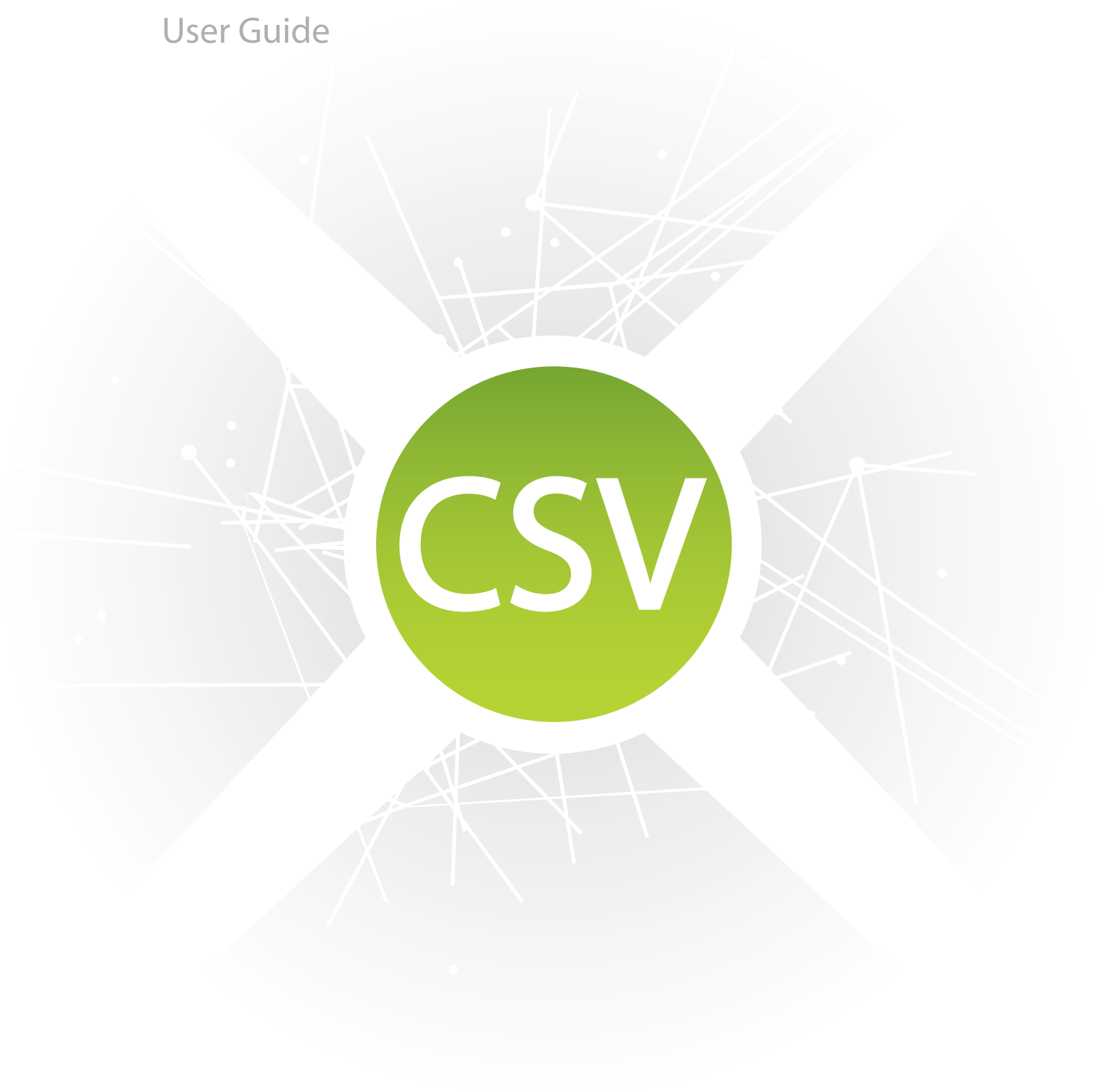
Centigon solutions

CSV Connector v1.0
User Guide



CSV Connector Introduction

CSV Connector for Xcelsius 2008 provides direct connectivity to any CSV file with point and click simplicity. Enabling you to bypass XML configuration or web services, CSV connector is the perfect solution for loading external data into your Xcelsius dashboards on your desktop. Whether loading CSV data from a web server or your local file system, CSV connector provides connectivity quickly, without any additional server-side installation.

