



**Virto List Form Extender 5.1.1  
for  
Microsoft SharePoint**

**Installation and User Guide**



# Table of Contents

OVERVIEW .....	3
KEY FEATURES .....	3
SYSTEM REQUIREMENTS .....	3
OPERATING SYSTEM .....	3
SERVER .....	4
BROWSER.....	4
INSTALLATION .....	4
INSTALLING VIRTO LIST FORM EXTENDER.....	4
INSTALLING VIRTO LIST FORM EXTENDER FOR SHAREPOINT 2010.....	8
LICENSE ACTIVATION.....	11
UPGRADING VIRTO LIST FORM EXTENDER .....	11
UNINSTALLING VIRTO LIST FORM EXTENDER.....	12
VIRTO LIST FORM EXTENDER ADMINISTRATION AND USAGE.....	13
VIRTO FORM EXTENDER TABS SETTINGS.....	14
VIRTO FORM EXTENDER VALIDATORS SETTINGS .....	20
VIRTO FORM EXTENDER LIST FIELDS SETTINGS .....	22
<i>Adding Tooltip.....</i>	22
<i>Custom Date Picker .....</i>	24
<i>Autocomplete and Autosuggestion Settings .....</i>	25
<i>Fields Alignment Option.....</i>	28
<i>Security Settings.....</i>	28
<i>Calculated Fields .....</i>	30
<i>Form Rows Alignment.....</i>	32
DYNAMIC FIELD VISIBILITY .....	37
<i>Customize Service Center Helpdesk List.....</i>	38
VERSION RELEASE HISTORY .....	47

# Virto List Form Extender for Microsoft SharePoint

## Overview

Virtosoftware presents the **Ajax and Java Script based web part for Microsoft SharePoint**. The web part **allows for quick and simple customizing SharePoint list forms for creating, editing and viewing list items**.

For all SharePoint lists and libraries there are assigned default forms that are displayed when a user wants to add, edit or view a list item. These forms sometimes contain a very restricted amount of information about the list or the item, have some problems with usability or just do not always look nice enough. **With new [Virto List Form Extender web part](#) by Virtosoftware you can easily design your own list forms and replace the default ones with them with just a few clicks in a way that fully satisfies your specific needs and requirements.**

The new component is extremely **easy to install, adjust and use**. Once the web part is installed, you can immediately start designing your own list forms with additional features of allowing for **autofill fields, defining default field values as well as setting up security rights to restrict the access to specific tabs and fields for particular users and user groups**.

The web part is based on Ajax and Java Script technologies to guarantee among the others **quick access to a list form data without postback**. An important detail is that Virto List Form Extender web part does not fully modify the default list forms that are stored on your SharePoint server, but rather extends the list form features and functionality on the client side, keeping the option to restore the default forms at any time.

## Key Features

1. Creating own Forms (View, Edit, New Item) for Custom List.
2. Grouping fields into particular tabs.
3. Quick switching between tabs with no delays.
4. Ability to add as many tabs as you need on each form.
5. Cool and dynamic JQuery Date Picker.
6. Autocomplete option (using values of the same or any other List).
7. Using default values (coming in future versions).
8. Optional Tooltip containing any type information (text, links e t.c.).
9. Dynamic (client side) field visibility for new/edit item forms.

## System Requirements

### Operating System

Microsoft Windows Server 2003 and 2008

## Server

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 is required.

## Installation

This section describes how to install, upgrade, uninstall, or contact Support for the Virto List Form Extender.

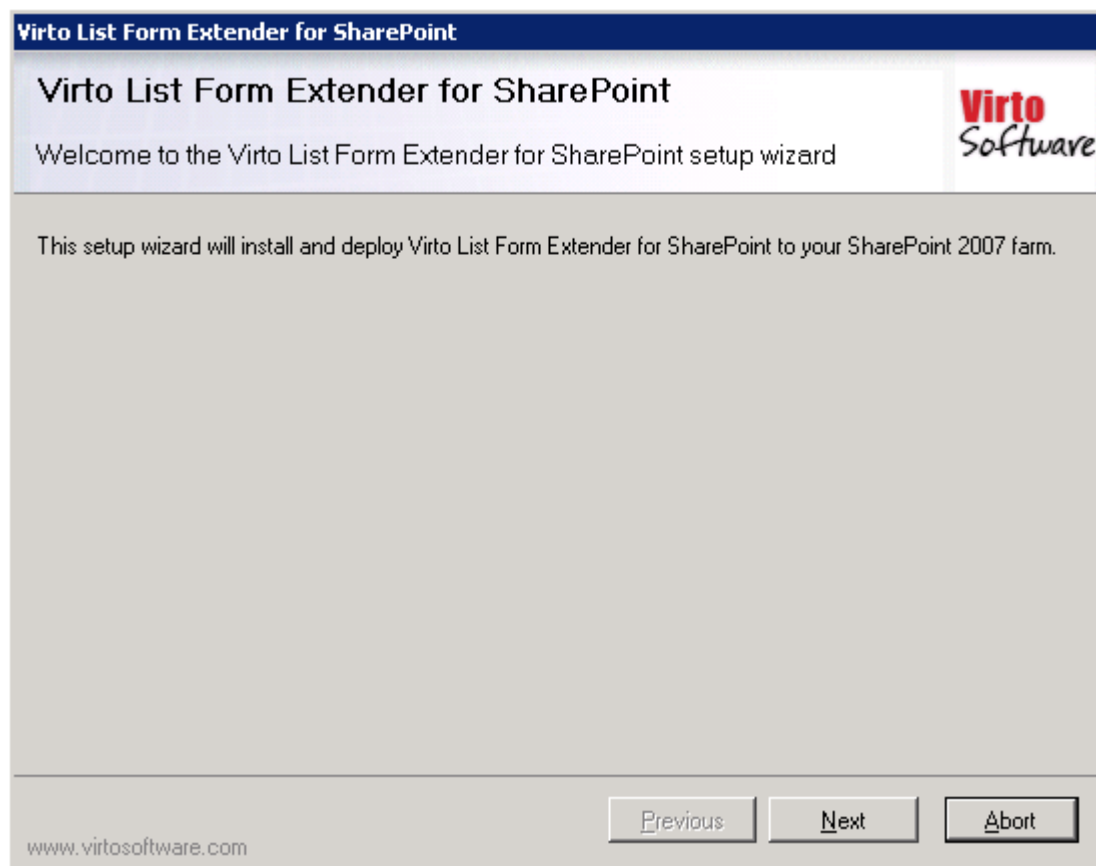
### Installing Virto List Form Extender

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.

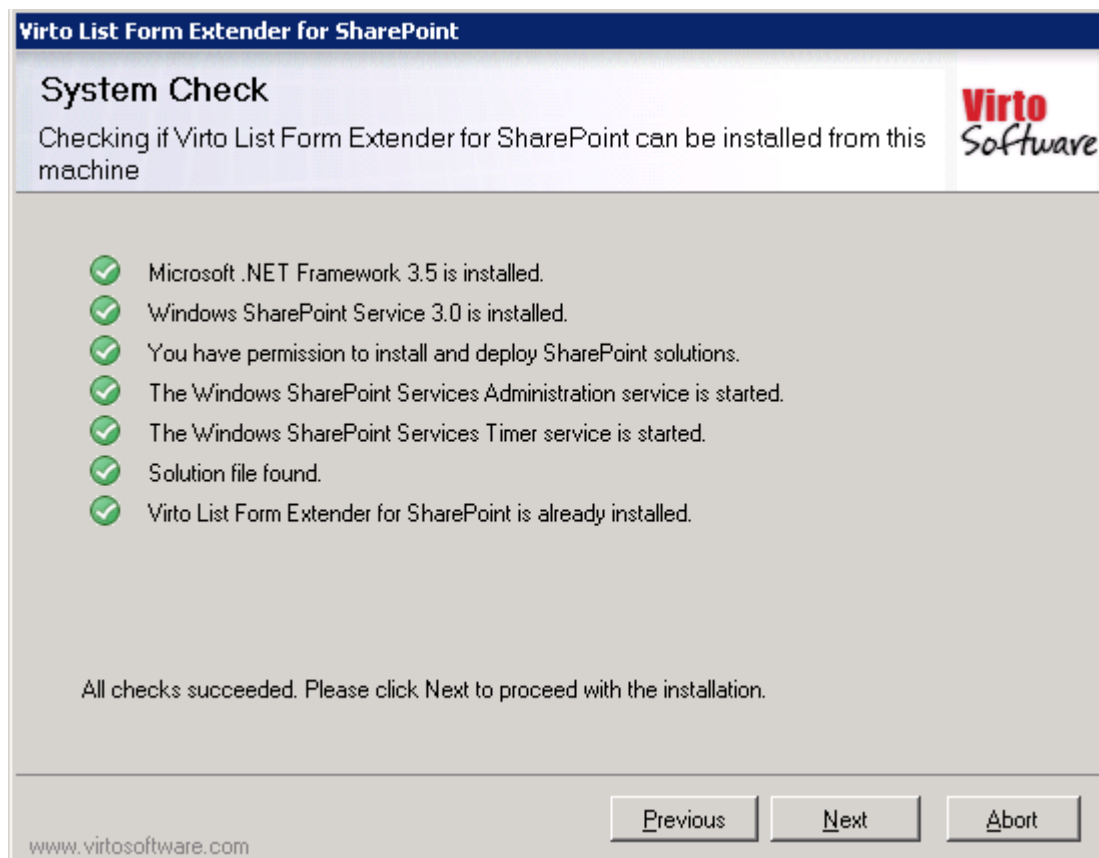
Virto List Form Extender setup program provides links to the various installation components for Virto List Form Extender.

To access Virto List Form Extender Setup program download **Virto.SharePoint.ListFormExtender.zip** file and unzip it. Open folder and run extracted Setup.exe file.

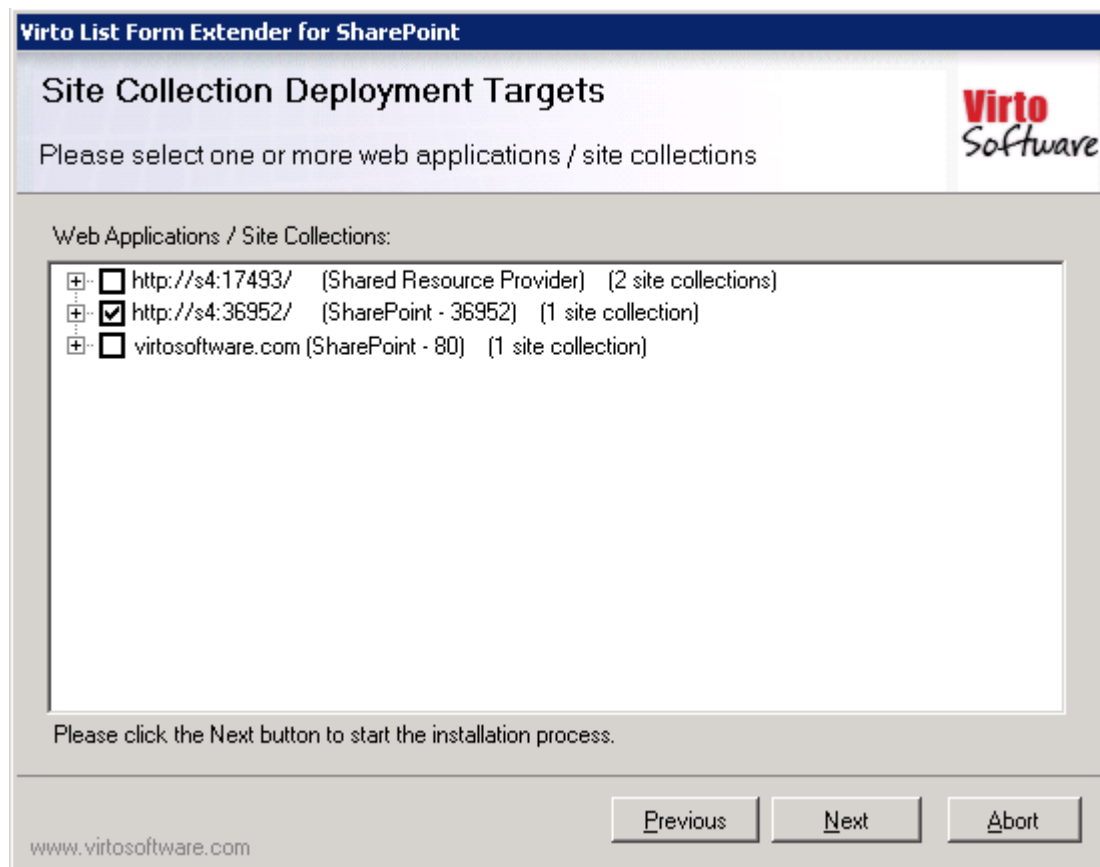
The setup wizard window will appear.



