Virto Password Change Web Part for SharePoint

Release 3.3.0

Installation and User Guide

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Virto Password Change for SharePoint

Overview

Virto Password Change Web Part for SharePoint 2007, 2010 and 2013 enables Active Directory (AD) users and users with general accounts (FBAP) to change themselves their passwords when they are logged onto SharePoint Site. This web part is indeed helpful if there are a lot of AD accounts in your system, and users need to change their passwords from time to time due to security or other reasons. Remote AD users can also change passwords without any difficulties. With Virto Password Change system administrator does not need to change all the passwords manually anymore. He just adds the web part to intranet or extranet SharePoint Portal. Then authorized users can easily manage their passwords without the administrator's help.

When user requests the web part the system automatically determines the category, the user belongs to - Active Directory or other Form Based Authentication Provider (FBAP). Then the user types his old password and a new one. The web part transfers this data to AD or other FBAP base, and the new password is saved in the database. In case a user has advanced rights, he can change not only his own password but other users' passwords as well. It is also possible to publish password requirements in the web part. If a user types an incorrect old password, or his password does not meet the requirements, a warning message will be displayed.

Shortlist of Virto SharePoint Password Change Key Features

Feature	Status
Allows Active Directory or FBAP users to change passwords on their own without the administrator's help	Released in 1.0
Transfer passwords to AD or FBAP databases	Released in 1.0
Password policy description publishing	Released in 1.0
Warning messages if password does not meet requirements or incorrect	Released in 1.0

System Requirements

Operating System
Microsoft Windows Server 2003, 2008, 2012

Server

SharePoint Release 2016:
- 64-bit edition of Windows Server 2012 R2 Service Pack 1 AND 64-bit edition of Microsoft SQL Server 2014 Service Pack 1 (SP1)
- Microsoft .NET Framework 4.5.2

SharePoint Release 2013:
- Microsoft Windows SharePoint Foundation 2013 or Microsoft Office SharePoint Server 2013;
- Microsoft .NET Framework 4.5;

SharePoint Release 2010:
- Microsoft Windows SharePoint Foundation 2010 or Microsoft Office SharePoint Server 2010;
- Microsoft .NET Framework 3.5;

SharePoint Release 3:
- Microsoft Windows SharePoint Services v3 or Microsoft Office SharePoint Server 2007;
- Microsoft .NET Framework 3.5;

Note: This product is not compatible with SPS 2003 and WSS v2.

Browser
Microsoft Internet Explorer 7 or higher.

Installation

This section describes how to install, upgrade, uninstall, or contact Support for the Virto ShsrePoint Password Change Web Part.

Expected Outage

The expected outage time is from 2 minutes to several hours depending on your hardware and number of SharePoint sites. Though we recommend all Virto users to upgrade on a weekend.

Installing Virto SharePoint Password Change Web Part for SharePoint

Before you begin, you need to make sure you have access to the server and your account has the

appropriate administrative privileges to install applications.

The Virto SharePoint Password Change setup program provides links to the various installation components for the Password Change.