CSV Connector is configured as an Xcelsius data connection within Xcelsius Engage and Engage Server versions. Load CSV data from a web server or local file system without dependencies on web services or server-side scripts. Generate a preview of the data within the property sheet and bind your data with point and click ease.

Install Requirements

Client Requirements

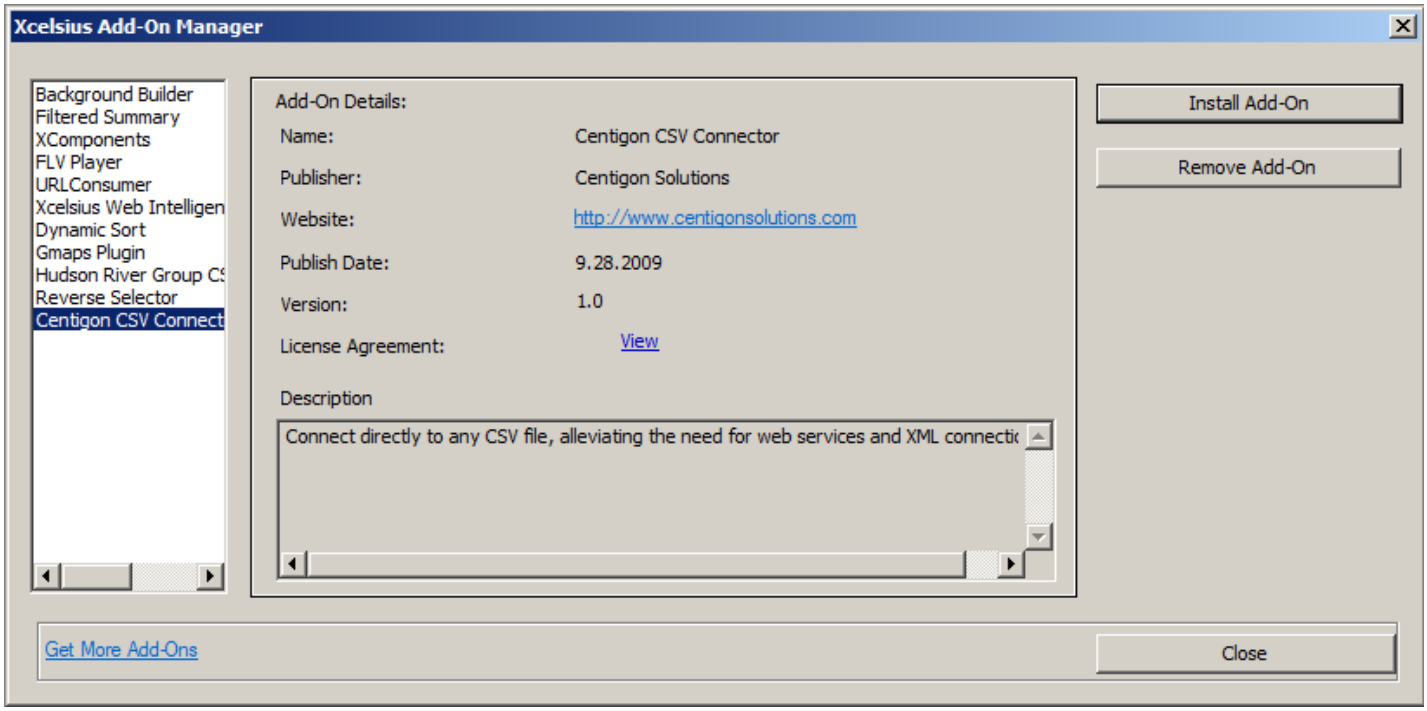
Xcelsius 2008 Service Pack 1 or greater
Flash Player 9
*Requires Xceslsius Engage, Engage Server, or Enterprise version.