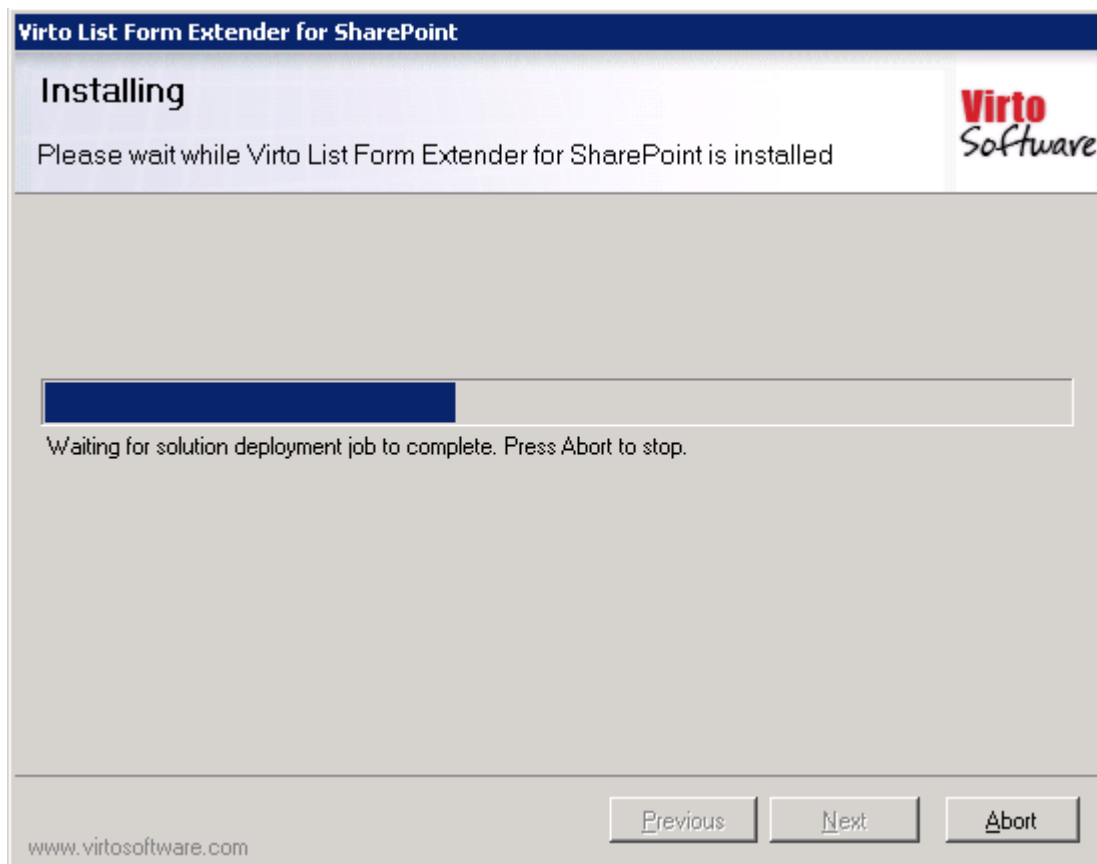
Virto List Form Extender setup wizard performs a system check prior to the installation. All the system checks must be completed successfully in order to proceed with the installation. After the checks have completed, click "Next".



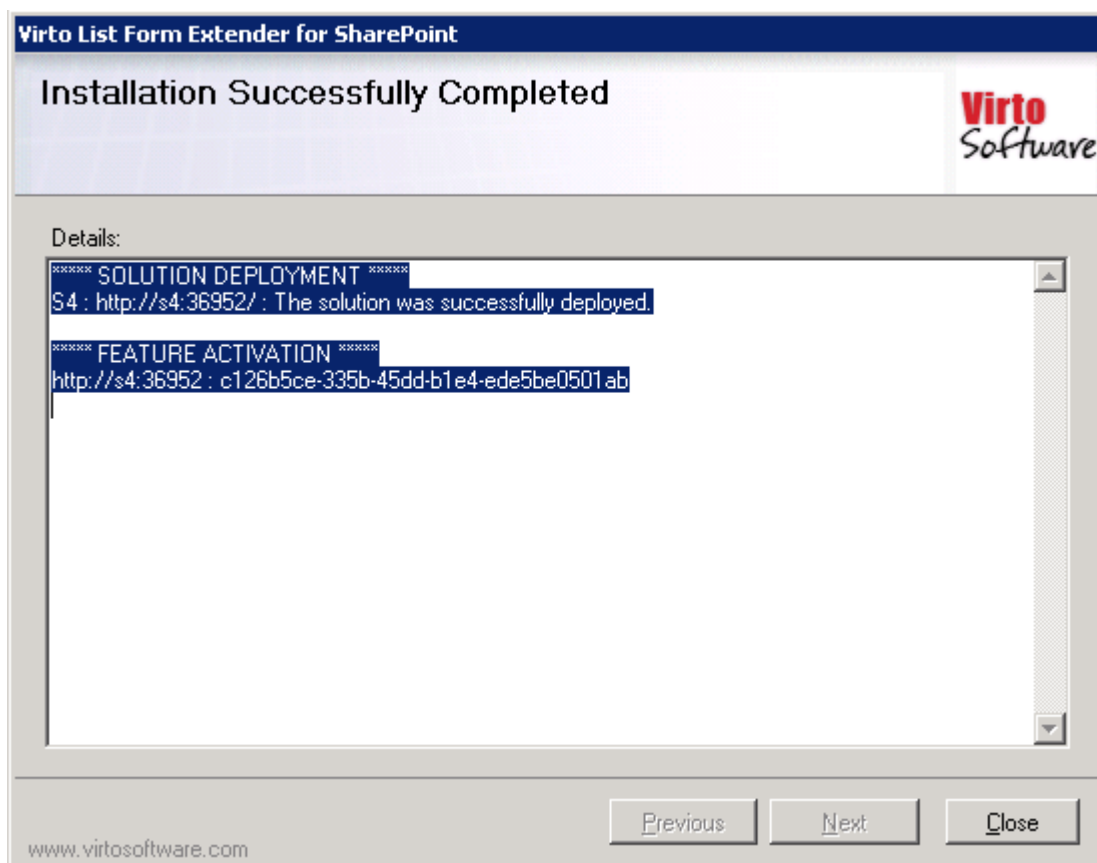
Select the web application(s) where you want to install the product.



**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”. The installation is completed.

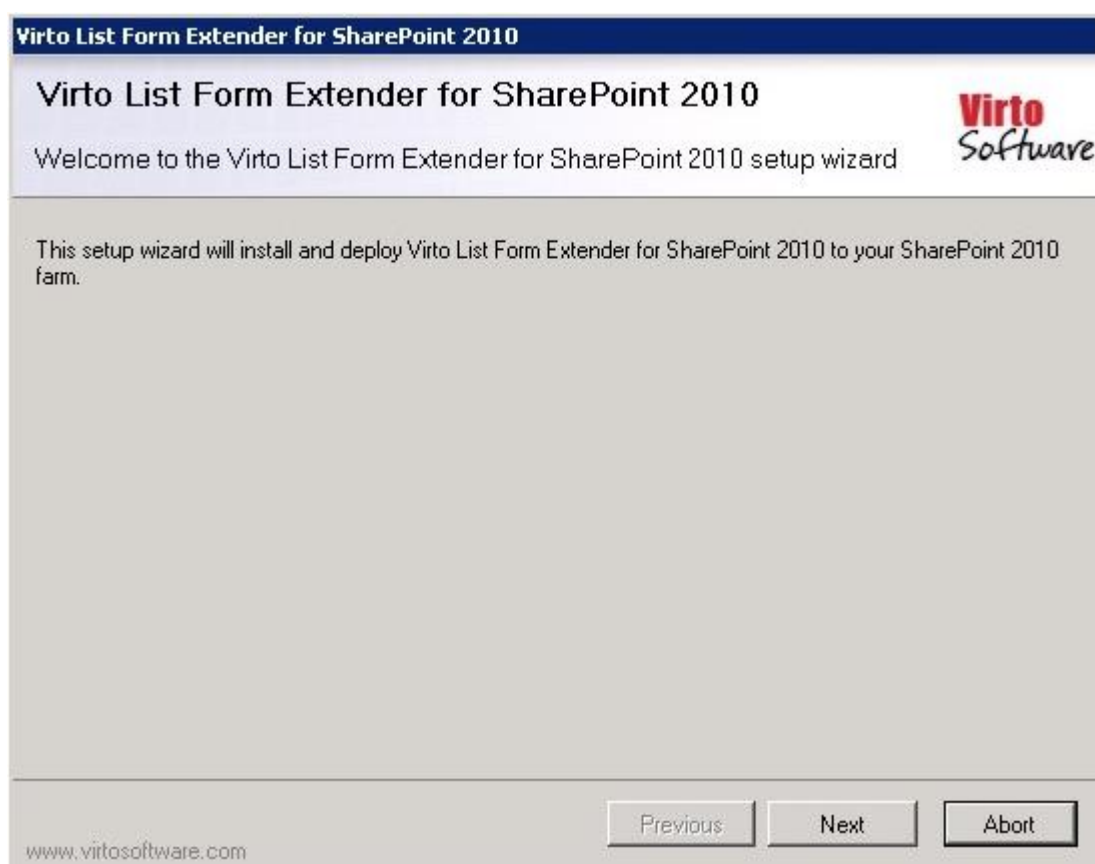
## Installing Virto List Form Extender for SharePoint 2010

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.

Virto List Form Extender setup program provides links to the various installation components for Virto List Form Extender.

