

Virto Silverlight Data Grid for Microsoft SharePoint Release 1.0.0



User and Installation Guide

Table of Contents

OVERVIEW	3
FEATURES LIST	3
SYSTEM/DEVELOPER REQUIREMENTS	3
OPERATING SYSTEM	
Server	
Browser	
INSTALLATION AND ACTIVATION	5
Installing Virto Silverlight Data Grid	5
LICENSE ACTIVATION	
UPGRADING VIRTO SILVERLIGHT DATA GRID	9
UNINSTALLING VIRTO SILVERLIGHT DATA GRID	9
ADMINISTRATION AND USAGE	10
Adding Web Part to a SharePoint site	
Virto Silverlight Data Grid Settings	
Quick Data Source Wizard	
Mapping Fields	
Color Settings and Read-Only Checkbox	
Adding Data Grid Columns	
USING VIRTO SILVERLIGHT DATA GRID	
VERSION RELEASE HISTORY	23

Virto Silverlight Data Grid for Microsoft SharePoint

Overview

Virto Data Grid Silverlight is intended to aggregate data from various SharePoint lists and edit it interactively right in the Grid view.

The web part consolidates various SharePoint list items from multiple areas and web sites into a single view with ability to display filter and sort relevant information.

The In-line editing of data is supported in Virto Silverlight Data Grid for all browsers and both for Windows and Mac operating systems. This feature allows users to do quick edits to simple text without having to switch modes or screens. Required edit is done on the same interface right in the place you need it.

Moreover, Virto Silverlight Data Grid allows creating SharePoint list items directly from the view and save your time.

You can also use color coding for cells, lines and etc., and display information in the most appropriate way.

Feature	Version				
In-line editing of data	v.1.0				
Aggregating data from various SharePoint lists	v.1.0				
Filtering displayed information	v.1.0				
Sorting options	v.1.0				
Silverlight Create Form	v.1.0				
Cross-browsing	v.1.0				
Supported in Windows and Mac OS	v.1.0				
Color-coded cells, lines an rows	Future Releases				
Import/Export from/to Excel (CSV)	Future Releases				
Silverlight Edit Form Future Relea					
"Summary row" option Future Releases					

Features List

System/Developer 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.

SharePoint Release 2010:

- Microsoft Windows SharePoint Foundation 2010 or Microsoft Office SharePoint Server 2010;

- 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 recommended. All browsers for Windows and Mac OS are supported.

Installation and Activation

This section describes how to install, upgrade, uninstall, or contact Support for the Virto Silverlight Data Grid.

Installing Virto Silverlight Data Grid

Before you begin, you need to make sure you have access to the server and your account must have the appropriate administrative privileges to install applications.

Virto Silverlight Data Grid for SharePoint setup program provides links to the various installation components for the calendar.

To access Virto Silverlight Data Grid Setup program download Virto.Silverlight.DataGrid.Setup.2010.X.X.zip file and unzip it. Run extracted Setup.exe file.

The setup wizard window will appear.

1	Virto Silverlight Data Grid for SharePoint 2010
	Virto Silverlight Data Grid for SharePoint 2010
	Welcome to the Virto Silverlight Data Grid for SharePoint 2010 setup wizard
	This setup wizard will install and deploy Virto Silverlight Data Grid for SharePoint 2010 to your SharePoint 2010 farm.
	www.virtosoftware.com

Virto Silverlight Data Grid 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".

Vir	to Silverlight Data Grid for SharePoint 2010	
c fi	System Check Checking if Virto Silverlight Data Grid for SharePoint 2010 from this machine	Virto Softwave
	 Microsoft .NET Framework 3.5 is installed. Windows SharePoint Foundation 2010 is installed. You have permission to install and deploy SharePoint solutions. The Windows SharePoint Services Administration service is started The Windows SharePoint Services Timer service is started Does the solution file exist? Detecting Virto Silverlight Data Grid for SharePoint 2010 	
W	ww.virtosoftware.com	<u>A</u> bort

6

Check "I accept the terms in the License Agreement" and 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.