Install Disk Space
2 MB

More Information

If you have any questions about this document please contact Centigon Solutions support at:
support@centigonsolutions.com

Installation



1. Open Xcelsius 2008
*Make sure you have the latest service pack and hotfix installed.

2. Click File>Manage Add-Ons

3. Click on Install Add-On.

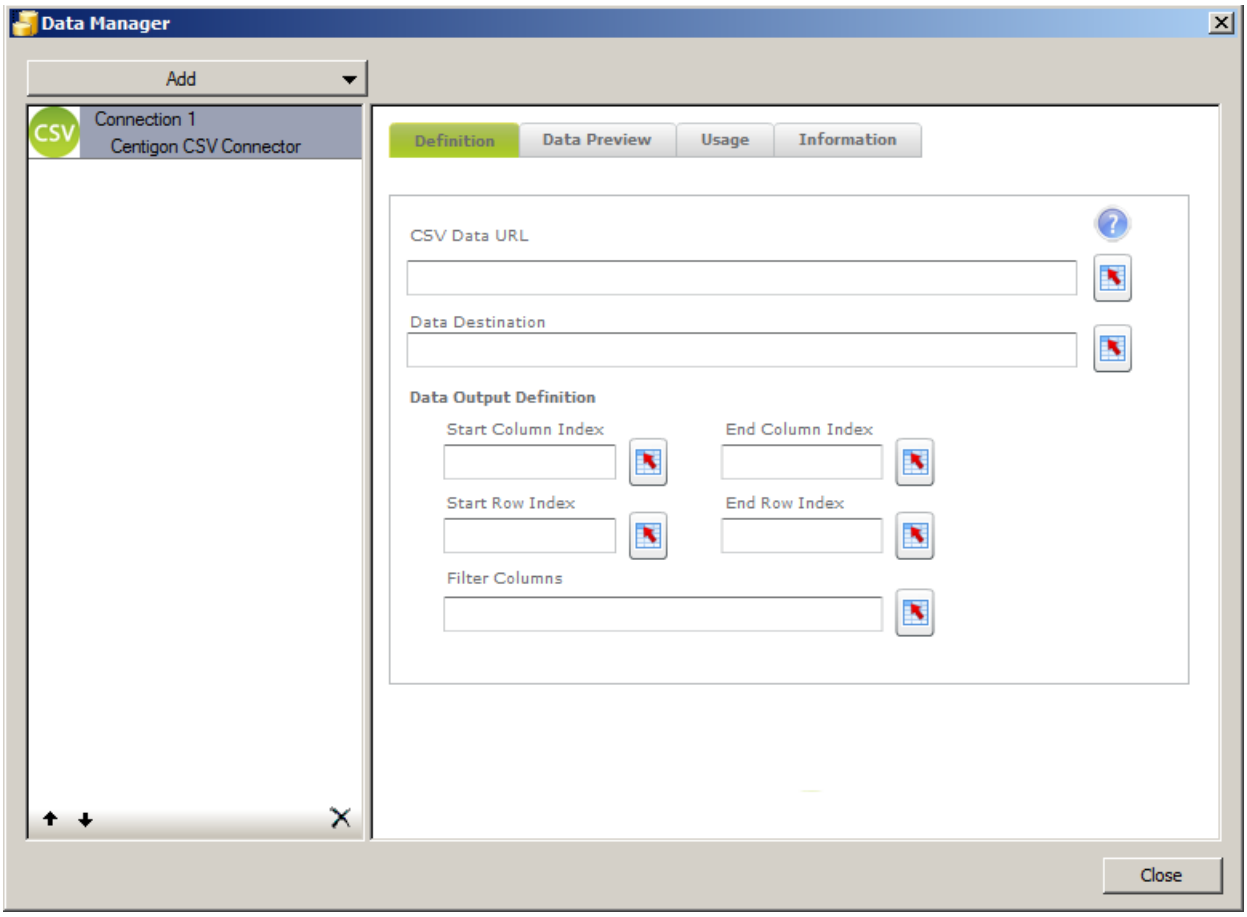
4. Navigate and to the downloaded CSV Connector.xlx file.