To access the Virto SharePoint Password Change Setup program download **Virto.SharePoint.20XX.PasswordChangeWebPart.zip** file and unzip it. Open **Virto.PasswordChange.WebPart** folder and run extracted Setup.exe file.
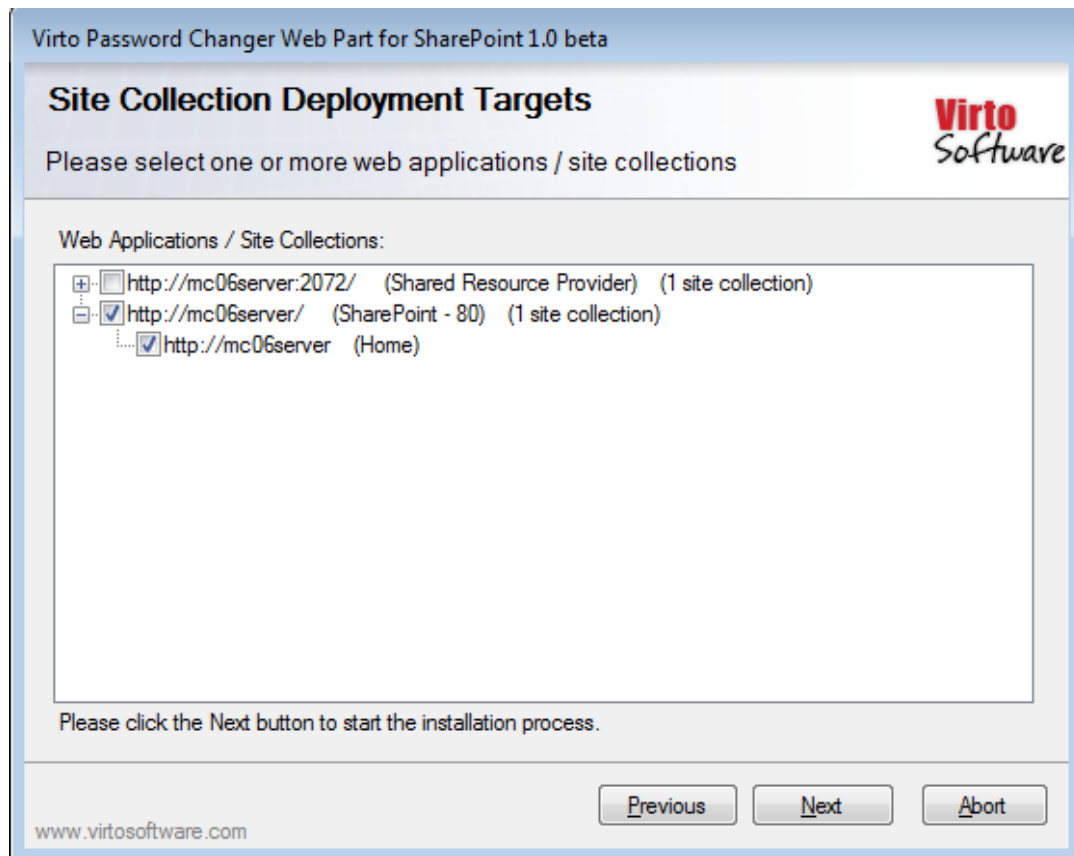
The setup wizard window will appear.