/irto Silverlight Data Grid for SharePoint 2010	
Site Collection Deployment Targets	Virto
Please select one or more web applications / site collections	204 100010
Web Applications / Site Collections:	
⊡ http://01/ (SharePoint - 80) (1 site collection) ⊡ ·	
Please click the Next button to start the installation process.	
Previous Next	Abort
www.virtosoftware.com	

Then click "Next".

mataning				Virto
Please wait while Virto	Silverlight Data Grid for	SharePoint 2010 is	installed	Softwar
	antick to conclude Deces Al			
Waiting for solution deploym	ent job to complete. Press At	port to stop.		

8

Click "Close" to complete the installation.



License Activation

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

Upgrading Virto Silverlight Data Grid

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

On the step 3 check the box "Upgrade" and click "Next".

Note: *if* you had activated the license while installing the previous Virto Silverlight Data Grid version, you do not need to activate it now.

Uninstalling Virto Silverlight Data Grid

To uninstall the component:

- 1. Double click the Setup.exe extracted from downloaded Virto.Silverlight.DataGrid.Setup.2010.X.X.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".

Administration and Usage

Adding Web Part to a SharePoint site

Go to SharePoint site where you want to add the calendar and open "Site Actions - Edit page". You will switch to edit mode.

🎁 s	ite						
Home	site	Categ	gories	Reports	Search	Taxonomy Administration	1
View All	Site Content	t	Но	me > site			
ShareWork	d Documents books	5					
 myWe Lists 	orkbooksDCL	_					
Calen	dar						

Click "Add a Web Part".

🎁 si	te								Advanced Search
Home	site	Categories	Reports	Search	Taxonomy Administration				Site Actions 🔻
Versio	Version: You are editing the Shared Version of this page Exit Edit							Exit Edit Mode 🗙	
View All Site Content Home > ak_site									
Docum	ents	Left Right					Right		
ShareWorkt	d Document: books	Add a Web Part		🖳 Add a Web	Part				

Select Virto Silverlight Data Grid at the bottom of the list and click "Add".

Add Web Parts - Mozilla Firefox
virtosoftware.com/site/_layouts/webpartgallerypickerpage.aspx
Add Web Parts to Header
Virto Resource Utilization Web Part for SharePoint Image: Comparison of the project like project task hierarchy viewer with built-in scheduling and constraints support.
✓ Virto Silverlight Data Grid for SharePoint Use the Virto Silverlight GridView as a simple and useful tool.
Virto Social Aggregator Web Part Use the Social Aggregator Web Part for SharePoint to connect to various social networks.
Virto Tag Cloud Virto Tag Cloud is a simple and useful tool for effective structuring your data stored in SharePoint lists, and providing easy navigation.
 Virto Unzip Utility for SharePoint Use the Virto Unzip Utility for SharePoint for extracting files from archives in document libraries.
Advanced Web Part gallery and options
Add Cancel

11

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

🎁 si	ite					Advar	nced Sear
Home	site	Categories	Reports	Search	Taxonomy Administration	Site	e Actions
Versio	n: You	are editing t	he Shared	d Version	of this page	Exit	t Edit Mode
View All	Site Cor	itent	Hom	ie > site			

Added web part will be displayed on page. To adjust it, go to web part settings.

Virto Silverlight Data Grid Settings

To adjust Virto Silverlight Data Grid go to "Edit Web Part" block.

					12			
Site Actions 👻	🖬 Browse Page	Page Tools Insert						•
Stop Editing	Edit Properties - X Delete Page	E-mail a Alert Link Me +	Approve Reject	Workflows	Edit Mobile Make Page - Homepage	Title Bar Properties		
Full Page	Manage	Share & Hack	Approva	WORKHOW	Page Actions			
				Add a Web	Part			
Virto Silv	verlight Data Grid							•
							×	Minimize Close Delete Edit Web Part

Adjusting process of the web part is simple. You need to define data source and either use "Quick Add" button or define custom column settings.

Quick Data Source Wizard

It is possible to use "Quick Add" options in order to add data sources with predefined list of columns. Click "Quick Add".