5. Close the Add-On Manager

6.Re-open Xcelsius 2008 to access CSV Connector, located in the Data Manager.

Properties Sheet Overview

Definition



CSV Data URL- CSV URL- Define absolute or relative URL for the CSV file. CSV Connector supports http:// for remote CSV files and file:// for files located on a local or network drive. *(see page 8 for more details)*.

Data Destination- Bind the data range where the csv data will be loaded into during runtime.

Start/End Column Index- Define optional starting and ending index (numeric value) columns that you would like to load into the Xceslsius model. Leaving these properties blank will load all data. A modification to any of these properties can be previewd on the "Data Preview" tab.

Start/End Row Index- Define optional starting and ending index (numeric value) rows that you would like to load into the Xceslsius model. Leaving these properties blank will load all data. A modification to any of these properties can be previewd on the "Data Preview" tab.

Filter Columns- To refine the CSV data loaded into your Xcelsius model, you can utilize CSV Connector filtering capabilities. The CSV filter will evaluate each column within your data before it is loaded into your Xcelsius dashboard, facilitating a more scalable dashboard solution when large data volume requirements exist.

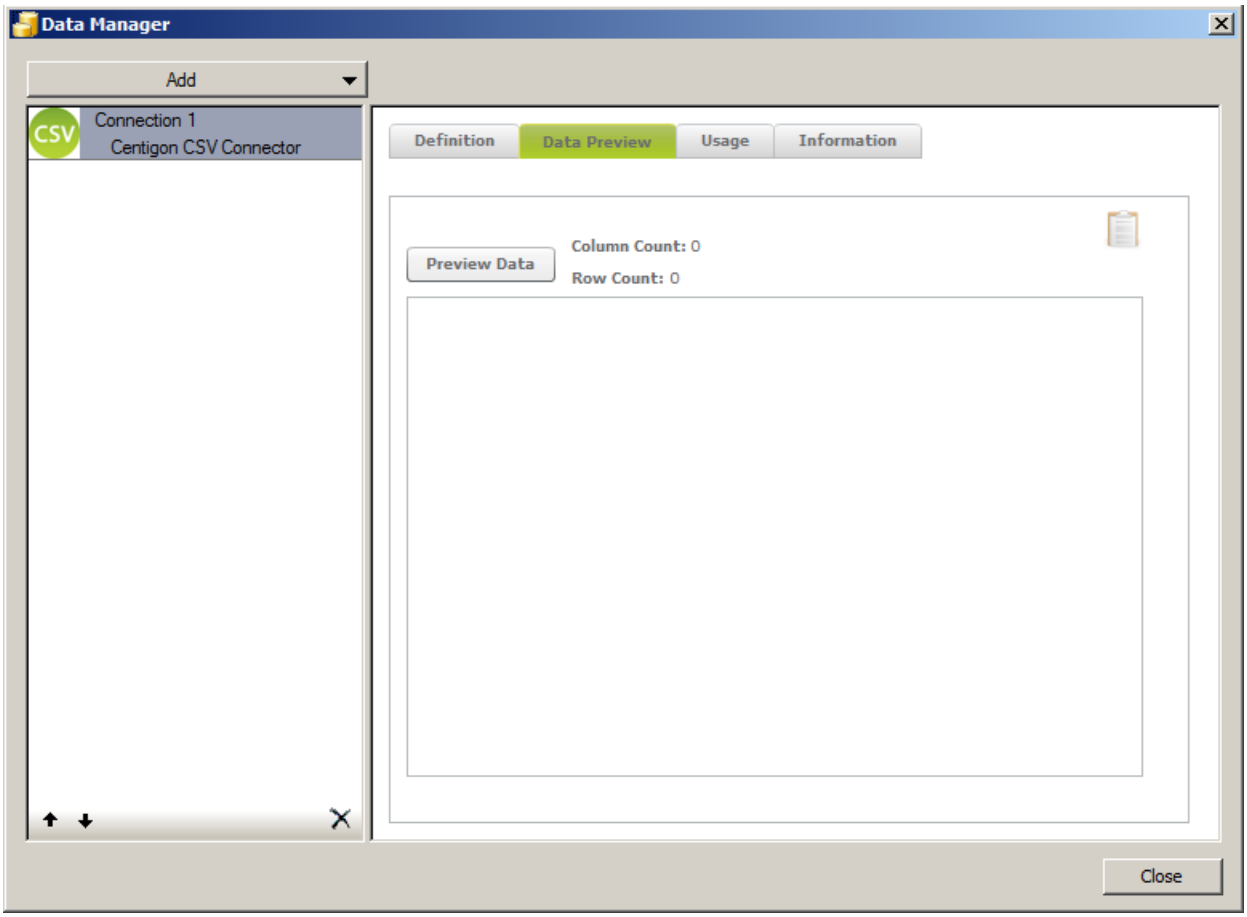
Filters	*	*	*	*	North
Data Destination	34	33	44	32	North
	64	23	66	22	North
	12	18	33	31	North