Virto SharePoint Password Change setup wizard performs a system check prior to the installation. All the system checks must be completed successfully in order to proceed with the installation. After the checks have completed, click "Next".
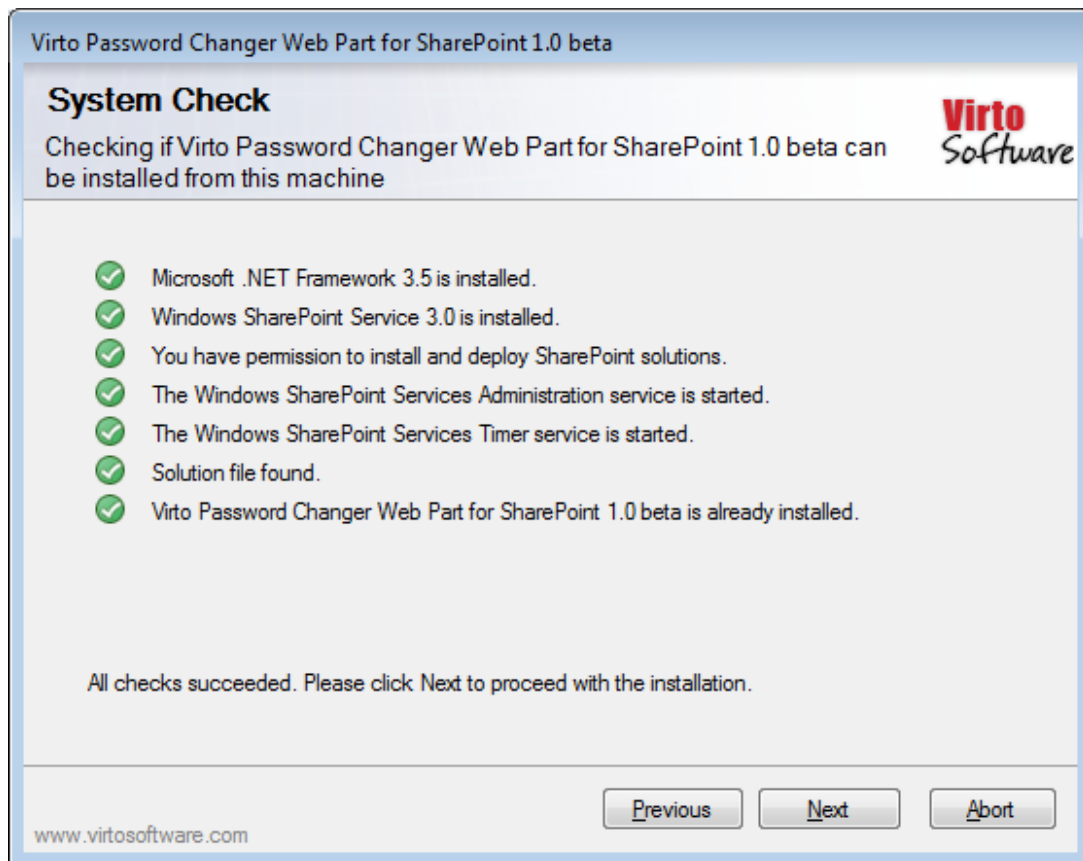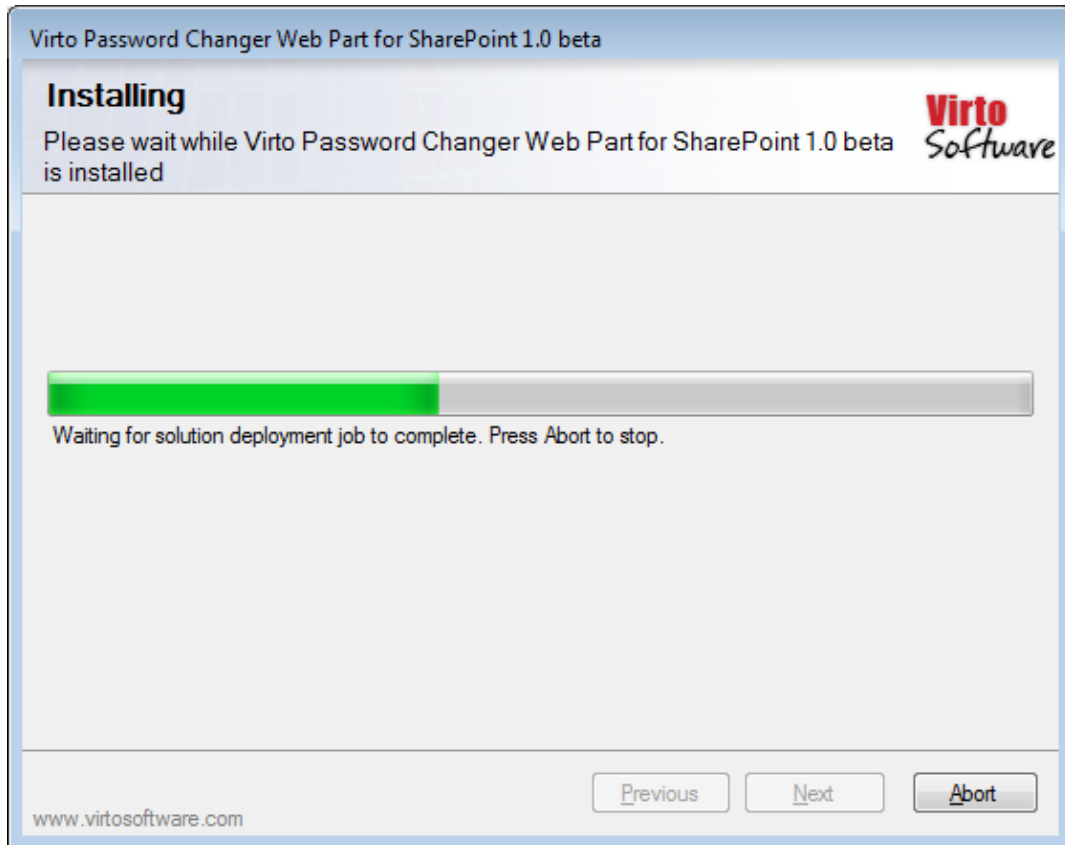
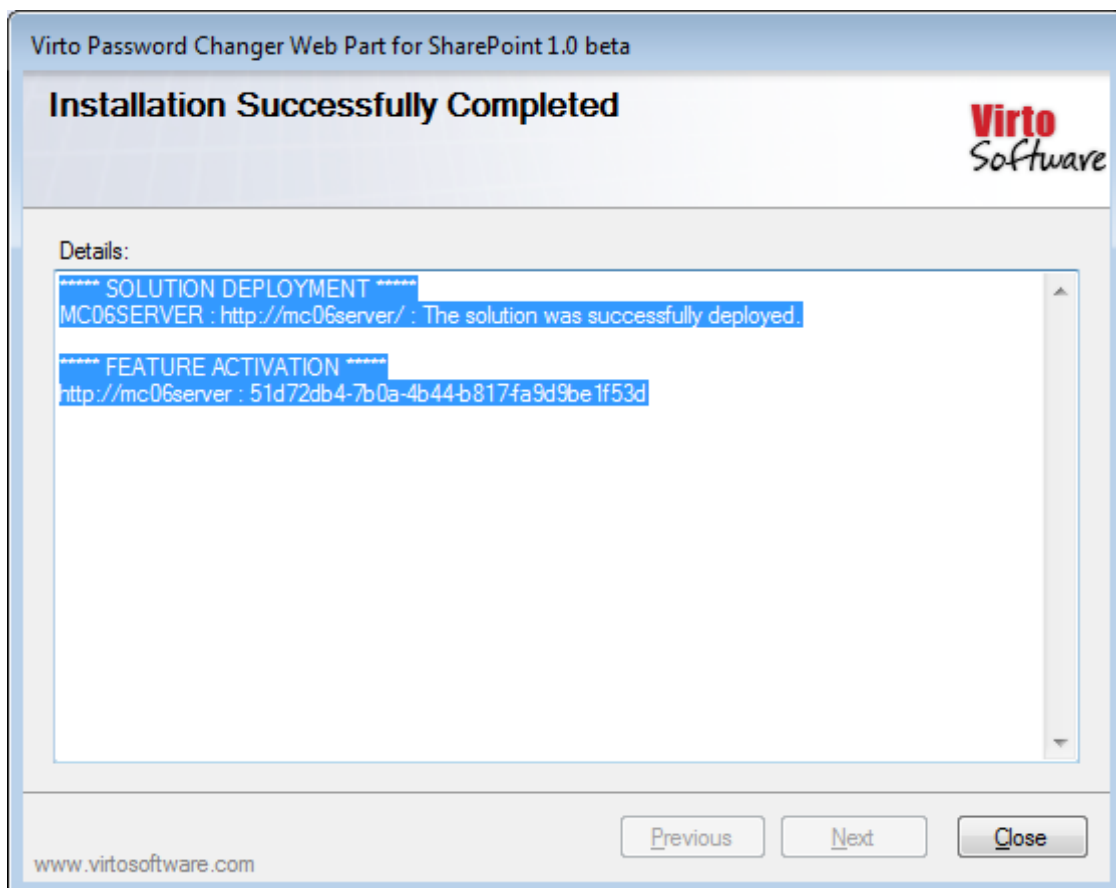Select the web application(s) where you want to install the product.