Virto Silverlight Data Grid X
Grid View Settings
Quick Datasource Wizard Quick adding of data sources with predefined list of columns Quick add
Columns Settings
Add new
Frozen Column Count (0 - not use)
0
Sorting
[Not set] 🗸
Ascending Oescending
First group by the column
[Not set] 👻
Then group by the column
[Not set] 👻
Read only Data sources settings Add new

Then define SharePoint list data source, select site where it is placed, and select the list from which the columns will be taken.

Quick Datasource Wizard

Quick adding of data sources with predefined list of columns Quick add

Data source	
Sharepoint List 👻	
Site	
http://06/test	
List	
AllColumnTypesList 👻]
AllColumnTypesList	
Announcements	
Calendar	
Countries	Generate Cancel
Links	Generate
Shared Documents	
Site Assets	
Site Pages	
ream Discussion	
web Part Pages	J

Select SharePoint view that will be used for displayed items and click "Generate".

Generate Cancel

The list of columns which will be displayed in the Grid appears in Grid View settings block.

Grid View Settings				
Columns Settings				
Single List Of Text	Þ		Ŷ	$\boldsymbol{\times}$
Multiple Lines of Text plain	P 4	î	Ŷ	×
Choice dropd-down menu	P -	î	Ŷ	×
Number	>	î	Ŷ	$\boldsymbol{\times}$
Percent	>	î	Ŷ	$\boldsymbol{ imes}$
Currency SFr	P -	î	Ŷ	×
DateAndTime	P -	î	Ŷ	×
Date Only	P -	î	Ŷ	×
YesNo check box	>	î	Ŷ	×
People Only	1	î	Ŷ	×
People and Groups	1	î	Ŷ	×
Hyperlink	P -	î	Ŷ	×
Picture	D -	î	Ŷ	×
Lookup Countries	> -	î	Ŷ	×
Multi Lookup Countries	1	î	Ŷ	×
Created By	>	î		×
Add new				

Here you can add more columns with "Add new" button if you need, change columns order or edit them.

Roll down to other settings and define the number of frozen columns (columns that won't be scrolled and will be displayed on the page constantly).

Frozen Column Count (0	 not use)
3	

Define sorting column that will be used for data grid by default.

Sorting	
DateAndTime	
[Not set] Choice dropd-down menu Created By Currency SFr Date Only	
DateAndTime	
Hyperlink Lookup Countries Multi Lookup Countries Multiple Lines of Text plain Number People and Groups People Only Percent Picture Single List Of Text YesNo check box	

Select ascending or descending order of sorting.

Sorting	
DateAndTime	-
Ascending	Descending

You can define grouping (two levels). The data will be grouped by values of selected columns.

First group by the column	
Picture	•
Then group by the column	
Created By	•

Mapping Fields

When data source is defined you can start mapping fields and match Grid columns to SharePoint list columns. When quick add wizard is used, mapping is automatic. Click "Edit" opposite the data source to start fields mapping.

16

Mapping fields

Single List Of Text	Single List Of Text 👻
Multiple Lines of Text plain	Multiple Lines of Text (plain) 👻
Choice dropd-down menu	Choice (dropd-down menu) 👻
Number	Number 👻
Percent	Percent 👻
Currency SFr	Currency (SFr.) 👻
DateAndTime	DateAndTime 👻
Date Only	Date Only 👻
YesNo check box	YesNo (check box) 👻
People Only	People Only 👻
People and Groups	People and Groups 👻
Hyperlink	Hyperlink 👻
Picture	Picture 👻
Lookup Countries	Lookup (Countries) 🔹
Multi Lookup Countries	Multi Lookup (Countries) 👻
Created By	Created By 👻

Color Settings and Read-Only Checkbox

Define background and text color with RGB.

😺 Backgro	ound color			
	- 222	- 005		
R: 135	G: 206	B: 235		
Text col	lor		 	
V Text co				
R: 025	G: 025	B: 112		
Read or	ıly		 	
			Save	Cancel

Data Grid can be read only and none will be allowed to make any changes to it. Just use "Read only" checkbox.

