESERVES THE RIGHT NOT TO BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE USE OF THIS SOFTWARE. BY INSTALLING AND USING THE SOFTWARE, YOU ARE CONFIRMING YOUR ACCEPTANCE OF THE SOFTWARE AND AGREEING TO THE TERMS OF THE LICENSE AGREEMENT.

### IMPORTANT:

THIS SOFTWARE LICENSE AGREEMENT IS A LEGAL AGREEMENT BETWEEN YOU (EITHER AN INDIVIDUAL OR A SINGLE ENTITY) AND ADVIS AG. READ IT CAREFULLY BEFORE INSTALLING AND USING THE SOFTWARE. BY INSTALLING AND USING THE SOFTWARE, YOU ARE CONFIRMING YOUR ACCEPTANCE OF THE SOFTWARE AND AGREEING TO THE TERMS OF THIS LICENSE AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS LICENSE AGREEMENT, THEN DO NOT INSTALL THE SOFTWARE.

### 1.1. License Grants

Your license rights under this license agreement are non-exclusive. In the event that you fail to comply with this license agreement, ADVIS may terminate the license and you must destroy all copies of the Software.

#### License Grants Single Server License

The **Change My Expired Password** Web Part single server license grants you the right to install and use the **Change My Expired Password** web part on one SharePoint server (physical server). On this server, the web part can be used on an unlimited number of virtual servers, sites, areas and pages and by an unlimited number of users.

#### License Grants Server Farm License

The **Change My Expired Password** Web Part server farm license grants you the right to install and use the **Change My Expired Password** web part on an unlimited number of SharePoint servers (physical servers), as long as these servers belong to the same SharePoint server farm. The term "SharePoint server farm" is defined in this context as a group of SharePoint servers, using the same SharePoint configuration database on the same database server. On these servers, the web part can be used on an unlimited number of virtual servers, sites, areas and pages and by an unlimited number of users.

#### License Grants Enterprise License

The **Change My Expired Password** Web Part enterprise license grants you the right to install and use the **Change My Expired Password** web part on an unlimited number of SharePoint servers (physical servers) within your company. On these servers, the web part can be used on an unlimited number of virtual servers, sites, areas and pages and by an unlimited number of users, as long the users belong to the same company (legal entity).

#### License Grants Trial License

The **Change My Expired Password** Web Part trial license grants you the right to install and use the **Change My Expired Password** web part on an unlimited number of SharePoint servers (physical servers) within your company. On these servers, the web part can be used on an unlimited number of virtual servers, sites, areas and pages and by an unlimited number of users.

The trial license will expire at a specified date. After this date, the license becomes a free demo license.

#### License Grants Free Demo Version

The free demo version of the **Change My Expired Password** Web Part can be freely copied, installed and used on as many servers and by as many users as you want.

## 1.2. License Restrictions

The granted permission is subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software.
2. The software may not be included in any part of commercially available software packages which are sold for any value.
3. The software may not be merged, modified, adapted, translated or altered in any form.
4. The software may not be disassembled, inherited, decompiled, reverse engineered, or otherwise broken down to determine source code origin and alter source code logic.

## 1.3. Limitation of Liability

This software (**Change My Expired Password** Web Part) is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software. ADVIS provides no guaranteed technical support for the software aside from the forums on the web site <http://sharepoint.advis.ch>.

## 1.4. Free Demo vs. Licensed Full Versions

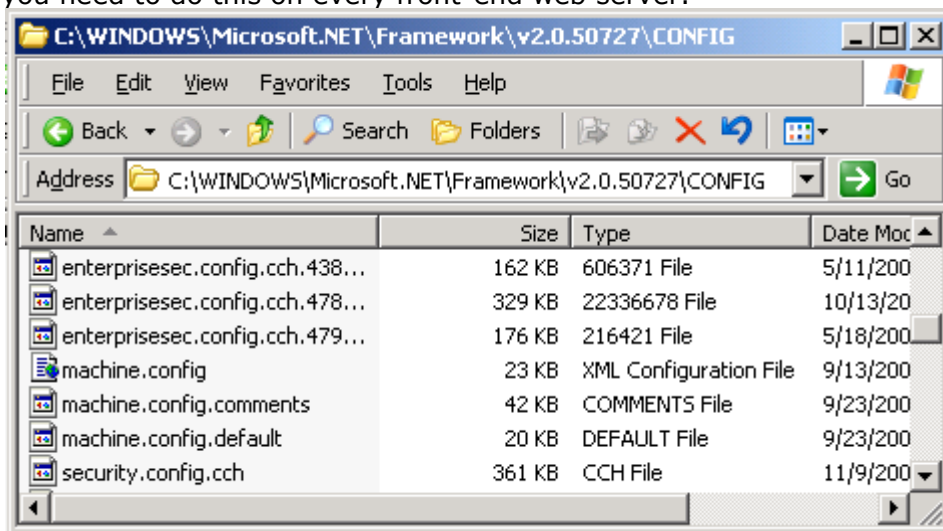
The only difference between the free and the full versions of **Change My Expired Password** is that the free demo version shows a copyright notice at the bottom of the web part.

