

SnapShot Web Installation Guide



This module allows users of SnapShot to access dashboards from anywhere, via a web browser.

It can be used for just about anyone within the organisation. For example, you can use this to allow sales reps to access their own dashboards, or to offer senior management access to their own departmental Profit and Loss dashboards. It can even be used to allow the "customers' customer" to access specific dashboards.



For a smooth installation, have the following information at hand:

- SQL Server Address
- SQL Username
- SQL Password
- SnapShot Database Name

Please also review the "Minimum Requirements" section carefully.

Depending on how you want to use SnapShot Web, you may require a static IP address or an SSL certificate, for example. Ticking these minimum requirements off prior to installation will help speed up the process.

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Minimum Requirements

Supported Operating Systems

The following Operating Systems are supported by SnapShot Web

- Windows 7 Service Pack 1
- Windows 8
- Windows 8.1
- Windows 10
- Windows Server 2008 R2 SP1
- Windows Server 2008 Service Pack 2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016, 2019

Other requirements

The following is a list of other requirements required for SnapShot Web to run

- Microsoft IIS installed and configured
- Microsoft .NET Framework 4.0 or later
- SnapShot PC Application running and operational
- Valid SnapShot License
- Rights to install software
- Microsoft Report View 2012 Runtime <u>http://www.microsoft.com/en-us/download/details.aspx?id=35747</u>

External Access to SnapShot Web requirements

If users need to access the web version of SnapShot while out of the office (externally) the following is required

- The internet connection needs to have a static IP address
- A DNS hostname needs to be setup, this can be anything, an example is mobility.yourdomain.com
- A SSL Certificate purchased and configured for the above hostname
- A suitable port forward on the router/firewall to the server running IIS where the SnapShot website is hosted.

Installation stages

There are 2 components to the SnapShot Web Installation:

- 1. Installation of SnapShot web from PlusSoftware
- 2. Linking the SnapShot website to the SnapShot database (your desktop SnapShot database)

There is a third component where we recommend external access via HTTPS (strongly recommended) but this is outside the scope of this document.

If you need further information, email us support@PlusSoftSolutions.com

SnapShot Web Installation

1. Download installation file from SnapShot page at: http://www.plussoftware.com.au/software-downloads

ig snapshot_web-setup.exe

2. Run **SnapShot_web-setup.exe** to launch the installation wizard.



3. Press Next on the Welcome to SnapShot Web Setup screen.

-14	License Agreement
	Please review the license terms before installing Snapshot W
Press Page Dow	n to see the rest of the agreement.
PLEASE READ T ("AGREEMENT") SINGLE ENTIT") ("LICENSOR"). "DISAGREE" BU MUST DELETE T STORAGE DEVI	HIS AGREEMENT CAREFULLY. THIS LICENSING AGREEMENT IS A LEGAL AGREEMENT BETWEEN YOU, EITHER AN INDIVIDUAL, , OR COMPANY AND PLUS SOFTWARE SOLUTIONS PTY LTD IF YOU DO NOT AGREE TO EACH AND EVERY TERM, YOU ARE TO CLICK TTON AND NOT TO OPEN, USE OR INSTALL THE SOFTWARE AND YOU HE SOFTWARE FROM YOUR COMPUTER AND/OR ANY OTHER DATA CE.
1. GENERAL The software a	nd documentation accompanying this License whether on disk, on any
If you accept th	e terms of the agreement, click I Agree to continue. You must accept the stall Snapshot Web.

4. Read and accept the Licence Agreement by clicking I Agree.

13		
	Choose Components	
	Choose which features of	Snapshot Web you want to install.
Check the components yo install. Click Next to contin	u want to install and uncheck ue.	the components you don't want to
Coloct components to just		Description
select components to inst	Snapshot Web	Position your mouse
		see its description.
Space required: 144.1MB		
	0	
apshot Web		
pshot Web		

5. Press Next at the Choose Components screen.

and the second se	anaparactica secup
	Choose Install Location
	Choose the folder in which to install Snapshot Web.
Setup will install S	napshot Web in the following folder. To install in a different folder, click
Browse and selec	t another folder. Click Install to start the installation.
200100000000000000000000000000000000000	
Destination Fold	jer .
Destination Fold	der wwroot\snapshot B_cowse
Destination Fold	der wwroot\snapshot Browse
Destination Fold C:\inetpub\w Space required: 1	der wwroot\snapshot Browse 144.1MB
Destination Fold C:\inetpub\w Space required: 1 Space available: 5	der wwroot\snapshot Browse 144.1MB 9.9GB
Destination Fold C:\jnetpub\w Space required: 1 Space available: 9 apshot Web	der wwroot\snapshot Browse 144.1MB 9.9GB

6. Browse to the location where the SnapShot website files need to be installed, click Install

Note: Generally this is C:\inetpub\wwwroot\SnapShot\ however each Microsoft IIS setup can be slightly different.



7. Press Finish to complete the installation of SnapShot Web.

Linking SnapShot website to the SnapShot database

Note: This is not the Business System database at this step. It must be linked to the SnapShot database. To confirm which database this is, launch the SnapShot PC application and before logging in, click the <u>settings</u> button.

The connection string needs to be modified in web.config to link the SnapShot website to the SnapShot database.

1. Navigate to the SnapShot folder (Usually C:\inetpub\wwwroot\SnapShot but can depend on the customer setup) and open **web.config** in notepad.