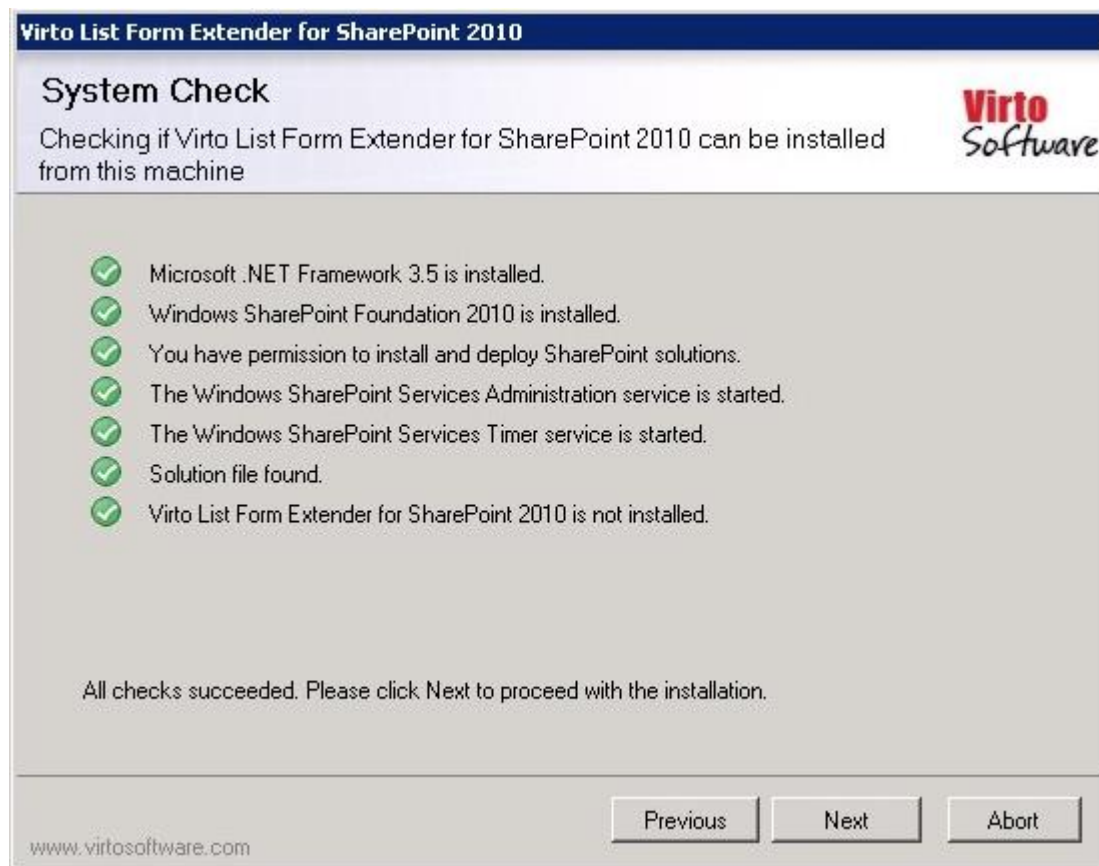
To access Virto List Form Extender Setup program download **Virto.SharePoint.ListFormExtender2010.zip** file and unzip it. Open folder and run extracted Setup.exe file.

The setup wizard window will appear.

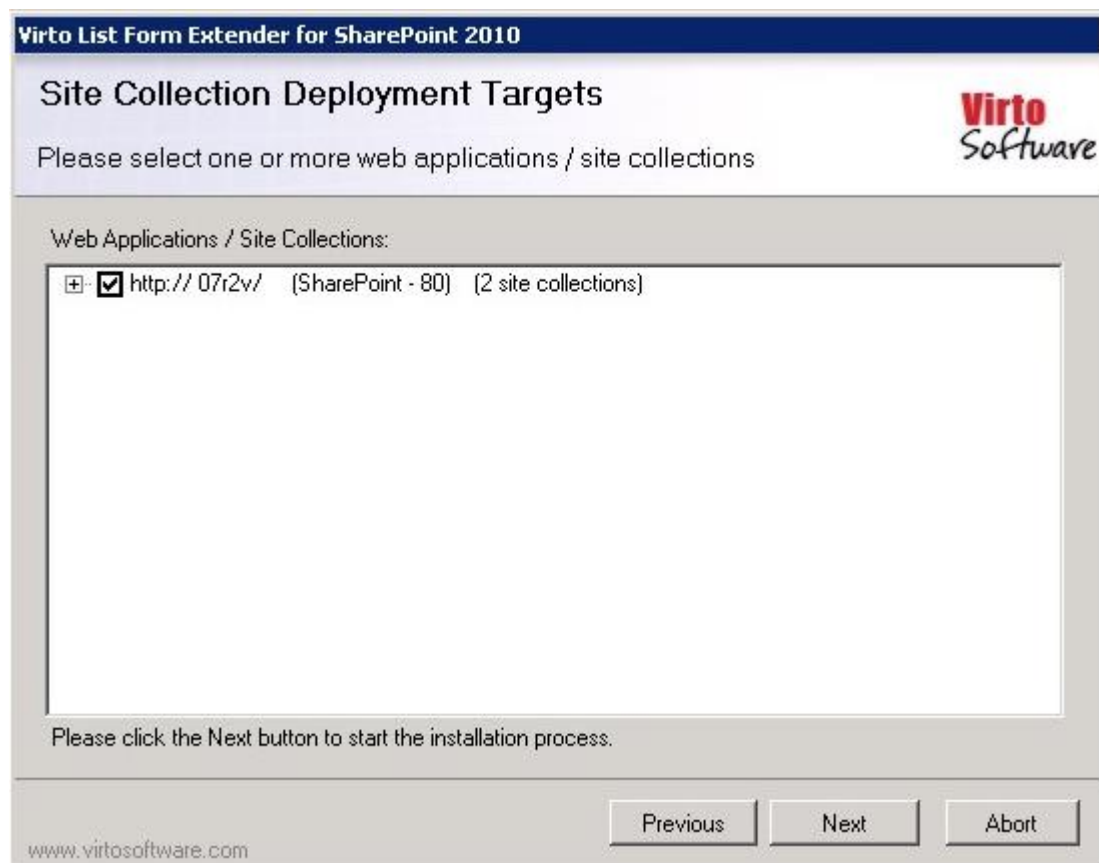


Virto List Form Extender setup wizard performs a system check prior to the installation. All the system checks must be completed successfully in order to proceed with the installation. After the checks have completed, click "Next".

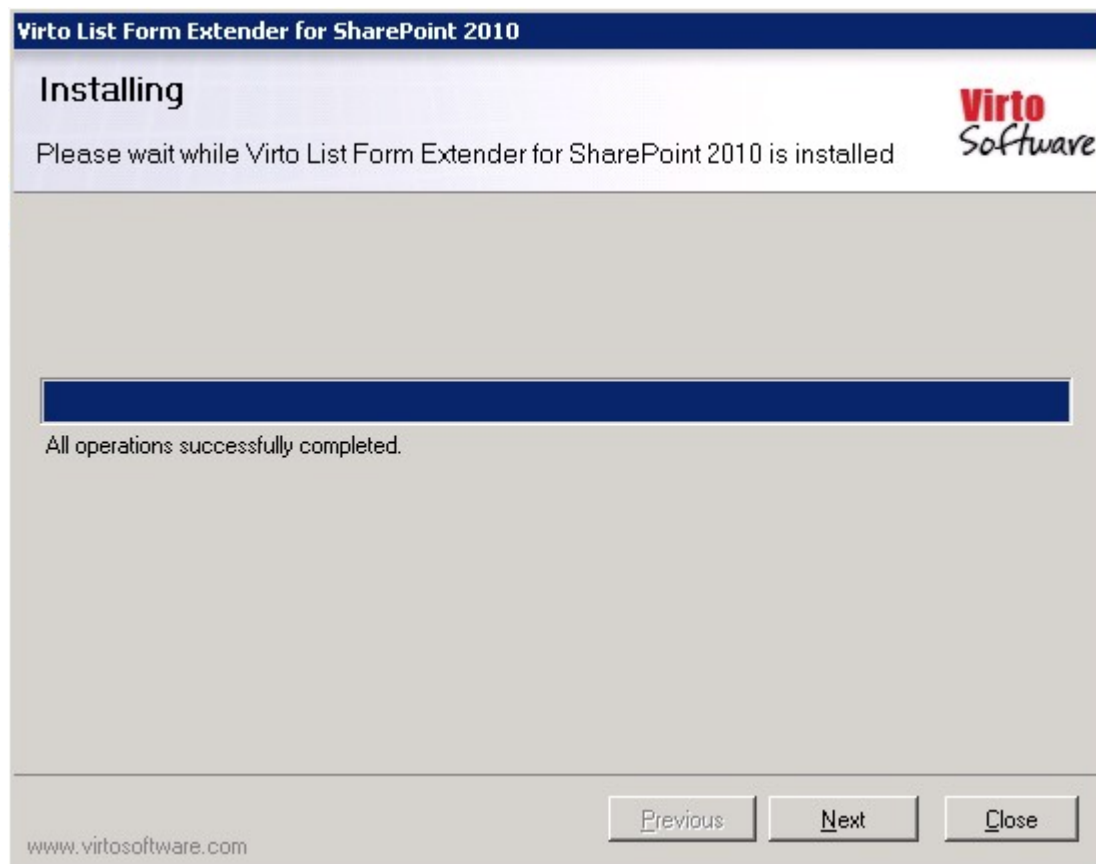




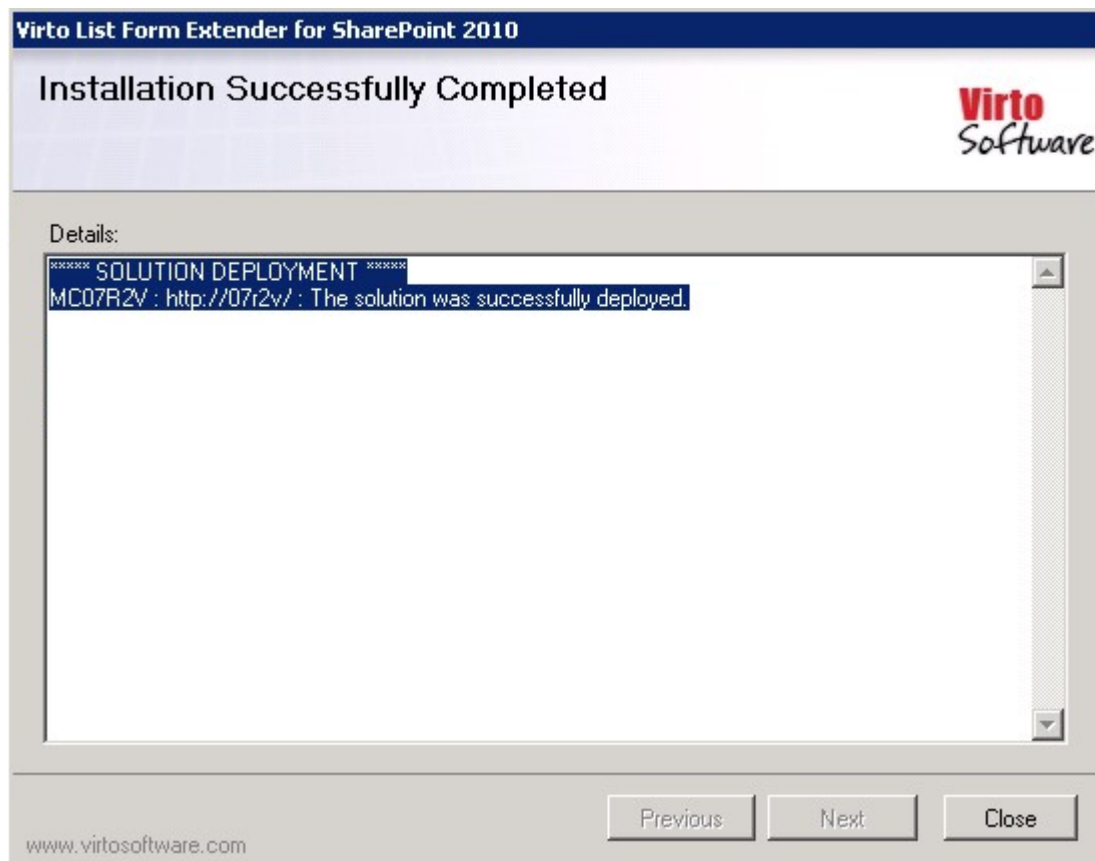
Select the web application(s) where you want to install the product.