Warning: *You must be logged in to the SharePoint server with a Site Collection Administrator account to*

automatically activate this feature.

Then click "Next".

Click "Close" to complete the installation.

Note: Installation process if similar for SharePoint 2007, 2010, 2013 and 2016 editions.

SPFx Web Part Installation

To start using Virto Password Changer web part on modern sites/pages of SharePoint 2019 please do the steps as follows.

1) To install Virto Password Changer web part run Setup.exe file as administrator under the farm administrator account.
2) Create App Catalog in your SharePoint if necessary: https://docs.microsoft.com/en-us/sharepoint/administration/manage-the-app-catalog.

The "spfx.sppkg" file will be automatically uploaded to "Apps for SharePoint". Now you can add Virto Password Changer on the modern pages/sites.

Note! Please do not use administrator account to install and activate SPFx web part.

Error "Sorry apps are turned off": What to Do

If you are trying to install the web part on SharePoint 2019 server and got below error while Adding it to your site:

Sorry, apps are turned off. If you know who runs the server, tell them to enable apps.

Possible Reasons and Solutions

Reason	Solution
Apps are not enabled in your farm	Make sure your have Apps enabled in your SharePoint 2019 farm.
Subscription service is not setup	The first and most probably problem would be the subscription service is not configured in your farm. Please configure it.
App management service is not associated with your web application	Make sure App Management Service Application is associated with your web application where you want to add

	the SPFx web part.
App Url is not configured	If you have not configured the App Urls. please ensure you have given values to App Domain and App Prefix in your App Store settings.

If after ensuring above solutions, you still have the same error, please register a ticket to let our technicians analyze the problem.

License Activation

To see full instruction for successful activation of your component, please download "Virto License Manager" PDF instruction from Downloads section of our site or read it in Wiki.

Upgrading Virto Password Change

If you already use Virto SharePoint Password Change and need to upgrade it to the latest version, download the.zip file from http://www.virtosoftware.com. Unzip the file and run setup.exe as it is described in the *Installing Password Change* section.

***Note*: it is highly recommended to exit License Manager before upgrading. If you need to use License Manager, run it after upgrading.**

On the step check the box "Upgrade" and click "Next".

Note: if you had activated the license while installing the previous Virto SharePoint Password Change version, you do not need to activate it now.

Uninstalling Virto SharePoint Password Change

To uninstall the Web Part:

1. Double click the Setup.exe extracted from downloaded **Virto.SharePoint.20XX.PasswordChangeWebPart.zip** file.
2. The program performs the system checks again. Once that has successfully completed, the program prompts you to Repair or Remove the solution. Select Remove, and click "Next".

Virto Password Changer Web Part for SharePoint 1.0 beta

Repair or Remove

Please select the operation you wish to perform

Virto Software

Virto Password Changer Web Part for SharePoint 1.0 beta is already installed. What would you like to do?

○ Repair
Retracts the solution from all web applications and deploys it once again.

◉ **Remove**
Retracts the solution from all web applications and deletes it from the SharePoint solution store.

Previous | Next | Abort

www.virtosoftware.com

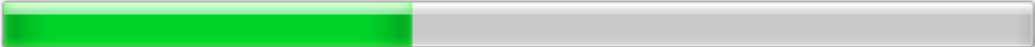
Virto Password Changer Web Part for SharePoint 1.0 beta

Uninstalling

Please wait while Virto Password Changer Web Part for SharePoint 1.0 beta is removed

Virto Software

Waiting for solution retraction job to complete. Press Abort to stop.