## 1.5. License Activation

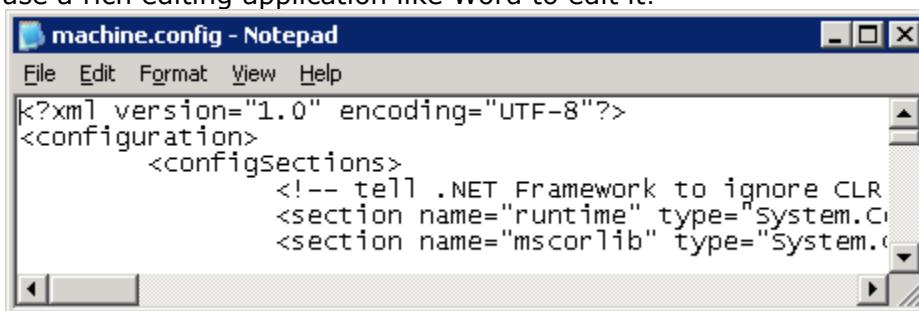
Upon purchasing the web part, you will get a license code (activation code) from us. This license code has to be entered in the configuration file "machine.config" (or web.config) on every server the web part will be used.

Here are the details on how to do this:

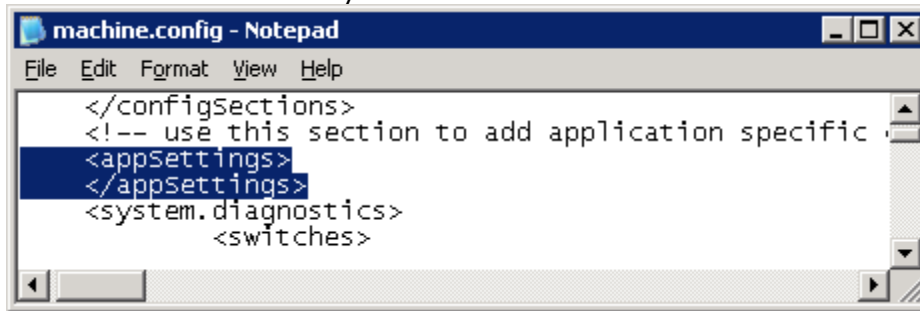
1. Upon purchasing, you will get a license code from us. This license code will look something like this: *FRtroYyaCsNb+7pNdEENJrIJ7/ZowUBuFHuyaV2oXBfinYrBm6IYMW7N+B3c46S5*
2. Locate the file machine.config on your SharePoint server. If you run a SharePoint server farm, you need to do this on every front-end web server.



3. Open machine.config with a text editor like Notepad. Machine.config is a plain text file. Do not use a rich editing application like Word to edit it!



4. Locate the <appSettings> section in machine.config. Make sure this section isn't commented out with <!-- ... --> as it is by default.



5. Insert a line like this:

```
<add key="ADVIS.WebParts.webpartname.Licensecode" value="liccode" />
```

Replace *webpartname* with the actual name of the web part (ChangeMyExpiredPassword) and *liccode* with the license code from step 1 above.

Valid web part names at this time are SiteNavigator, AreaNavigator, ChangeMyPassword, ChangeMyPasswordV3, ChangeMyExpiredPassword, ADManager and NavigationTrail.