**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”. The installation is completed.

## License Activation

To see full instruction for successful activation of your component, please download “Virtolist License Manager” PDF instruction from [Downloads](#) section of our site or read it in [Wiki](#).

## Upgrading Virtolist Form Extender

If you already use Virtolist Form Extender and need to upgrade it to the latest version, download the .zip file from <http://www.virtolistsoftware.com>. Unzip the file and run setup.exe as it is described in the *Installing Virtolist Form Extender* section.

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

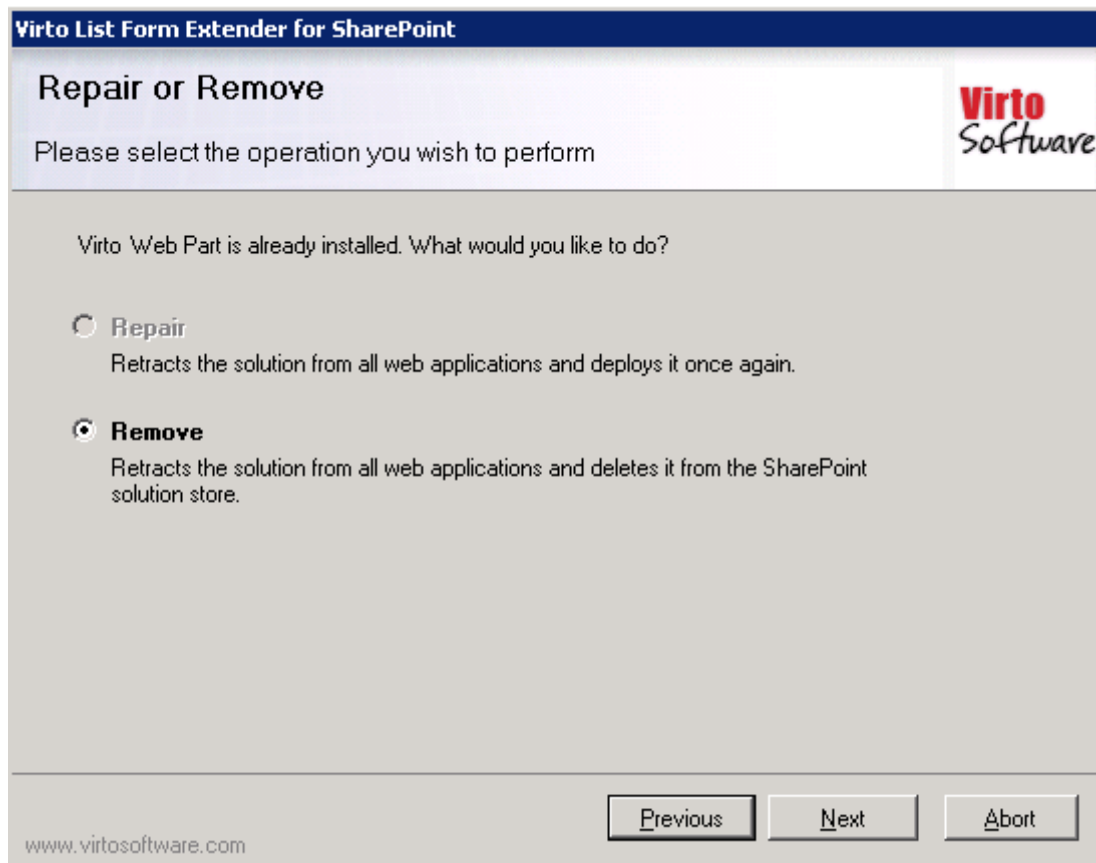
On the step check the box “Upgrade” and click “Next”.

**Note:** if you had activated the license while installing the previous Virtolist Form Extender version, you do not need to activate it now.

## Uninstalling Virto List Form Extender

To uninstall the Web Part:

1. Double click the Setup.exe extracted from downloaded **Virto.SharePoint.ListFormExtender.Beta.1.0.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".



**Note:** after uninstalling Virto Form Extender, all the settings applied to SharePoint lists with the component will be removed.

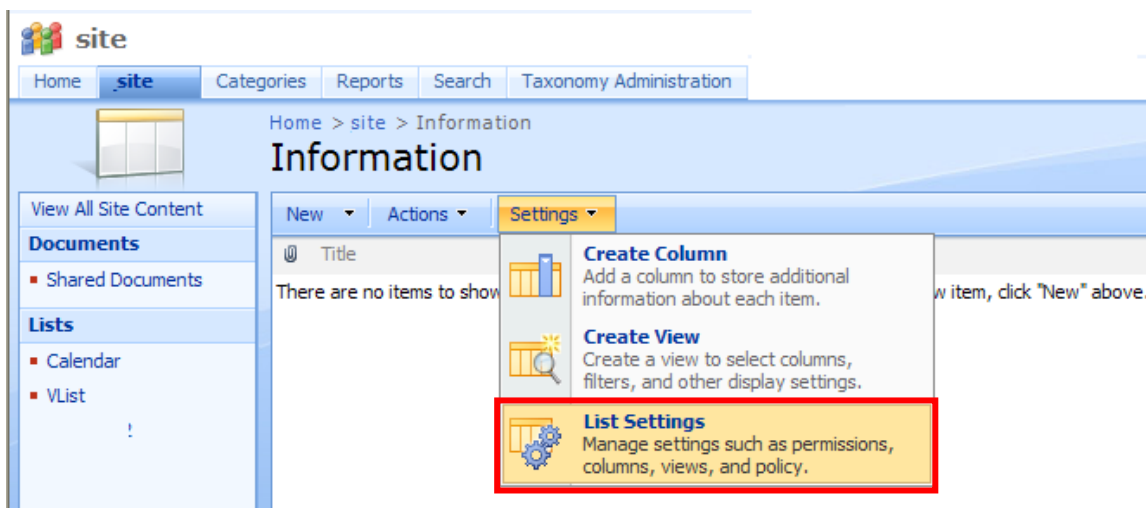
## Virto List Form Extender Administration and Usage

Virto List Form Extender allows SharePoint users with administrative rights to adjust list forms for working – “View”, “Edit” and “New” form. These forms can be adjusted for every SharePoint list according to needs of its users.

The following settings can be applied to a list form: grouping fields into tabs, adding field description, using custom date picker, showing/hiding fields, autocomplete settings, security settings and etc.

The steps administrator needs to do are:

1. Go to a list.
2. Go to “Settings – List Settings”.



3. Then go to one of blocks below depending on settings you need to define:
  - a. Virto Form Extender Tabs Settings;
  - b. Virto Form Extender Validators Settings;
  - c. Virto Form Extender List Fields Settings.

## Customize TestFormExtender

**List Information**

Name: TestFormExtender

Web Address: [http://devmoss.virtosoftware.com:8004/ak\\_site/Lists/TestFormExtender/AllItems.aspx](http://devmoss.virtosoftware.com:8004/ak_site/Lists/TestFormExtender/AllItems.aspx)

Description:

**General Settings**

- ▣ Title, description and navigation
- ▣ Versioning settings
- ▣ Advanced settings
- ▣ Audience targeting settings
- ▣ Unique fields settings
- ▣ **Virtto Form Extender Tabs Settings**
- ▣ Virtto Form Extender Validators Settings
- ▣ Virtto Form Extender List Fields Settings
- ▣ SharePoint list forms extensions
- ▣ Virtto Bulk Edit
- ▣ Virtto Bulk Upload

**Permissions and Management**

- ▣ Delete this list
- ▣ Save list as template
- ▣ Permissions for this list
- ▣ Workflow settings
- ▣ Information management policy settings
- ▣ Virtto SharePoint Workflow Status Monitor

### Virtto Form Extender Tabs Settings

With the help of Virtto List Form Extender you can divide all fields in the list among different tabs.

First of all you need to add tabs you are going to use to the list settings.

Go to Virtto Form Extender Tabs Settings.

List settings > Virto Form Extender Tab Settings

## Virto Form Extender Tab Settings

### General Tabs Settings

Tabs theme: Breeze

☐ Hide empty tabs

☐ Show tabs as blocks

### Tab names

Available tabs

General Info	<a href="#">Rename</a> <a href="#">Delete</a>  <a href="#">↑</a> <a href="#">↓</a>
Details	
Contacts	
Main Info	

[+ Add new tab](#)

### Fields disposition in tab

Available list fields:

Title (Main Info) % Complete (Details) FieldNote (Main Info) Test Choice (Main Info) Num1 (Main Info) Num2 (Main Info) Num1+Num2 (Main Info) Email (Main Info)	Title2 Date Created Date Modified
---	---

To add new tab click “Add new tab” button and type new tab name.

### Tab names

Available tabs

General Info	<a href="#">Rename</a> <a href="#">Delete</a>  <a href="#">↑</a> <a href="#">↓</a>
Details	
Contacts	
Main Info	

Additional Info [+ Add new tab](#)

When you switch between tabs, the list of fields within them is displayed on the right. Left column shows fields from other tabs (tabs are in the brackets).

### Tab names

Available tabs

General Info
Details
Contacts
<b>Main Info</b>
Additional Info

+ Add new tab

Rename  
Delete  
↑  
↓

### Fields disposition in tab

Available list fields:

% Complete (Details)
Date Created (General Info)
Date Modified (General Info)
Title2 (General Info)
Attachments

▶

Title  
 Email  
 Test Choice  
 Num1  
 Num2  
 FieldNote  
 Num1+Num2

⬅

↑  
↓

Use vertical and horizontal arrows to define order of tabs and fields within them.

### Tab names

Available tabs

General Info
Details
Contacts
<b>Main Info</b>
Additional Info

+ Add new tab

Rename  
Delete  

↑  
↓

### Fields disposition in tab

Available list fields:

% Complete (Details)
Date Created (General Info)
Date Modified (General Info)
Title2 (General Info)
Attachments

▶  
⬅

Title  
 Email  
 Test Choice  
 Num1  
 Num2  
 FieldNote  
 Num1+Num2

↑  
↓



You can use Ctrl key to move multiple fields.

**Fields disposition in tab**

Available list fields:

% Complete (Details) Date Created (General Info) Date Modified (General Info) Title2 (General Info) Attachments	Title Email Test Choice Num1 Num2 FieldNote Num1+Num2
---	---

Navigation buttons: [Right Arrow] [Left Arrow] [Up Arrow] [Down Arrow]

You can use different tab themes, such as “Belltown”, “Breeze”, “Cardinal”, and “Citrus”.

