





## Protecting ASP.NET (.aspx) pages

An additional step needs taking to enable protection of your .aspx pages. 2 keys need adding to the web.config file within your site. If your site does not already have a web.config file in its root then an example file is included in your D2 Sitelock directory that you can use by moving it to your sites root. If using ASP.NET, make sure your site is configured as an application within IIS. The D2 Sitelock folder itself must NOT be configured as an application, just the website it is contained in.

Already have a web.config file for your site? – Then simply add the following 2 keys to the <appSettings> section of the file using a text editor:

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
<appSettings>
  <add key="D2SitelockDBType" value="1" />
  <add key="D2SitelockConnString" value="DATA
SOURCE=127.0.0.1;UID=D2user;PWD=D2pass;DATABASE=D2Sitelockv3" />
</appSettings>

<system.web> etc etc etc
```

The “<add key="D2SitelockDBType" value="1" />” must match the database type selected in your D2 Sitelock database connection file located in the D2 Sitelock folder (connections/Sitelockv3.asp). The entry for each database type would be:

**MS SQL Server:** <add key="D2SitelockDBType" value="1" />

**MySQL:** <add key="D2SitelockDBType" value="2" />

**MS Access:** <add key="D2SitelockDBType" value="3" />

Paste a copy of your database connection string (from connections/Sitelockv3.asp) into the <add key="D2SitelockConnString" value="xxxxx " /> key.

Note if using SQL server you should omit the ‘Provider’ section of your connection string. So if your sites connection string is something like:

```
MM_Sitelockv3_STRING = "PROVIDER=SQLOLEDB;DATA
SOURCE=127.0.0.1;UID=D2user;PWD=D2pass;DATABASE= D2Sitelockv3"
```

Then your web config key would look like:

```
<add key="D2SitelockConnString" value="DATA
SOURCE=127.0.0.1;UID=D2user;PWD=D2pass;DATABASE=D2Sitelockv3" />
```

### Page protection code

The simplest way to protect a .aspx page is to use a server side include file similar to the procedure used for .asp pages and then apply the protection on page load.



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Please see the explanation above for protecting .asp pages. The code to protect a .aspx page would look like:

```
<%@ Page Language="VB" %>  
<!-- #Include File="sitelock3/SLPageProtect.aspx" -->  
<script runat="server" language="vbscript">
```

```
Private Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles MyBase.Load  
    SLProtectPage("181,2214")  
End Sub
```

```
</script>
```

As you see, the actual call to the protection routine has been called in the Page\_Load event.

**Please note, to protect .aspx pages you must have cookies enabled in the D2 Sitelock admin interface.**

#### **Errors:**

Please note that you should remove the web.config file from the D2 Sitelock folder and place it in the root of your site instead. D2 Sitelock should not be configured as an application but rather as part of a larger application (ie your whole site).

Leaving the web.config file within the D2 Sitelock directory can result in errors such as:

*"It is an error to use a section registered as allowDefinition='MachineToApplication' beyond application level. This error can be caused by a virtual directory not being configured as an application in IIS."*