Read only

When all settings are defines, click "Save". After making all required actions with Data Grid settings, click "Apply" or "OK" to save them.

Data sources settings
AllColumnTypesList 📝 🗙
Add new
Addition
+ Layout
t Advanced
L Advanced
OK Cancel Apply

Adding Data Grid Columns

You may not use quick data source wizard and add columns by yourself. Click "Add column".

Quick Datasource Wizard Quick adding of data sources with predefined list of columns Quick add

Columns Settings Add new

Then define all the required column settings.

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Columns Settings Add new	
Name	
Country	
Туре	
SingleLineOfText -	
Width	
250	
Background color	
R: 255 G: 255 B: 255	
R: 0 G: 0 B: 0	
	Save Cancel

Note: "Show in summary row" option will be available in future releases.

Click "Save" to save the added column settings. Other settings are the same as described previously.

Using Virto Silverlight Data Grid

When you have defined all the settings using quick add wizard or by yourself, go to Virto Silverlight Data Grid page.

You will see aggregated from data sources data in a single grid view.

Site Actions 🔹 🐋 🛛 Browse 🛛 Page

H.

Test → Virto Silverlight Data Grid

Test								
Virto Silverlight D	ata Grid							
ပ္ New	🕒 Actions 🛛 🔍	🕀 🖨						
Single List Of Text	Multiple Lines of Text plain	Choice dropd-down menu	Number	Percent	Currency SFr	DateAndTime	Date Only	YesNo check box
Kristina	First Line Second Line 1	Enter Choice #1	350	31%	555	3/25/2012 1:30:00 PM	4/1/2012	✓
Paige	First Line Second Line 2	Enter Choice #2	60	2%	666	3/26/2012 2:00:00 AM	14/2/2012	\checkmark
Sherri	First Line Second Line 3	Enter Choice #1	70	3%	777	3/26/2012 2:30:00 PM	4/3/2012	\checkmark
Gretchen	First Line Second Line 4	Enter Choice #2	80	4%	888	3/27/2012 3:00:00 AM	14/4/2012	
Karen	First Line Second Line 5	Enter Choice #1	90	5%	999	3/27/2012 3:30:00 PM	4/5/2012	
Patrick	First Line Second Line 6	Enter Choice #2	100	6%	1110	3/28/2012 4:00:00 AM	14/6/2012	1
Elsie	First Line Second Line 7	Enter Choice #1	110	7%	1221	3/28/2012 4:30:00 PM	4/7/2012	1
Hazel	First Line Second Line 8	Enter Choice #2	120	8%	1332	3/29/2012 5:00:00 AM	14/8/2012	1
Malcolm	First Line Second Line 9	Enter Choice #1	130	9%	1443	3/29/2012 5:30:00 PM	4/9/2012	1
Dolores	First Line Second Line 10	Enter Choice #2	140	10%	1554	3/30/2012 6:00:00 AM	14/10/2012	1
Francis	First Line Second Line 11	Enter Choice #3	150	11%	1665	3/30/2012 6:30:00 PM	4/11/2012	V
Sandy	First Line Second Line 12	Enter Choice #2	160	12%	1776	3/31/2012 7:00:00 AM	4/12/2012	1

First of all, with Virto Silverlight Data Grid you can use in-line edit mode and make edits right in the grid without any switch to another mode or view.

	🕀 New 🕞 Actions		Ś	•		â		
Single List Of Text		Multiple Lines of	Multiple Lines of Text plain			Choice dropd-down menu		
ľ	Kristina	stina ^F irst Line Secor			Enter	Choice #1		
ľ	raige	First Line Second	l Line 2		Enter	Choice #2		
0	herri First Line Second		J Line 3 Ente			er Choice #1		
¢	Gretchen	First Line Second	l Line 4		Enter	Choice #2		

With Virto Data Grid you can easily sort displayed items in ascending or descending order by various columns. Just click once or twice on the column title (just as you do when working with Excel tables).