**General Tabs Settings**

Tabs theme: Breeze ▼

☒ Hide empty tabs

☐ Show tabs

Belltown  
 Breeze  
 Cardinal  
 Citrus  
 Default

### Belltown:

New Item | Edit Item | Delete Item | Manage Permissions | Alert Me | Attach Multiple Files

General Info | Details | Main Info

Title2	-126
Date Created ?	
Date Modified ?	2/9/2010 12:00 AM

Attachments | goldpart.jpg

### Breeze:

New Item | Edit Item | Delete Item | Manage Permissions | Alert Me | Attach Multiple Files

General Info | Details | Main Info

Title2	-126
Date Created ?	
Date Modified ?	2/9/2010 12:00 AM

Attachments | goldpart.jpg

**Cardinal:**

General Info		Details	Main Info
Title2	-126		
Date Created ?			
Date Modified ?	2/9/2010 12:00 AM		
Attachments		goldpart.jpg	

**Citrus:**

General Info		Details	Main Info
Title2	-126		
Date Created ?			
Date Modified ?	2/9/2010 12:00 AM		
Attachments		goldpart.jpg	

Use checkbox “Hide empty tabs” in case you don’t want empty tabs to be shown. Use “Show tabs as blocks” if you want to view list fields divided into several blocks without tabs as shown below.

**General Tabs Settings**

Tabs theme: Breeze ▼

☒ Hide empty tabs

☒ Show tabs as blocks

Now when you go to any field settings, you will be able to select required tab where this field will be displayed.

List Settings > Virto Form Extender Settings > Editing field settings

**Editing field settings**

Field Name:	Title2
Tab Name:	<div> None  None  Tab1  General Info  Details </div>
Field Order in Tab: <small>Used only when tab name is specified.</small>	

If you select “None”, the field will be displayed on top.

Now if you go back the list and try to view it or edit or add new Items, you will see that this field is placed into the selected tab. You can create any amount of such tabs and group fields of your list.

## Information: New block

New Item | Edit Item | Delete Item | Manage Permissions | Alert Me

General | Dates

<b>Title</b>	New block
<b>Date Modified</b>	12/30/2009 12:00 AM
<b>Type of Info</b>	New Location

Virto Form Extender allows applying security settings for tabs (permissions for tab). Select required option – “Don’t show tab”, “Show to all users”, “Show tab to selected groups and users”,

**Permissions for tab: "General Info"**

**Tab security for view item form:**  
 Select user groups which are allowed to view the tab on view item form.  
 Select user(s) who are allowed to view the tab on view item form (users can belong to non selected groups). If no users are selected all users from selected groups are allowed to view the tab.  
 Use custom filter expression to show tab depending on item field(s) value(s). Custom filter is applied after using filter by user groups/users.

☐ Don't show tab  
☐ Show tab to all users  
☒ Show tab to selected groups and users

**Allowed User Groups:**

- ☒ Approvers
- ☒ Designers
- ☒ Hierarchy Managers
- ☐ Home Members
- ☐ Home Owners
- ☐ Home Visitors
- ☐ Quick Deploy Users
- ☐ Restricted Readers
- ☐ Style Resource Readers
- ☐ Viewers

You can enter user initials and check if this user exists, then you can add him as allowed user.

**Allowed User(s):**

MyCompany\TJ

Moreover, you can use custom filter and apply any conditions you want depending on field values.

Show tab if the following condition is true:

**And**

Date Modified Today

Title Begins with The

**Note:** if permission is set, field value will be not available for not allowed users even in html source (on the server side).

## Virto Form Extender Validators Settings

You can use validators for text fields and define special conditions for fields in the list. Text field validators are used for checking if typed value matches the specified pattern (regular expression). You need to set string regular expression pattern for java-script Regex constructor (new RegExp("yourpattern", "gi")). For more detailed information about regular expressions please visit [RegexLib](#) or [Regular Expressions Info](#).

Go to list settings ("List Form Extender settings" block). You will see list of all existing validators.

Home Welcome | My Site | My Links | Site Actions

Home site Categories Reports Search Taxonomy Administration

List settings > Virto Form Extender Settings

### Virto Form Extender Settings

**List Form Extender Status Settings**

☐ Disable List Form Extender for this list

**List of available text fields validators**

Text field validators are used for checking if typed value matches the specified pattern (regular expression). You have to set string regular expression pattern for java-script Regex constructor (new RegExp("yourpattern", "gi")). Please don't forget to use '^' and '\$' anchors for checking entire string. For more information about regular expressions please visit [RegexLib](#) or [Regular Expressions Info](#)

Name	Message	Java-Script Regular Expression
E-mail	Please type a valid e-mail here.	^[a-zA-Z0-9._%+~]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}\$
Positive integer	Please type a positive integer number here.	^\d+\$
Integer	Please type an integer number here.	^[+-]?\d+\$
Floating point number	Please type a floating poing number here.	^[+-]?[0-9]*\.[0-9]+\$
Web url	Please type a valid web url here.	^((https? ftp):// ((\d{1,3}\.){3}\d{1,3}\.?) (((\[-a-zA-Z0-9]+\.)+[a-zA-Z]{2,4})))(\:/\d+)?/([-a-zA-Z0-9._?'+&%\$#~\ +)*?)\$

☐ Click here to add new text field validator

To add new validators use "Click here to add new text field validator".

**List of available text fields validators**

Text field validators are used for checking if typed value matches the specified pattern (regular expression). You have to set string regular expression pattern for java-script Regex constructor (new RegExp("yourpattern", "gi")). Please don't forget to use '^' and '\$' anchors for checking entire string. For more information about regular expressions please visit [RegexLib](#) or [Regular Expressions Info](#)

Name	Message	Java-Script Regular Expression
E-mail	Please type a valid e-mail here.	^[a-zA-Z0-9._%+~]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}\$
Positive integer	Please type a positive integer number here.	^\d+\$
Integer	Please type an integer number here.	^[+-]?\d+\$
Floating point number	Please type a floating poing number here.	^[+-]?[0-9]*\.[0-9]+\$
Web url	Please type a valid web url here.	^((https? ftp):// ((\d{1,3}\.){3}\d{1,3}\.?) (((\[-a-zA-Z0-9]+\.)+[a-zA-Z]{2,4})))(\:/\d+)?/([-a-zA-Z0-9._?'+&%\$#~\ +)*?)\$

☐ [Click here to add new text field validator](#)

Now you should fill out three fields: “Name” (title of validator), “Message” (the text that will be displayed in the field before you fill it out) and “Java script regular expression” (regular expression that defines the format of the field). All the fields are required. Click “Save” when finished.

Name	Message	Java-Script Regular Expression
E-mail	Please type a valid e-mail here.	^[a-zA-Z0-9._%+]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}\$

Now when you define settings for text fields of SharePoint list, you can select one of available validators. Click any text field to select a validator for it.

In the “Text type field validator settings” block select required validator from dropdown.

site

Home site Categories Reports Search Taxonomy Administration Site Actions

List Settings > Virtio Form Extender Settings > Editing field settings

### Editing field settings

Field Name: Email

Tab Name: Choice

Field tooltip: Email

Date typed field settings: ☐ Use custom date picker

Text typed field validator settings: Select validator type: E-mail

None  
E-mail  
Positive integer  
Integer  
Floating point number  
Web url

Do not forget to save the settings after validator selection.

Save	Cancel
------	--------

Now if a user fills out this text field in a wrong way, he will see the warning message and the field will be highlighted with red.

The screenshot shows a SharePoint site with a navigation bar containing 'Home', 'site', 'Categories', 'Reports', 'Search', and 'Taxonomy Administration'. The breadcrumb trail is 'Home > ak\_site > TestFormExtender > New Item'. The form title is 'TestFormExtender: New Item'. It features 'OK' and 'Cancel' buttons. A toolbar includes 'Attach File' and 'Spelling...'. Below the toolbar are three tabs: 'Date Created Tab', 'Choice', and 'Num result'. The 'Choice' tab is active, showing a 'Test Choice' field with a red asterisk and a question mark icon, and a dropdown menu set to 'Enter Choice #1'. The 'Email' field contains the text 'james@@gmail.com' and has a red error message below it: 'Please type a valid e-mail here.'.

If user switches to another tab after he fill out the text field in a wrong way, the system will switch him back to the place where he should enter valid value.

**Note:** validation works for text fields that are not required. Empty fields are not validated.

We recommend using tooltips as hints for fields' format. For example, adjust tooltip for "E-mail" field as described in previous sections. User will see hint before he fills out the field.

This screenshot shows the same form as the previous one, but with a tooltip displayed over the 'Email' field. The tooltip contains the text 'Enter e-mail in my@gmail format.' The 'Email' field is currently empty. The rest of the form, including the 'Test Choice' field and the 'Choice' tab, remains the same.

This way you can create any amount of validators and use them for text fields of your SharePoint lists.

## Virto Form Extender List Fields Settings

### Adding Tooltip

You can add special description to any field within a form – tooltip. This description can be used as a hint for users where required field format is described, for example.

Go to Virto Form Extender Settings of a required list and add new settings.

Enter the text which will be displayed as a field description in the “Field tooltip” block. Click “Save” to save the settings.

## Creating field settings

<b>Field Name:</b>	Type of Info ▼
<b>Tab Name:</b>	General
<b>Field tooltip:</b>	Define the type of data to categorize it in future.

Now users will see the description of this field when they view or edit list or add a new item to it.

Home > ak\_site > Information > New Item

## Information: New Item

OK Cancel

Attach File | Spelling...
 \* indicates a required field

Additional

<b>Title *</b>	Block data
<b>Date Modified</b>	2/8/2010 12 AM 00 The date on which this resource was last modified
<b>Due Date</b>	2/17/2010
<b>Type of Info</b> ?	Define the type of data to categorize it in future.

OK Cancel

It is also possible to leave an URL in field description. URL should be entered in HTML format. For example, if you want to add a link to your company site, the HTML code should look as follows:

```
<A HREF="mycompany.html">My Company</A>
```

List Settings > Virtio Form Extender Settings > Editing field settings

## Editing field settings

<b>Field Name:</b>	Type of Info ▼
<b>Tab Name:</b>	
<b>Field tooltip:</b>	See <A HREF="mycompany.html">My Company</A>

And the link in a field tooltip will look as [My Company](#).

## Information: Block data

Attach File | 
 Delete Item | 
 Spelling...
 \* indicates a required field

**Additional**

<b>Title *</b>	Block data
<b>Date Modified</b>	<div> <input type="text" value="2/8/2010"/> <div> <input type="text" value="12 AM"/> <input type="text" value="00"/> </div> </div> <div>The date on which this resource was last modified</div>
<b>Due Date</b>	<div> <input type="text" value="2/17/2010"/> </div>
<b>Type of Info</b>	<div>  See <a href="#">My Company</a> </div>

### Custom Date Picker

You can change date picker for fields of “**Date/Time**” type. Default SharePoint date picker works in Internet Explorer and may not work in other ones. It looks as follows:

## Information: New Item

Attach File | 
 Spelling...
 \* indicates a required field

<b>Title *</b>	<input type="text"/>
<b>Date Modified</b>	<div> <input type="text"/> <div> <input type="text" value="12 AM"/> <input type="text" value="00"/> </div> </div> <div>resource was last modified</div>
<b>Due Date</b>	

◀ December, 2009 ▶

S	M	T	W	T	F	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2

Today is  
 Tuesday, December 29, 2009

You can change its view for date/time fields in your list, for example, if you need to work in Mozilla Firefox.

Go to Virto Form Extender Settings of a required list and add new settings.



Check the box “Use custom date picker” opposite “Date typed field settings” note, click “Save”.

## Creating field settings

Field Name:	Date Modified
Tab Name:	
Field tooltip:	Select the date of modification.
Date typed field settings:	<input checked="" type="checkbox"/> Use custom date picker

Now when you apply these settings to forms of your SharePoint list, users will see another date picker while working with this field (see the screenshot below).