Example:

```
<add key="ADVIS.WebParts.ChangeMyExpiredPassword.Licensecode"
value="FRtroYyaCsNb+7pNdEENJrlJ7/ZowUBuFHuyaV2oXBfinYr7N+B1f46S5" />
```

(without line break)

6. Save and close machine.config.

## 2. Version History

V1.0.0.1

- Minor changes

V1.0.0.0

- Initial Release

## 3. Platform

**Change My Expired Password** web part runs on:

- SharePoint Portal Server 2007
- Windows SharePoint Services 3.0

## 4. Known Limitations

- 1) If you have a more complex domain controller set-up with domain trusts it may be impossible to change the password of trusted domain users.
- 2) To change the password in Active you must specify an account in the configuration for impersonation.
- 3) To work properly, the web part needs to be placed into the GAC by using the installation option '-globalinstall'.
- 4) It's only possible to change the password of a user which is member of the specified domain or its sub domain. (e.g. advis.ch or dev.advis.ch)

## 5. INSTALLATION

1. Copy ChangeMyExpiredPassword\_V1.0.0.0.cab to a local directory on your SharePoint server.
2. Run stsadm.exe with the option addwppack to register the web part the way you like:  
e.g. (line breaks for readability; the whole command is on one line):

```
stsadm.exe      -o addwppack  
                -filename C:\Temp\ChangeMyExpiredPassword_V1.0.0.0.cab  
                -globalinstall  
                -force
```

stsadm.exe is located at

C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\BIN

Please consult your SharePoint documentation or the command line help (stsadm.exe -?) for more information about installing web parts with stsadm.exe.

Remark:

The web part must be installed into the global assembly cache (GAC) by using the "-globalinstall" option!

3. Restart IIS (e.g. by running iisreset.exe)

The Change My Expired Password web part is now installed. You can find and use it in the Virtual Server Gallery of your SharePoint server.

## 6. USAGE

### 6.1. Overview

The Change My Expired Password web part lets any user to change any password by providing the old password of the specified Active Directory user account. (Especially expired passwords of their own)

### 6.2. Use credentials to change the password

- 1) Identify a user account with the necessary access rights to read and write Active Directory informations.
- 2) Add a new Section to *machine.config* or *web.config*:

Open *machine.config* or *web.config* depending on if you want to configure the impersonation for the

- whole physical server (*machine.config*)

or per

- virtual server (*web.config*).

*machine.config* is located at C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\CONFIG

*web.config* is located at the root directory of your web site.

Add the following line in the **<configSections>** section:

```
<section name="ADVIS.WebParts.ChangeMyExpiredPassword"
type="ADVIS.WebParts.Configuration.ChangeMyPasswordSection,
ADVIS.WebParts.ChangeMyExpiredPassword, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=2fb4ce642a9762e6"/>
```

- 3) Add the user credentials for impersonation:

Add the following lines in the **<configuration>** section **after** the **<configSections>**:

```
<ADVIS.WebParts.ChangeMyExpiredPassword>
  <ImpersonationCredentials>
    <credential key="DirectoryEntryCredentials" adpath="path-to-your-ad"
      username="Domain\Username-of-the-impersonation-user"
      password="Password-of-the-impersonation-user"/>
  </ImpersonationCredentials>
</ADVIS.WebParts.ChangeMyExpiredPassword>
```

Replace "path-to-your-ad" with the Active Directory Path like "DC=advis,DC=ch"!

- 4) To encrypt this section use aspnet\_regiis.exe:

Open the command line tool.

Change the directory:

```
cd "C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727"
```

Encrypt the section:

```
aspnet_regiis.exe -pef "ADVIS.WebParts.ChangeMyExpiredPassword" "physical-path-to-your-config-file-directory" and press enter
```

To get help for this command, type "aspnet\_regiis.exe /?" to decrypt: change -pef to -pdf

### 6.3. Allow anonymous access

- 1) Go to your "Central Administration".
- 2) In the Central Administration site select "Application Management" either in the Quick Launch or across the top tabs.
- 3) Select "Authentication Providers" in the "Application Security" section
- 4) Click on the "Default" zone (or whatever zone you want to enable anonymous access for) \*
- 5) Under "Anonymous Access" click the check box to enable it and click "Save".  
(You can confirm that anonymous access is enabled by going into the IIS console and checking the Directory Security properties.)
- 6) In the IIS console locate the relevant web application and navigate (right-click) to its properties thru the context menu, click on "Directory Security" tab and click the "Edit" button in "Authentication and access control" section to get the "Authentication Methods". Impersonate the Anonymous access to the default user account called IUSR\_ + machine name!
- 7) Go to your site where you want to place the Change My Expired Password Web Part and navigate to the site settings page. In MOSS, this is under "Site Actions- Site Settings – Modify All Site Settings". In WSS it's under "Site Actions – Site Settings".
- 8) Under the "Users and Permissions" section click on "Advanced permissions".
- 9) On the "Settings" drop down menu (on the toolbar) select "Anonymous Access"
- 10) Select the option you want anonymous user to have (full access or documents and list only). Now users without logging in will get whatever option you allowed them.