Previous | Next | Abort

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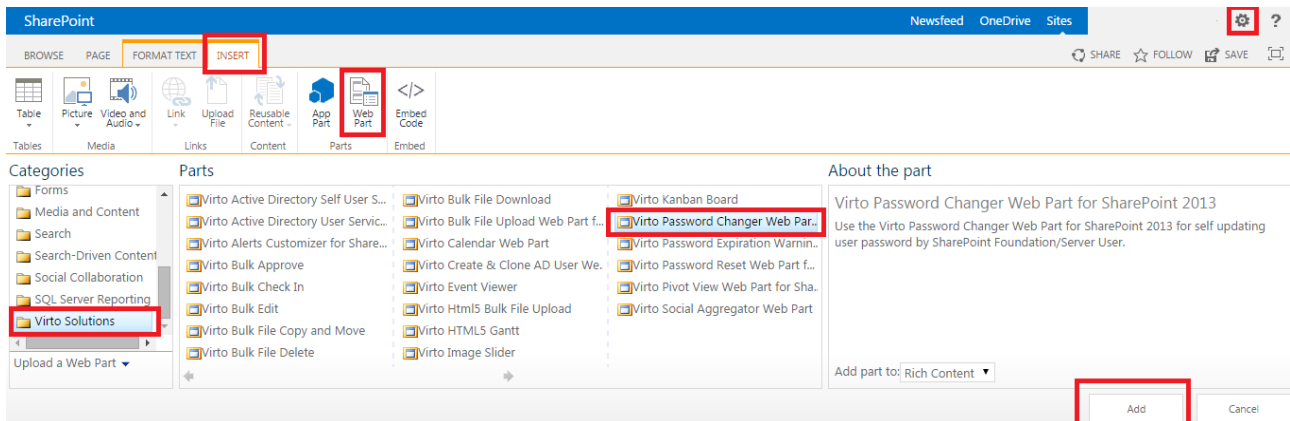
Administration and Usage

Adding the Web Part to a Page

Go to SharePoint site where you want to add the web part and open "Edit page". You will switch to edit mode. Click "Add a Web Part".
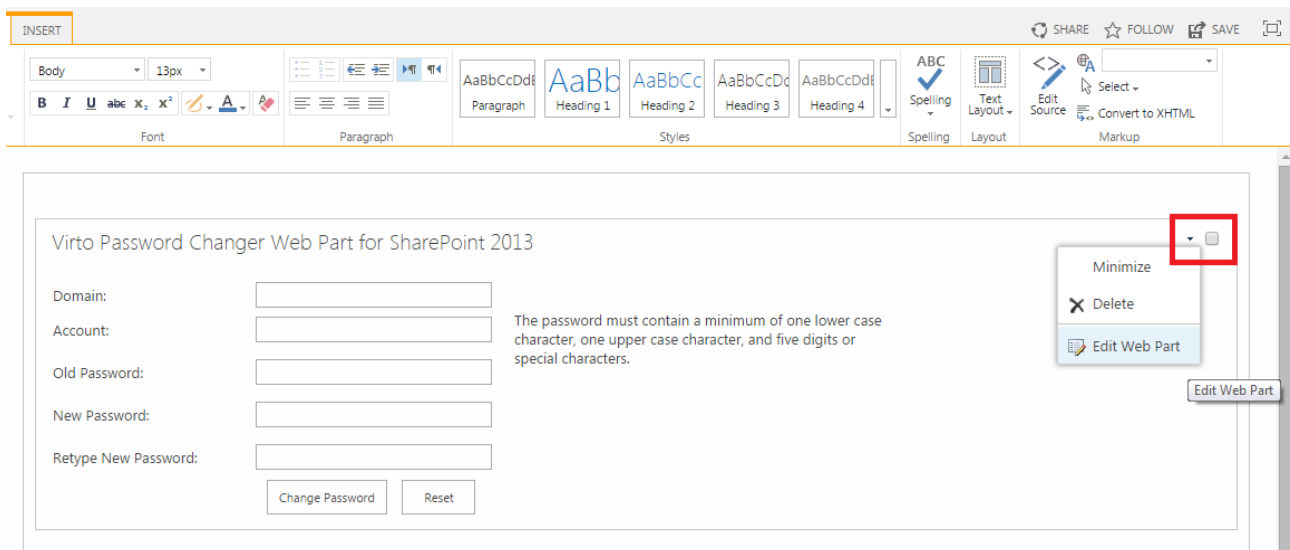
Select Virto SharePoint Password Change web part at the bottom of the list and click "Add".