## Information: New block

The screenshot shows a SharePoint form with a 'Dates' tab. The 'Due Date' field is set to 12/31/2009. The 'Date Modified' field is highlighted with a red box, and a date picker calendar is displayed over it, showing December 2009 with the 30th selected. The calendar has a header 'December 2009' and a grid of days from Sunday to Saturday. The 30th is highlighted in yellow. The form also shows a 'Created at' and 'Last modified at' section with timestamps and user names.

## Autocomplete and Autosuggestion Settings

You can apply **autocomplete** settings for text fields. If autocomplete mode is enabled for a field, users will start typing the text and will see existing values of the field. They will be able to use these values instead of typing new ones.

Go to Virto Form Extender Settings of a required list and add new settings.

**Note:** “don’t use autocomplete” box is checked by default.

Check the box “Use autocomplete”. Then you have to decide from which field the values will be taken. If you check the box “Use the same field”, the values will be taken from the current field.

## Creating field settings

Field Name:	Title
Tab Name:	None
Field Order in Tab: <small>Used only when tab name is specified.</small>	
Row index in tab: <small>Used only when tab name is specified.</small>	
Field tooltip:	
Date typed field settings:	<input type="checkbox"/> Use custom date picker
Text typed field validator settings:	Select validator type: None
Autocomplete settings:	<input type="radio"/> Don't use autocomplete <input checked="" type="radio"/> Use autocomplete <input type="radio"/> Use autosuggestion <input checked="" type="checkbox"/> Display only allowed items for current user  Select autocomplete source: <input checked="" type="radio"/> Use the same field <input type="radio"/> Use other field Select list: ActiveDirectoryConfig Select list field: Property Name

Check the box **“Display only allowed items for current user”** to make fields values visible according to users’ access rights.

☐ Don't use autocomplete  
☒ Use autocomplete  
☐ Use autosuggestion  
☒ Display only allowed items for current user

If you check the box **“Use other field”**, you need additionally to select a list and a field from which the values will be taken.

Autocomplete settings:
   
 Select autocomplete source:
   
☐ Use the same field  
☒ Use other field  
 Select list:  
 Links  
 Select list field:  
 Content Type

Then click **“Save”** and apply the settings to your list.

Now users will be able to select existing values to fill out the field.

## Information: New Item

\* indicates a required field

General | Dates

Title \*

Tes

Type of Info

Testing

Date Modified

12 AM

00

The date on which this resource was last modified

**Autosuggestion** option enables to autocomplete fields when entered text *is contained* in selected field's values.

Check the box "Use autosuggestion" and select a list and a field to take values from as described above. Click "Save".

### Autocomplete settings:

☒ Use autosuggestion

Select autocomplete source:

☐ Use the same field

☒ Use other field

Select list:

Links

Select list field

Content Type

Now when a user fills out a field with a text, the system will show values which contain this text. User will need just to select the required one.

Home &gt; ak\_site &gt; Information &gt; New Item

## Information: New Item

\* indicates a required field

Additional

<b>Title *</b>	<input type="text" value="data"/>
<b>Date Modified</b>	<input type="text" value="Block data"/> <input type="button" value="Calendar"/> <input type="text" value="12 AM"/> <input type="text" value="00"/>
<small>The date on which this resource was last modified</small>	
<b>Due Date</b>	<input type="text"/> <input type="button" value="Calendar"/>
<b>Type of Info</b>	<input type="text"/>

### Fields Alignment Option

Virto List Form Extender allows users to define border color of fields' cells. Just define required color in hexadecimal format (for example, #FF0000 for red border).

Fields' alignment options in tabs.

☒ Place field title over field value for fields with specified row index

Top border color of the field cell (in hexadecimal format without '#' sign, example: FAC12E)

Left border color of the field cell (in hexadecimal format without '#' sign, example: FAC12E)

In case you need to display field title over field value (used for fields with specified row index), just check the box **“Place field title over field value for fields with specified row index”**. Click **“Save”** to save the settings.

### Security Settings

Virto List Form Extender allows you to adjust access to the fields of your list. You can select groups of SharePoint user or a single user who will be able to view a field on an item form (new form, edit form, view form).

Go to Virto Form Extender Settings of a required list and add new settings or edit one of existing settings.

**Note:** security settings cannot be applied for required fields.

Roll down to “Field security for view (new/edit) form” and select SharePoint groups These users will be able to see this field on a corresponding form of the field.


**Note:** “Show to all users” is selected by default.

## Editing field settings

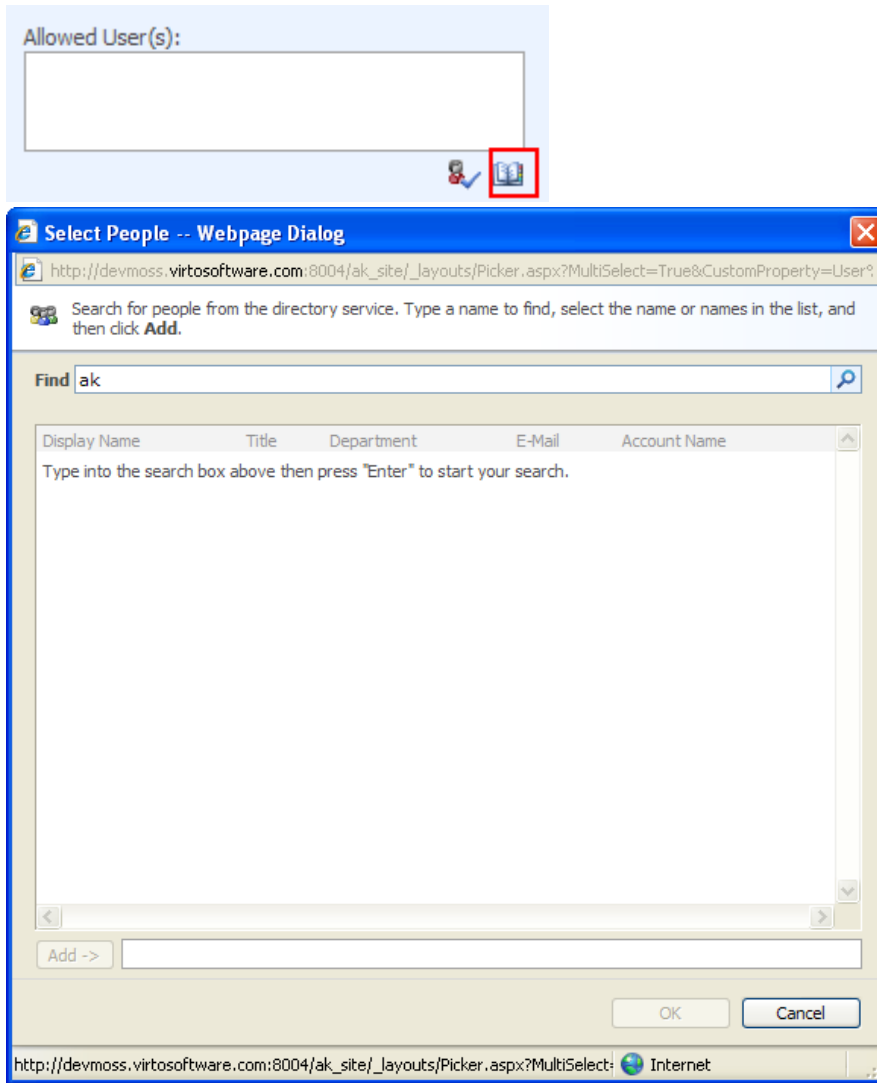
<b>Field Name:</b>	Attachments
<b>Tab Name:</b>	Additional
<b>Field tooltip:</b>	Attach required files
<b>Date typed field settings:</b>	<input type="checkbox"/> Use custom date picker
<b>Autocomplete settings:</b>	<input checked="" type="radio"/> Don't use autocomplete <input type="radio"/> Use autocomplete <input type="radio"/> Use autosuggestion Select autocomplete source: <input checked="" type="radio"/> Use the same field <input type="radio"/> Use other field Select list: Information Select list field: Title
<b>Field security for view form:</b> Select user groups which are allowed to view the field on view item form. Select user(s) who are allowed to view the field on view form (users can belong to non selected groups). If no users are selected all users from selected groups are allowed to view the field.	<input type="radio"/> Don't show field <input type="radio"/> Show to all users <input checked="" type="radio"/> Show to selected groups and users Allowed User Groups: <input checked="" type="checkbox"/> Approvers <input checked="" type="checkbox"/> Designers <input type="checkbox"/> Hierarchy Managers <input type="checkbox"/> Home Members <input checked="" type="checkbox"/> Home Owners <input type="checkbox"/> Home Visitors <input type="checkbox"/> Quick Deploy Users

**Note:** in case AD security group(s) we added to a SharePoint group, security permissions will cover all uses of this AD security group(s) as well even if these users are not included evidently into the list of SharePoint users.

To enable view options for a single SharePoint user, enter some letters of his name and click “Check names”.

Allowed User(s): ak	
------------------------	---

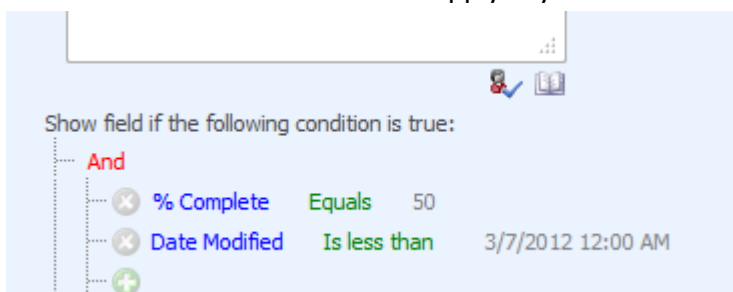
Or use “Browse” button to search a required user on the site.



Now only user of selected groups will be able to view the field in a form.

This way you can adjust security settings for each of three field forms: new form, edit form and view form.

You can also use custom filter and apply any conditions for field security.



## Calculated Fields

Virto List Form Extender allows creating automatically calculated fields. This means that you can add fields that will be calculated according to the set formula (define by SharePoint settings).

#### List of available fields' settings

Here you can manage settings for list fields. To edit list field settings click on field name in table below.

Field Name	Tab Name	Validator	Show on view form	Show on new form	Show on edit form	Use autocomplete
Title		Web url	✓	✓	✓	✓
Title2		Integer	✓	✓	✓	✗
Date Created	Date Created Tab		✓	✓	✓	✗
Date Modified			✓	✓	✓	✗
Test Choice	Choice		✓	✓	✓	✗
% Complete			✓	✓	✓	✗
Email	Choice	E-mail	✓	✓	✓	✗
Num1			✓	✓	✓	✗
Num2			✓	✓	✓	✗
Num1+Num2	Num result		✓			✗

■ [Click here to add new field settings](#)

Go to list settings and open “Virto SharePoint List Form Extender Settings” block.

Use “Click here to add new field settings”.

#### List of available fields' settings

Here you can manage settings for list fields. To edit list field settings click on field name in table below.

Field Name	Tab Name	Validator	Show on view form	Show on new form	Show on edit form
Title		Web url	✓	✓	✓
Title2		Integer	✓	✓	✓
Date Created	Date Created Tab		✓	✓	✓
Date Modified			✓	✓	✓
Test Choice	Choice		✓	✓	✓
% Complete			✓	✓	✓
Email	Choice	E-mail	✓	✓	✓
Num1			✓	✓	✓
Num2			✓	✓	✓
Num1+Num2	Num result		✓		

■ [Click here to add new field settings](#)

In the new field settings form select required field with formula, for example, Num 1+Num 2. Fill out other fields and click “Save”.

ak\_site

Home ak\_site Categories Reports Search Taxonomy Administration popo big\_e Blog dvs site testteamSite mycalendar Site Actions

List Settings > Virto Form Extender Settings > Creating field settings

### Creating field settings

Field Name: Title

Tab Name: Title

Field tooltip: % Complete

Date typed field settings: Date Created

Text typed field validator settings: Date Modified

FieldNote

Test Choice

Title2

Num1

Num2

Num1+Num2

Email

Attachments

None

**Note:** calculated fields are displayed only in the list view form.

The values of calculated fields are calculated automatically. There is no need to fill out such fields.