Define your filter range- CSV Filters should be bound to a cell range (row) with the same number of columns as the destination range.

Display all rows (wildcard)- If you do NOT want to filter a specific column within your range, you can simply enter an asterisk ("*") which notifies the filter property

Properties Sheet Overview

Data Preview



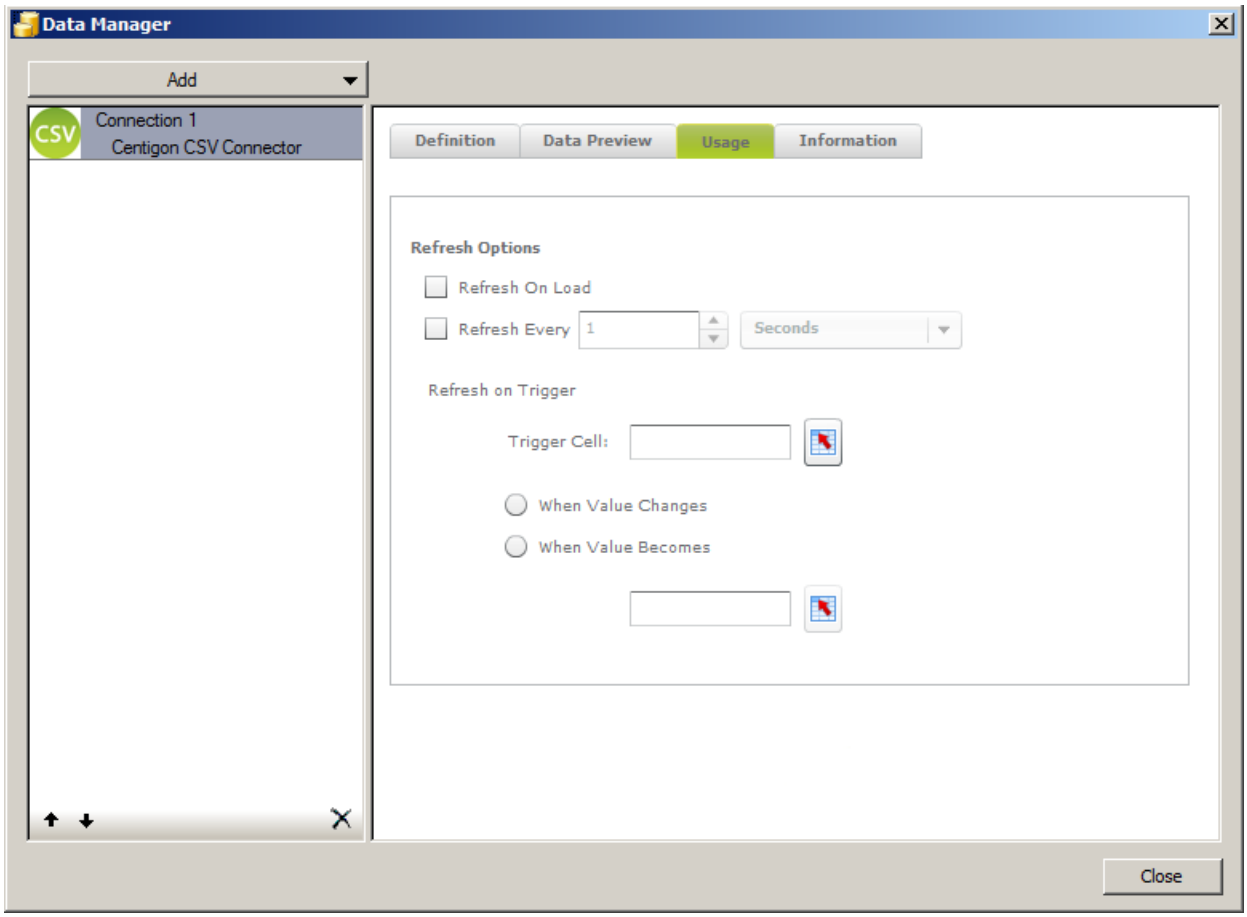
Preview Data- Load the entire CSV file into the preview window. Preview data will recognize Start/End Row & Column Index and filter row properties to provide a true representation of the exact data that will be loaded into your Xcelsius dashboard.