Once you have clicked "Add" button, use "Exit edit mode" button.

Virto SharePoint Password Change Administration

Once you have added Virto SharePoint Active Directory User Service web part to the site page, you have to adjust it.

Use "Edit Web Part" in the upper right hand corner of the page. The Web Part settings will be displayed.

Choose account mode. According to this option the possibility of fields editing is defined.

If you select "Any user" mode, all the fields of the component will be available for editing.

If you select "Current user", domain name and user account will be unavailable for editing.

If you select "This domain user only", the "Domain" field will be unavailable for editing.

Note: *the security settings defined on the domain level. This means that even in case "Any User" option is selected, user will not be able to edit all the fields if it is not allowed on the domain level.*

Check the box "Hide domain field" in case users have to enter only account without domain data.

Check the box "Allow domain name in user name" to allow users that know domain name to change their password. In this case they will be able to enter domain name as "domainname/account" format (this option is available only in "this domain only" account mode).

Check the box to add or remove captcha.

☑ Hide domain field (for "current user" mode or "this domain user" account modes only)
☑ Allow domain name in user name (for "this domain user" account mode only)
☑ Show captcha

Now select authentication mode. According to these settings the way of logging in to the SharePoint site will be defined.

Choose authentication mode.
⦿ Any authentication
◯ AD authentication only
◯ Form-based authentication only

Note: *in case "Any authentication" option is chosen, the web part will automatically define, which way to login to SharePoint (AD authentication or form-based authentication).*

You also type the text of Password Policy description. It will be displayed when user changes the password.

Password Policy Description:
The password must contain a minimum of one lower case character, one upper case character, and five digits or special characters.

Virto Password Changer Web Part for SharePoint 2013

Domain:

Account:

Old Password:

New Password:

Retype New Password:

The password must contain a minimum of one lower case character, one upper case character, and five digits or special characters.

Change Password   Reset

Then you can define validation options that will be used when password changing:

- minimum password length,
- minimum digits number,
- minimum lower case letters number,
- minimum upper case letters number,
- minimum non alphanumeric characters number).

Password validations options (optional):

Minimum password length
12

Maximum password length
1

Minimum digits number
1

Minimum lower case letters number
1

Minimum upper case letters number
1

Minimum non alphanumeric characters number
1

Click "Apply" to save the settings and continue or "OK" to save the settings and exit edit mode.

Virto Password Change Usage

Fill out the fields displayed on the web part view page. Domain and account information can be edited or not according to the settings described in the previous section.

Type old password. Then type new password and retype it to confirm. Click "Change Password".

If you need to enter another data to the fields, click "Reset". The fields will be cleared. Now fill out the fields in appropriate way and click "Change Password".

Version Release History

Release Date	Version	Description
10/25/2016	v. 3.2.1	[-] Issue with changing passwords after installing Microsoft updates KB3167679 and/or KB3177108 is fixed.
10/10/2016	v. 3.2.0	[+] Captcha has been added.
07/15/2015	v. 3.1.0	[+] New license manager
01/30/2015	v. 3.0.1	[-] Bug with automatic user resolving on site with anonymous access has been fixed.
09/09/2013	v. 3.0.0	[+] New license manager
06/30/2011	v. 2.0.0	[+] Added password validation options. [+] Added option for hiding domain name field. [+] Added option for typing domain name before user name in "this domain only" account mode. [-] Minor bug has been fixed.
06/25/2010	v.1.1.0	[+] French localization has been added. [-] Minor bugs have been fixed.
9/03/2009	v. 1.0.0	First Release - bug fixed + new features added