Home > site > TestFormExtender

### TestFormExtender

View All Site Content

Documents

- Shared Documents

Lists

- Calendar
- VList
- Calendar2

New Actions Settings View: All Items

Title	% Complete	Date Created	Date Modified	FieldNote	Test Choice	Num1	Num2	Num1+Num2	Email
Agree job and person specification	10%	11/11/2010 12:00 AM	2/9/2010 12:00 AM		Enter Choice #1	100	200	300	2@dd.ocm
Personel manager to define job grade	5%	2/11/2010 12:00 AM	2/1/2010 12:00 AM		Enter Choice #1		0		

## Form Rows Alignment

Virto List Form Extender allows ordering rows in tabs.

Fields' alignment options in tabs.

☒ Place field title over field value for fields with specified row index

Top border color of the field cell (in hexadecimal format without '#' sign, example: FAC12E)

ff0000

Left border color of the field cell (in hexadecimal format without '#' sign, example: FAC12E)

00ff00

Save

**Note:** The section **is visible** when Virto Form Extender **is enabled** for the list. When you disable and enable form extender for the list, alignment settings are cleared and you have to set them again.

Row index is shown in "Row Index In Tab".



List of available fields' settings								
Here you can manage settings for list fields. To edit list field settings click on field name in table below.								
Field Name	Tab Name	Order in Tab	Row Index In Tab	Validator	Show on view form	Show on new form	Show on edit form	Use autocomplete
Title2	General Info				✓	✓	✓	✗
Date Created	General Info				✓	✓	✓	✗
Date Modified	General Info				✓	✓	✓	✗
% Complete	Details				✓	✓	✓	✗
Title	Main Info	1			✓	✓	✓	✓
Email	Main Info	1		E-mail	✓	✓	✓	✗
Test Choice	Main Info	2			✓	✓	✓	✗
Num1	Main Info	3			✓	✓	✓	✗
Num2	Main Info	4			✓	✓	✓	✗
FieldNote	Main Info	6			✓	✓	✓	✗
Num1+Num2	Main Info	50			✓	✓	✓	✗

Aligning rows next to other ones **works only in tabs**. First you have to order your rows in tabs. Let's consider "Main Info" tab on picture above. As you can see, the order of rows in the tab is the following: "Title", "Email", "Test Choice", "Num1", "Num 2", "Field Note", "Num1+Num2". The tab where rows are not aligned looks like on the picture below.

New Item | 
 Edit Item | 
 Delete Item | 
 Manage Permissions | 
 Alert Me

**Main Info** | 
 General Info | 
 Details

**Title ?** Agree job specifications

**Email ?** 2@dd.ocm

**Test Choice ?** Enter Choice #1

**Num1** 100

**Num2 ?** 200

**FieldNote ?**

**Num1+Num2** 300

**Attachments** goldpart.jpg

In case you need to move some rows, have to set value for "Row Index In Tab" property in field settings. All rows in the tab has initial indexes: "Title" - 1, "Email" - 2, "Test Choice" - 3, "Num1" - 4, "Num 2" - 5, "Field Note" - 6, "Num1+Num2" - 7. You have to set those indexes for "Row Index In Tab" property. Let's consider moving "Title" row next to "Email" row.

#### Rules of rows moving:

- 1) **Always move rows down.** If you want to place "Email" field after "Title" field you have to set "Order In Tab" for "Title" field greater than for "Email" field and move "Email" field down.

- 2) **Destination row “Email” must be visible on all forms and for all users.** So you can not add fields next to countable/computable fields because c/c fields are visible on view item form only. Source row “Title” can be hidden on some forms and/or for some users.
- 3) **Destination row “Email” must have empty value in “Row Index In Tab” field.**
- 4) **Remember that every time you change “Order in Tab” property of the field you have to rearrange “Row Index in Tab” properties of the fields.**

Now click “Title” field and set value 2 to “Row Index In Tab” property. Then click “Save”.

<b>Field Name:</b>	Title
<b>Tab Name:</b>	Main Info
<b>Field Order in Tab:</b> <small>Used only when tab name is specified.</small>	2
<b>Row index in tab:</b> <small>Used only when tab name is specified.</small>	2
<b>Field tooltip:</b>	List item name

Now you can see specified row index in list of fields' settings.

List of available fields' settings								
Here you can manage settings for list fields. To edit list field settings click on field name in table below.								
Field Name	Tab Name	Order in Tab	Row Index In Tab	Validator	Show on view form	Show on new form	Show on edit form	Use autocomplete
Title2	General Info				✓	✓	✓	✗
Date Created	General Info				✓	✓	✓	✗
Date Modified	General Info				✓	✓	✓	✗
% Complete	Details				✓	✓	✓	✗
Title	Main Info	2	2		✓	✓	✓	✓
Email	Main Info	3		E-mail	✓	✓	✓	✗
Test Choice	Main Info	4			✓	✓	✓	✗
Num1	Main Info	5			✓	✓	✓	✗
Num2	Main Info	6			✓	✓	✓	✗
FieldNote	Main Info	7			✓	✓	✓	✗
Num1+Num2	Main Info	50			✓	✓	✓	✗

Now the form looks as follows.

Attach File | X Delete Item | ABC Spelling... \* indicates a required field

**Main Info** | General Info | Details

Email ? 2@dd.ocm Title \* ? Agree job specifications

Test Choice \* ? Enter Choice #1

Num1 100

Num2 ? 200

FieldNote ?

Attachments goldpart.jpg Delete

You can see that field “Title” moved next to field “Email”. Pay attention to blue and red cell borders. You can set color of those borders on settings page. If you don’t set any color, default color will be used. Now look at the rounded rectangle at the right top corner. You see that title input field has been cropped. This is caused by rather low screen resolution. You can choose alternative option of field label alignment. Select option “Place field title over field value for fields with specified row index” on settings page and field labels will be placed over field values as follows.

**Main Info** | General Info | Details

Email ? 2@dd.ocm Title \* ? Agree job specifications

Test Choice \* ? Enter Choice #1

Num1 100

Num2 ? 200

FieldNote ?

Now we need to move fields “Num 1” and “Num 2” next to “FieldNote” field. Go to settings of the fields and set “Row Index In Tab” to 6, because “FieldNote” field has index 6.

### List of available fields' settings

Here you can manage settings for list fields. To edit list field settings click on field name in table below.

Field Name	Tab Name	Order in Tab	Row Index In Tab	Validator	Show on view form	Show on new form	Show on edit form	Use autocomplete
Title2	General Info				✓	✓	✓	✗
Date Created	General Info				✓	✓	✓	✗
Date Modified	General Info				✓	✓	✓	✗
% Complete	Details				✓	✓	✓	✗
Title	Main Info	2	2		✓	✓	✓	✓
Email	Main Info	3		E-mail	✓	✓	✓	✗
Test Choice	Main Info	4			✓	✓	✓	✗
Num1	Main Info	5	6		✓	✓	✓	✗
Num2	Main Info	6	6		✓	✓	✓	✗
FieldNote	Main Info	7			✓	✓	✓	✗
Num1+Num2	Main Info	50			✓	✓	✓	✗

Now the form looks as follows.

The screenshot shows a web form with the following elements:

- Top Bar:** Includes links for 'Attach File', 'Delete Item', and 'Spelling...'. A note on the right states '\* indicates a required field'.
- Tabs:** 'Main Info' is selected, with 'General Info' and 'Details' also visible.
- Form Fields:**
  - Email:** A text input field containing 'l2@dd.ocm'.
  - Title:** A text input field containing 'Agree job specifications'.
  - Test Choice:** A dropdown menu showing 'Enter Choice #1'.
  - FieldNote:** A large text area with a rich text editor toolbar.
  - Num1:** A text input field containing '100'.
  - Num2:** A text input field containing '200'.
- Attachments:** A section at the bottom showing 'goldpart.jpg' with a 'Delete' button.

This is how you can change row indexes in tab and modify form view.

You can also adjust width of column label and column values in the list. This option is used **only when row index in tab is specified**. The width is defined in pixels. Go to list settings and define width for required fields (label and value). Click "Save" to save the settings.

## Editing field settings

Field Name:	Title
Tab Name:	Main Info
Field Order in Tab: <small>Used only when tab name is specified.</small>	2
Row index in tab: <small>Used only when tab name is specified.</small>	2
Field label column width (in pixels): <small>Used only when row index in tab is specified.</small>	100
Field value column width (in pixels): <small>Used only when row index in tab is specified.</small>	400

This way you can change the outlook of list forms. For example, if you need to have “Test choice” and “E-mail” fields standing in a straight column.

Home > ak\_site > TestFormExtender > New Item

## TestFormExtender: New Item

## Dynamic Field Visibility

Virto Form Extender starting from 4.0 version, supports dynamic fields visibility for new/edit forms. This means that you can easily adjust new and edit form for a list and organize fields' visibility (client interactive) depending on other fields' values. The dependences are built with help of logic conditions.

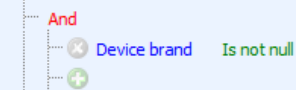
These settings are defined in “Client side field visibility filter” in list fields settings with And/Or conditions for the fields the following types:

- Single line of text;
- Choice;
- Number;
- Currency;
- Date/Time;
- Yes/No Checkbox;
- Hyperlink or Picture.

**Client side field visibility filter for new form:**

If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:



Save

Cancel

When a user fills out a new or edit form, fields are shown depending on defined value of first and/or further fields. Below is a use case of dynamic field visibility adjusted with Virto Form Extender.

**Customize Service Center Helpdesk List****Case**

We use a SharePoint list to store help desk support requests. All SharePoint users have the ability to open this list and add their support request as a new item.

We have four device brands:

- Philips
- Panasonic
- Bosch
- Electrolux
- 

Three types of device:

- TV
- Audio system
- Washing machine

**Task**

When a user tries to add a new item (request) to the list, the new form should display different fields for filling out.

**Solution**

The SharePoint list used for adding clients' requests has fields as follows (list settings page):

## Columns

A column stores information about each item in the list. The following columns are currently available in this list:

Column (click to edit)	Type	Required
Your Name	Single line of text	✓
Device brand	Choice	✓
Device Type	Choice	
Screen size	Number	
Power	Number	
Number of speakers	Number	
Loading type	Choice	
Spin-dry speed	Number	
Issue full description	Multiple lines of text	
Created By	Person or Group	
Modified By	Person or Group	

- ▣ [Create column](#)
- ▣ [Add from existing site columns](#)
- ▣ [Column ordering](#)
- ▣ [Indexed columns](#)

Go to List Settings-> Virto Form Extender List Fields Settings and add field settings.