Copy to Clipboard- Simplify the dashboard development process by copying the CSV data to your system clipboard. With the data available in your system's clipboard you can paste it directly into your Excel worksheet within the Xceslsius development environment, thus making it easier to mockup your data and build visualization.

Column/Row Count- View the total number of rowns and columns within your CSV file.

Properties Sheet Overview

General Tab



Refresh on load- Load CSV data when the SWF file is first loaded and initialized

Refresh on interval- Load CSV data on a interval in seconds or minutes

Refresh trigger cell- Define a trigger cell that serves as a listener for an event within your dashboard.

When value change- When the trigger cell value changes, the CSV connection will refresh.

When value becomes- When the trigger cell equals this value, the CSV connection will refresh

Properties Sheet Overview

Information Tab

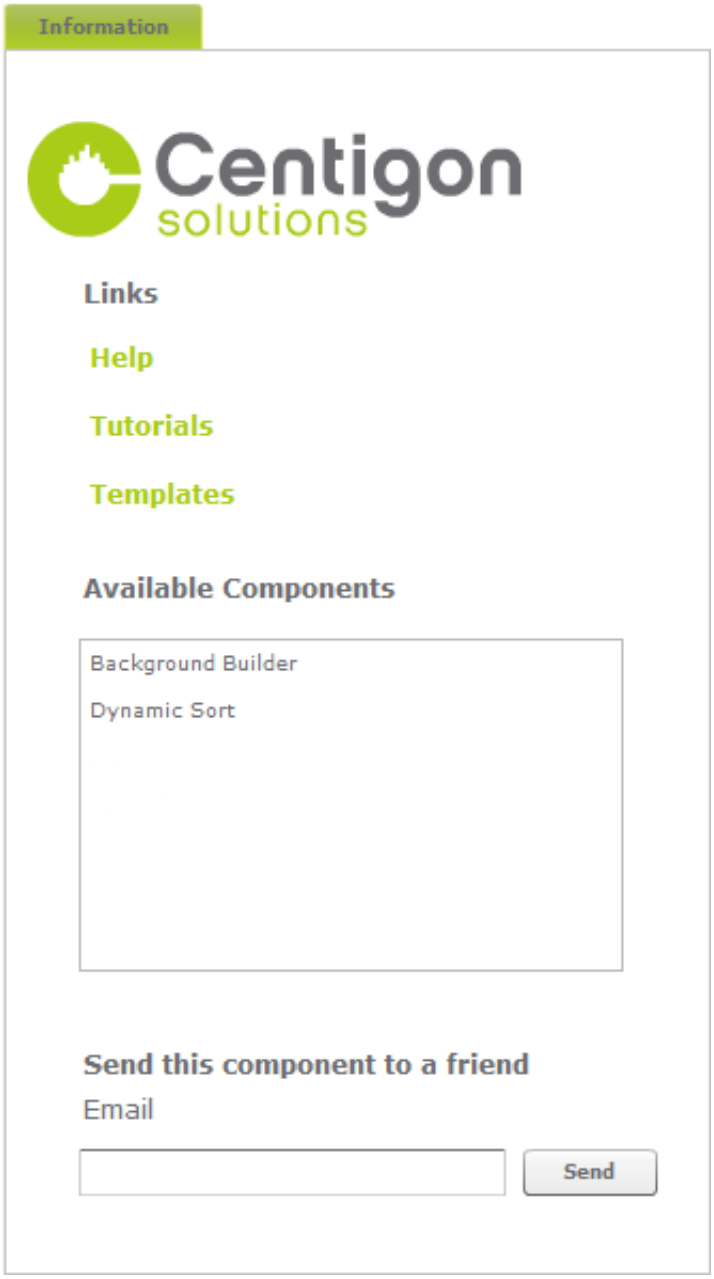
*All elements on the Information tab require an internet connection.