பூ New	G Actions	S	÷	â
Single List Of Text 4	Multiple Lines of	Text plain	Choi	ce dropd-down
Alex	First Line Second	d Line 21	Enter	Choice #1
Beth	First Line Second	d Line 14	Enter	Choice #2
Claire	First Line Second	d Line 25	Enter	Choice #1
Crystal	First Line Second	d Line 20	Enter	Choice #2
Dolores	First Line Second	d Line 10	Enter	Choice #2
Dwight	First Line Second	d Line 28	Enter	Choice #2
Elsie	First Line Second	d Line 7	Enter	Choice #1
Eric	First Line Second	d Line 22	Enter	Choice #2
Francis	First Line Second	d Line 11	Enter	Choice #3
Franklin	First Line Second	d Line 24	Enter	Choice #2
Gretchen	First Line Second	d Line 4	Enter	Choice #2

To add new item use "New" button and fill out the Silverlight form. If more than one Data Source is added, select required one to add an item into it.

ပ္ New	G Actions	Ś		ä	
Single List Of Tex	t Multiple Lines of	Text plain	Choic	e dropd-down	n me
Kristina	First Line Secon	d Line 1	Enter	Choice #1	
Paige	First Line Second	d Line 2	Enter	Choice #2	
Sherri	First Line Second	d Line 3	Enter	Choice #1	
Gretchen	First Line Second	d Line 4	Enter	Choice #2	
Karen	First Line Second	d Line 5	Enter	Choice #1	

New Item				23
		Source:	AllColumnTypesList	•
Title	Sharon			-
Single List Of Text				
Multiple Lines of Text (plain)				
Choice (dropd-down menu)	Enter Choice #1		•	
Number				
Percent			%	
Currency (SFr.)				•
		(OK Cano	el

With "Actions" menu you can view or edit an item, delete it or refresh the grid.

දා New	Actions	Ś	÷	â)			
Single List Of Tex	C Refresh	t plain	Choic	e dropd-dow	n menu	Number	Percent	Τ
Kristina	P Edit Item	ne 1	Enter	Choice #1	3	350	31%	!
Paige	Delete Item	- e 2	Enter	Choice #2	•	60	2%	1
Sherri	First Line Second	eme 3	Enter	Choice #1	2	70	3%	:
Gretchen	First Line Second	Line 4	Enter	Choice #2	٤	80	4%	1
Karen	First Line Second	Line 5	Enter	Choice #1	ġ	90	5%	1
Patrick	First Line Second	Line 6	Enter	Choice #2	:	100	6%	:
Elsie	First Line Second	Line 7	Enter	Choice #1	:	110	7%	:

Easy way to filter items can be used in the component. Click "Show Find and Filter Bar" to define filter for the grid. Enter a part or the whole column value to find and filter required information.

유 New	🔂 Actions	<u>م</u>	æ	ä
Single List Of Text	Multiple Lines of	Text plain	ows Find and Choic	e dropd-down menu
Kristina	First Line Secon	d Line 1	Enter	Choice #1
Paige	First Line Second	Line 2	Enter	Choice #2

			22	2		
பூ New	G Actions	Ś	÷	â		
S Mar						
Single List Of Text	Multiple Lines of	Text plain	Choi	ce dropd-down men	u Number	
Francis	First Line Second	Line 11	Enter	Choice #3	150	
Marion	First Line Second	Line 13	Enter	Choice #1	170	
Marian	First Line Second	Line 26	Enter	Choice #2	300	
Marcia	First Line Second	Line 27	Enter	Choice #1	310	

To switch to full screen mode, use full screen button.