Home > ak\_site > Service Center HelpDesk List > Settings

## Customize Service Center HelpDesk List

### List Information

Name: Service Center HelpDesk List  
 Web Address: [http://devmoss.virtosoftware.com:8004/ak\\_site/Lists/Service Center HelpDesk List/AllItems.aspx](http://devmoss.virtosoftware.com:8004/ak_site/Lists/Service%20Center%20HelpDesk%20List/AllItems.aspx)  
 Description:

### General Settings

- ▣ [Title, description and navigation](#)
- ▣ [Versioning settings](#)
- ▣ [Advanced settings](#)
- ▣ [Audience targeting settings](#)
- ▣ [Unique fields settings](#)
- ▣ [Virto Form Extender Tabs Settings](#)
- ▣ [Virto Form Extender Validators Settings](#)
- ▣ [Virto Form Extender List Fields Settings](#)
- ▣ [SharePoint list forms extensions](#)
- ▣ [Virto Bulk Edit](#)
- ▣ [Virto Bulk Upload settings](#)

### Permissions and Management

- ▣ [Delete this list](#)
- ▣ [Save list as template](#)
- ▣ [Permissions for this list](#)
- ▣ [Workflow settings](#)
- ▣ [Information management policy settings](#)
- ▣ [Virto SharePoint Workflow Status Monitor](#)

The list of available field settings (as a result) looks like below.

List settings &gt; Virto Form Extender List Fields Settings

## Virto Form Extender List Fields Settings

### List of available fields' settings

Here you can manage settings for list fields. To edit list field settings click on field name in table below.

Field Name	Tab Name	Order in Tab	Row Index In Tab	Validator	Show on view form	Show on new form	Show on edit form
<a href="#">Device Type</a>					✓	✓	✓
<a href="#">Screen size</a>					✓	✓	✓
<a href="#">Power</a>					✓	✓	✓
<a href="#">Number of speakers</a>					✓	✓	✓
<a href="#">Loading type</a>					✓	✓	✓
<a href="#">Spin-dry speed</a>					✓	✓	✓
<a href="#">Issue full description</a>					✓	✓	✓

▣ [Click here to add new field settings](#)

Let us see fields' visibility settings for all fields in details.

- 1) We need to display device type field only after user selects device brand. Fields visibility filter for Device Type field: **Show field on client side if "Device brand" is not null.**

#### Client side field visibility filter for new form:

If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:

And  
 Device brand Is not null

Save

Cancel

This means that if a value for device brand is selected, "Device Type" field will appear in the new form. The add new form look like is follows if device brand is not defined.

## Service Center HelpDesk List: New Item

Attach File

ABC Spelling...

\* indicates a required field

Your Name \*

Paul Adams

Device brand \*

☐ Philips  
☐ Panasonic  
☐ Bosch  
☐ ElecroLux

OK

Cancel

And now if we choose a brand, device type field appears.



## Service Center HelpDesk List: New Item

Attach File | Spelling...

Your Name *	Paul Adams
Device brand *	<input checked="" type="radio"/> Philips <input type="radio"/> Panasonic <input type="radio"/> Bosch <input type="radio"/> Electrolux
Device Type ?	TV

- 2) We need to display screen size only for TV. Fields visibility filter for Screen Size field: **Show field on client side if “Device brand” is not null AND “Device Type” Equals TV.**

**Client side field visibility filter for new form:**  
If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:

And	Device brand	Is not null
	Device Type	Equals TV

Save Cancel

This means that if device brand is chosen and selected device type is TV, Screen Size field will appear in the form.

## Service Center HelpDesk List: New Item

Attach File | Spelling...

Your Name *	Paul Adams
Device brand *	<input type="radio"/> Philips <input checked="" type="radio"/> Panasonic <input type="radio"/> Bosch <input type="radio"/> Electrolux
Device Type ?	TV
Screen size ?	

And if another device type is chosen, for instance, Audio System, “Screen size” field does not appear on the form.

## Service Center HelpDesk List: New Item

Attach File | Spelling...

Your Name *	Paul Adams
Device brand *	<input type="radio"/> Philips <input checked="" type="radio"/> Panasonic <input type="radio"/> Bosch <input type="radio"/> Electrolux
Device Type ?	Audio system ▼
Power	
Number of speakers	

- 3) We need to display power for all types of devices. Fields visibility filter for Power field: **Show field on client side if “Device brand” is not null AND “Device Type” is not null.**

### Client side field visibility filter for new form:

If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:



Save

Cancel

This means that if device brand and type are chosen, Power field will appear in the form.

Home > ak\_site > Service Center HelpDesk List > New Item

## Service Center HelpDesk List: New Item

OK Cancel

Attach File | Spelling... \* indicates a required field

Your Name *	Paul Adams
Device brand *	<input type="radio"/> Philips <input checked="" type="radio"/> Panasonic <input type="radio"/> Bosch <input type="radio"/> Electrolux
Device Type ?	TV ▼
Screen size ?	21
Power	88
Issue full description ?	<div></div> <p>Click for help about adding basic HTML formatting.</p>

OK Cancel

And if any other device type and brand type are chosen, “Power” field appears in the form too.

## Service Center HelpDesk List: New Item

Attach File | ABC Spelling...

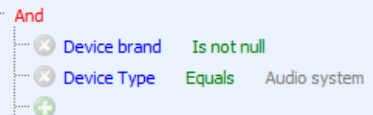
Your Name *	Paul Adams
Device brand *	<input type="radio"/> Philips <input checked="" type="radio"/> Panasonic <input type="radio"/> Bosch <input type="radio"/> Electrolux
Device Type ?	Audio system ▼
Power	<input type="text"/>
Number of speakers	<input type="text"/>

- 4) Number of speakers should be shown only for audio systems. Fields visibility filter for Number of Speakers field: **Show field on client side if “Device brand” is not null AND “Device Type” Equals Audio System.**

### Client side field visibility filter for new form:

If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:



Save

Cancel

This means that if device brand is chosen and selected device type is Audio system, Number of Speakers field will appear in the form.

## Service Center HelpDesk List: New Item

Attach File | ABC Spelling...

Your Name *	Paul Adams
Device brand *	<input type="radio"/> Philips <input checked="" type="radio"/> Panasonic <input type="radio"/> Bosch <input type="radio"/> Electrolux
Device Type ?	Audio system ▼
Power	<input type="text"/>
Number of speakers	5

- 5) Loading type should be shown only for Bosch and Electrolux washing machines. Fields visibility filter for Loading Type field: **Show field on client side if “Device brand” is any of Bosch/Electrolux AND “Device Type” equals Washing Machine.**

**Client side field visibility filter for new form:**

If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:

And

- Device brand Is any of Philips Panasonic Bosch Electrolux
- Device Type Equals Washing machine

Save

Cancel

This means that if device brand is Electrolux or Bosch, and selected device type is Audio system, Loading type field will appear in the form.

## Service Center HelpDesk List: New Item

Attach File | Spelling...

Your Name \* Paul Adams

Device brand \* ☐ Philips ☐ Panasonic ☐ Bosch ☒ Electrolux

Device Type ? Washing machine

Power

Loading type Front

Spin-dry speed Front Top

Issue full description ? Loading type

- 6) We need to display Spin-dry speed field only for Bosch and Electrolux washing machines. Fields visibility filter for Spin-dry speed field: **Show field on client side if “Device brand” is any of Bosch/Electrolux AND “Device Type” Equals Washing Machine.**

**Client side field visibility filter for new form:**

If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:

And

- Device brand Is any of Philips Panasonic Bosch Electrolux
- Device Type Equals Washing machine

Save

Cancel

This means that if device brand Bosch or Electrolux and selected device type is washing machine, Spin-dry spin field will appear in the form.

## Service Center HelpDesk List: New Item

Attach File | ABC Spelling...

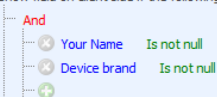
Your Name *	Paul Adams
Device brand *	<input type="radio"/> Philips <input type="radio"/> Panasonic <input type="radio"/> Bosch <input checked="" type="radio"/> Electrolux
Device Type ?	Washing machine ▾
Power	<input type="text"/>
Loading type	Front ▾
Spin-dry speed	3200

- 7) Finally Full description field should be shown after a user entered name and defined device brand. Fields visibility filter for Full description field: **Show field on client side if “Your Name” is not null AND “Device Brand” is not null.**

### Client side field visibility filter for new form:

If filter is not empty this field will be displayed on new item form then and only then filter condition is true.

Show field on client side if the following condition is true:



Save Cancel

This means that if name field is filled out and device brand is selected, Issue description field will appear in the form.

## Service Center HelpDesk List: New Item

OK Cancel

Attach File | ABC Spelling... \* indicates a required field

Your Name *	Paul Adams
Device brand *	<input type="radio"/> Philips <input type="radio"/> Panasonic <input type="radio"/> Bosch <input checked="" type="radio"/> Electrolux
Device Type ?	Washing machine ▾
Power	<input type="text"/>
Loading type	Front ▾
Spin-dry speed	3200
Issue full description ?	<div></div> <p>Click for help about adding basic HTML formatting.</p>

OK Cancel

As a result a SharePoint list is filled out with help of dynamic field visibility.

site

Home site Categories Reports Search Taxonomy Administration

Advanced Search

Site Actions

Home > Service Center HelpDesk List

### Service Center HelpDesk List

View: All Items

New	Actions	Settings	Your Name	Device Type	Screen size	Device brand	Power	Number of speakers	Loading type	Spin-dry speed	Issue full description
			Paul Adams	Washing machine	21	Electrolux	1,800	5	Front	3,200	Too long washing in several modes.
			Gregory Owen	TV	21	Philips	121		Front		No image on the screen.
			Jane Fox	Audio system		Bosch	123	5	Front		One of speakers does not work.
			Alice Jones	Washing machine		Electrolux	1,300		Top	1,350	Switch does not work.
			Collin McArthur	TV	21	Philips	1,200		Front		No sound.

View All Site Content

**Pictures**

- MS Presentation
- Cars
- Cars2
- Image Slider 4 Demo

**Documents**

- Shared Documents
- Workbooks
- myWorkbooksDCL
- Document Storage

## Version Release History

Release Date	Version	Description
12/24/2015	v. 5.1.1	[-] Bug with hiding wrong tab in some cases has been fixed.
07/14/2015	v. 5.1.0	[+] New license manager
07/08/2013	v. 4.1.0	[*] Security permissions (on fields and tabs visibility) for groups support indirect membership in AD security groups.
04/26/2012	v. 4.0.0	[+] Dynamic (client side) field visibility has been added for new/edit item forms.
05/26/2011	v.3.0.0	[+] Site administrator can grant permissions to users/groups to edit list form extender settings. [+] Added tabs and validators management pages. [+] Added tabs security. [+] Added custom filters for tabs visibility on view and edit item forms. [+] Ability to show tabs as blocks has been added. [+] Tabs themes have been added. [+] Added custom filters for fields' visibility on view and edit item forms. [*] Improved fields' visibility settings. Required fields can be hidden. [*] Validators can be applied to fields with number type and multiline text type.
12/15/2010	v. 2.3.0	[+] Support for "Document Library" list has been added.
08/25/2010	v. 2.1.0	[+] Options for field label column width and field value column width has been added for multicolumn layout in tab. [-] Minor bugs fixed.
08/11/2010	v. 2.0.0	[+] First Public release of version for SharePoint 2010 [+] Ability to place some form rows next to other ones has been added. [+] Security option for autocomplete results has been added.
02/25/2010	v. 1.1.0	[+] Client side validators for text fields have been added. [+] Form extender settings for calculated fields (on view item form only) have been enabled
02/05/2010	v. 1.0.1	[+] Added field visibility settings for non required fields. [+] Autosuggestion option has been added to auto complete settings. [*] Appearance of field tooltip has been changed. [*] Tab name is not required any more in field settings. [-] Minor bugs fixed.
12/29/2009	v. 1.0.0	First Release  - bug fixed + new features added