#### NOTES:

- \* Make sure the "Web Application" in the menu at the top right is your portal site and not the admin site.

You will need to set up the steps 7-10 for all sites unless you have permission inheritance turned on.

If you don't see the "Anonymous Access" menu option in the "Settings" menu, it might not be allowed in Central Admin/IIS. You can manually navigate to "\_layouts/setanon.aspx" if you want, but the options will be greyed out if it hasn't been enabled in IIS.

#### 6.4. Place the Web Part on this site

- 1) Go to your site where you enabled anonymous access.
- 2) Add the web part on the page through "Site Actions – Edit Page" then "Add a Web Part" under "All Web Parts – Miscellaneous" select the Change My Expired Password 1.0 Web Part and then click "Add".

### 7. FREQUENTLY ASKED QUESTIONS

- Q Can I only change my expired password on a site where anonymous access is enabled?
- A Yes, that's right. Because you can't authenticate a user with an expired password on a SharePoint site.
- Q When I add the Web Part I get the following error message: "One of the properties of the Web Part has an incorrect format."
- A First you have to make the entries into your configuration file. See "Use credentials to change the password".

## 8. Web Part Property Reference

### 8.1. Change My Expired Password Settings

#### **Username Label**

*Property name:* LabelUsername

*Description:* Label to be shown in the left column of the username input field.

*Values:* <string>

*Default:* "Username:"

#### **Old Password Label**

*Property name:* LabelOldPw

*Description:* Label to be shown in the left column of the old password input field.

*Values:* <string>

*Default:* "Old Password:"

#### **New Password Label**

*Property name:* LabelNewPw

*Description:* Label to be shown in the left column of the new password input field.

*Values:* <string>

*Default:* "New Password:"

#### **Retype New Password Label**

*Property name:* LabelReNewPw

*Description:* Label to be shown in the left column of the retype new password input field.

*Values:* <string>

*Default:* "Retype New Password:"

#### **Change Password Button**

*Property name:* LabelChangePasswordButton

*Description:* Caption on the change password button.

*Values:* <string>

*Default:* "Change Password"

**Success Message**

*Property name:* SuccessMessage

*Description:* Error Message to be shown if the password was successfully changed.

*Values:* <string>

*Default:* "Password changed successfully"

**Credentials key name for password change**

*Property name:* DirectoryEntryCredentialsKey

*Description:* The key name of the change password credentials stored in the configuration files. See chapter *Use credentials to change password* for more information.

*Values:* <string>

*Default:* "DirectoryEntryCredentials"

**Error Message Credential key not found**

*Property name:* NoKey

*Description:* Error Message to be shown if the credentials key was not specified in the configuration.

*Values:* <string>

*Default:* "Please specify the DirectoryEntryCredentials-Key in your .config file."

**Error Message Wrong Credentials**

*Property name:* WrongCredentials

*Description:* Error Message to be shown if the provided credentials are wrong or the specified user has not enough rights.

*Values:* <string>

*Default:* "The credentials of the user from your .config file were wrong."

**Error Message Password requirements**

*Property name:* PasswordPolicies

*Description:* Error Message to be shown if the password does not meet password policy requirements.

*Values:* <string>

*Default:* "The password does not meet password policy requirements. Check the minimum password length, password complexity and password history requirements."

**Error Message Password do not match**

*Property name:* RetypePassword

*Description:* Error Message to be shown if the entered new passwords do not match.

*Values:* <string>

*Default:* "The passwords you typed do not match. Please insert the new password in both boxes."

**Error Message User not found**

*Property name:* WrongUser

*Description:* Error Message to be shown if the domain or the user was not found.

*Values:* <string>

*Default:* "The user or the domain was not found."

**Error Message Wrong username notation**

*Property name:* NoUser

*Description:* Error Message to be shown if the notation of the specified user was wrong.

*Values:* <string>

*Default:* "Please use this notation Domain\User."

**Error Message Wrong old password**

*Property name:* WrongPassword

*Description:* Error Message to be shown if the old password was wrong.

*Values:* <string>

*Default:* "Your old password was wrong."

**Error Message Anonymous access user rights**

*Property name:* AuthMethod

*Description:* Error Message to display if the specified user for anonymous access has not enough rights.

*Values:* <string>

*Default:* "The user specified for anonymous access has not enough rights."

### **Error Message Wrong adpath root**

*Property name:* SubDomain

*Description:* Error Message to display if the adpath from your configuration is a subdomain of the specified domain.

*Values:* <string>

*Default:* "The adpath from your configuration point to a subdomain of your specified domain. That's not possible."