பூ New	C Actions	Ś		â					
Single List Of Text	Multiple Lines	of Text plain	Choic	e dropd-down menu	Number	Percent	Currency SFr	DateAndTime	Date Only
Kristina	First Line Sec	ond Line 1	Enter	Choice #1	350	31%	555	3/25/2012 1:30:00 PM	4/1/2012
Paige	First Line Seco	ond Line 2	Enter	Choice #2	60	2%	666	3/26/2012 2:00:00 AM	14/2/2012
Sherri	First Line Seco	ond Line 3	Enter	Choice #1	70	3%	777	3/26/2012 2:30:00 PM	4/3/2012
Gretchen	First Line Seco	ond Line 4	Enter	Choice #2	80	4%	888	3/27/2012 3:00:00 AM	14/4/2012
Karen	First Line Seco	ond Line 5	Enter	Choice #1	90	5%	999	3/27/2012 3:30:00 PM	4/5/2012
Patrick	First Line Seco	ond Line 6	Enter	Choice #2	100	6%	1110	3/28/2012 4:00:00 AM	14/6/2012
Elsie	First Line Seco	ond Line 7	Enter	Choice #1	110	7%	1221	3/28/2012 4:30:00 PM	4/7/2012
Hazel	First Line Seco	ond Line 8	Enter	Choice #2	120	8%	1332	3/29/2012 5:00:00 AM	14/8/2012
Malcolm	First Line Seco	ond Line 9	Enter	Choice #1	130	9%	1443	3/29/2012 5:30:00 PM	4/9/2012
Dolores	First Line Seco	ond Line 10	Enter	Choice #2	140	10%	1554	3/30/2012 6:00:00 AM	14/10/2012
Francis	First Line Seco	ond Line 11	Enter	Choice #3	150	11%	1665	3/30/2012 6:30:00 PM	4/11/2012
Sandy	First Line Seco	ond Line 12	Enter	Choice #2	160	12%	1776	3/31/2012 7:00:00 AM	14/12/2012
Marion	First Line Seco	ond Line 13	Enter	Choice #1	170	13%	1887	3/31/2012 7:30:00 PM	4/13/2012

To print items displayed on the page, use "Print" button.

பூ New	🔂 Actions 🛛 🔍	⊕ <u> </u>						
		Prints what you see	e on the scree	en				
Single List Of Text	Multiple Lines of Text plain	Choice dropd-down menu	Number	Percent	Currency SFr	DateAndTime	Date Only	YesNo check box
Kristina	First Line Second Line 1	Enter Choice #1	350	31%	555	3/25/2012 1:30:00 PM	4/1/2012	1
Paige	First Line Second Line 2	Enter Choice #2	60	2%	666	3/26/2012 2:00:00 AM	4/2/2012	\checkmark
Sherri	First Line Second Line 3	Enter Choice #1	70	3%	777	3/26/2012 2:30:00 PM	4/3/2012	\checkmark
Gretchen	First Line Second Line 4	Enter Choice #2	80	4%	888	3/27/2012 3:00:00 AM	4/4/2012	
Karen	First Line Second Line 5	Enter Choice #1	90	5%	999	3/27/2012 3:30:00 PM	4/5/2012	
Patrick	First Line Second Line 6	Enter Choice #2	100	6%	1110	3/28/2012 4:00:00 AM	4/6/2012	\checkmark
Elsie	First Line Second Line 7	Enter Choice #1	110	7%	1221	3/28/2012 4:30:00 PM	4/7/2012	\checkmark
Hazel	First Line Second Line 8	Enter Choice #2	120	8%	1332	3/29/2012 5:00:00 AM	4/8/2012	\checkmark
Malcolm	First Line Second Line 9	Enter Choice #1	130	9%	1443	3/29/2012 5:30:00 PM	4/9/2012	\checkmark
Dolores	First Line Second Line 10	Enter Choice #2	140	10%	1554	3/30/2012 6:00:00 AM	4/10/2012	\checkmark
Francis	First Line Second Line 11	Enter Choice #3	150	11%	1665	3/30/2012 6:30:00 PM	4/11/2012	1
Sandy	First Line Second Line 12	Enter Choice #2	160	12%	1776	3/31/2012 7:00:00 AM	4/12/2012	\checkmark
Marion	First Line Second Line 13	Enter Choice #1	170	13%	1887	3/31/2012 7:30:00 PM	4/13/2012	\checkmark

Version Release History

Release Date	Version	Description
04/06/2012	v.1.0.0	First public release.