Help- Online documentation and support contact information.

Tutorials- Online tutorials, articles, and white papers for all available components,.

Available Components- A real time list of all available components from Centigon Solutions. Selecting any component from the list box will launch a browser that navigates to component specific information.

Send this Component to a Friend- Share information about this component with other colleagues who use Xcelsius. Enter you friend's e-mail address, and Centigon Solutions will send collateral information and trial download instructions to the recipient.



Connect to CSV Files on a Web/ Application Server

Relative Path example: data/xyz.csv
When connecting your Xcelsius SWF to a CSV file, where the SWF exists on the same server as the CSV, you can utilize a relative URL without any additional configuration. In the example above the "xyz.csv" file is located in a sub-directory called "data." If the SWF and CSV file were in the same directory, you could use "xyz.csv."

Absolute Path example: http://servername/data/xyz.csv
When connecting your Xcelsius SWF to a CSV file, where the SWF exists on the local PC or on a different server, you can utilize an absolute URL. This configuration requires a cross domain policy file, which grants access for the flash player to load data into the SWF. The crossdomain.xml file should be loaded into the root directory of the web/ application server where you CSV file exists.

Example IIS root: /intetpub/wwwroot
Example Tomcat root: /webapps/ROOT

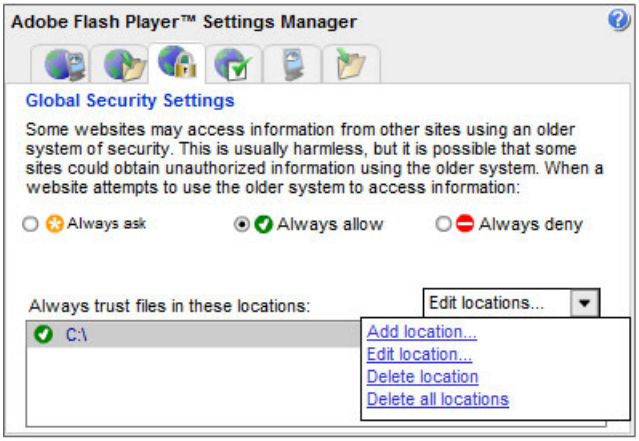
Connect to CSV Files on your Desktop or File Share

Relative Path example: data/xyz.csv
When connecting your Xcelsius SWF to a CSV file, where the SWF exists on the same site or local PC directory structure as the CSV, you can utilize a relative URL without any additional configuration. In the example above the "xyz.csv" file is located in a sub-directory called "data." If the SWF and CSV file were in the same directory, you could use "xyz.csv."

Absolute Path example: file://c:/data/xyz.csv
When connecting your Xcelsius SWF to a CSV file, where the SWF exists on the local PC but in a different directory, you can use a "file://" prefix to define an absolute path to the file.

*A SWF that is accessed from a web/application server cannot access CSV files on the local file system due to flash security settings.

*To load CSV data from the local file system using an absolute URL you will first modify your Flash Player Global Security Settings and grant access to the local drive where your CSV data is located. See instructions below for detailed instructions.



Configure your PC to load CSV data from your local PC file system

1. Open Global Flash Player Security dialogue

2. Upon opening the Flash Player Security settings, you will add the directory or network location where your CSV file is located. In the example shown below, the flash player can access any directory on the C: drive to load data into a SWF.

3. Upon making changes, you can close your browser window and re-launch your Xcelsius generated SWF.