Scroll to the bottom and look for <applicationSettings>

```
<applicationSettings>
<PlusSoftwareSolutions.SnapShotWeb.My.MySettings>
 <setting name="SQLServer" serializeAs="String">
  <value>localhost\sqlexpress</value>
 </setting>
 <setting name="SQLDatabase" serializeAs="String">
  <value>SnapShot</value>
 </setting>
 <setting name="SQLWindowsAuth" serializeAs="String">
  <value>False</value>
 </setting>
 <setting name="SQLUsername" serializeAs="String">
  <value>username</value>
 </setting>
 <setting name="SQLPassword" serializeAs="String">
  <value>password</value>
 </setting>
 </PlusSoftwareSolutions.SnapShotWeb.My.MySettings>
</applicationSettings>
```

The settings in red above will need to be modified to connect to the SQL Instance where the SnapShot database is.

SQLServer	The SQL Server Instance where the SnapShot database is located
SQLDatabase	The name of the SnapShot database (usually SnapShot)
SQLUsername	The SQL Username that has access to the SnapShot database
SQLPassword	The SQL Password for the corresponding SQL Username

2. Save the file and close notepad.

SnapShot Website Configuration

1. Launch Microsoft Internet Information Services. Located under Control Panel > Administrative Tools > Internet Information Services (IIS) Manager



2. Right click Application Pools and select Add Application Pool...

Snapshot	
.NET <u>C</u> LR version:	
.NET CLR Version v4.0.30319	~
<u>M</u> anaged pipeline mode:	
Integrated 🗸 🗸	
✓ <u>Start application pool imme</u>	ediately

Name the Application Pool **SnapShot** and set .NET CLR version and Managed pipeline mode as above screenshot and click **OK**

3. Right click the newly created SnapShot Application Pool and select Advanced Settings...

Snapshot	Started	v4.0 Integrated	AnnlicationPoolld	0
	1	Add Application Pool		
		Set Application Pool Defaults	K	
	Ð	Start		
		Stop		
	3	Recycle		
	6	Basic Settings		
		Recycling		
		Advanced Settings		
		Rename		
	×	Remove		
		View Applications		
	0	Help		

4. Set Enable 32-Bit Applications to True and click OK

4	(General)		1
	.NET CLR Version	v4.0	
	Enable 32-Bit Applications	True	¥
	Managed Pipeline Mode	Integrated	
	Name	TimePlus	1
	Queue Length	1000	
	Start Mode	OnDemand	
4	CPU		-
	Limit (percent)	0	
	Limit Action	NoAction	
	Limit Interval (minutes)	5	
	Processor Affinity Enabled	False	
	Processor Affinity Mask	4294967295	
	Processor Affinity Mask (64-b	it c 4294967295	
⊿	Process Model		
Þ	Generate Process Model Even	tL	
	Identity	ApplicationPoolIdentity	
	Idle Time-out (minutes)	20	
	Idle Time-out Action	Terminate	2
En [er op be	able 32-Bit Applications nable32BitAppOnWin64] If set t erating system, the worker pro in WOW64 (Windows on Wind	o true for an application pool on a 6 cess(es) serving the application poo lows64) mode. Processes in WOW64	i4-bit I will mo

5. Navigate to the **SnapShot** folder under the default website (Under Application Pools, as per the previous section).

	0112	
- 12	Application Pools	
4.0	Sites	
4	Default Web Site	
	b 📑 aspnet_client	
	snapshot	

6. Right Click the **SnapShot** directory and select **Convert to Application**.



Click on Select and choose the SnapShot Application Pool which was just created. Click OK

Path: /	It Web Site		
<u>A</u> lias:		App <u>l</u> ication pool:	
timeplus		Snapshot	S <u>e</u> lect
C:\inetpub\wwwroo Pass-through auther	t\timeplus ntication		
<u>C</u> onnect as	Test Settings		

7. The **SnapShot** folder icon will change to an Application icon.



Logging into SnapShot Web

Snapshot - Windows Internet Explorer	-□× @ ☆ @
Snapshot Snapshot Username	
Password Login v1.0.5.2	
Plus software solutions	

Launch your web browser and navigate to the SnapShot website.

http://computername/SnapShot

Important Notes:

- 1. This URL can vary between different IIS setups and configurations.
- 2. For security reasons the default admin password will not work from the web version of SnapShot. You will need to change it to something else if you wish to login as the admin user.

External Access to SnapShot Web

Given the nature of the information being displayed by SnapShot, it is <u>strongly</u> recommended to configure external access (users accessing SnapShot Web from outside the office) so that it only works via HTTPS.

The setup of this is outside the scope of this document, however the following would be required:

- Internet connection with a static IP address
- Hostname configured to point to the static IP address, for example mobility.domainname.com but it can be anything
- Purchase a SSL certificate and configure to the chosen hostname
- Configure the SnapShot website to bind to a HTTPS port
- Setup a port forward on the router/firewall for external users to access the SnapShot website via the chosen HTTPS port.

Troubleshooting

Error	Solution
Parser Error Message: Could not load file or	Microsoft Report Viewer 2012 Runtime is not
assembly 'Microsoft.ReportViewer.WebForms,	installed on the server running Microsoft
Version=11.0.0.0, Culture=neutral,	Internet Information Services
PublicKeyToken=89845dcd8080cc91' or one of	http://www.microsoft.com/en-
its dependencies. The system cannot find the	us/download/details.aspx?id=35747
file specified	

Notes and Support

For any support, please email <a>Support@PlusSoftSolutions.com