

Customize Login Page Integration

ASP.NET VB Guide



Haihaisoft Limited

Table of Contents

OVERVIEW 2

WHAT NECESSARY BEFORE INTEGRATION?..... 3

PARAMETER INTRODUCTION..... 3

DOWNLOAD SAMPLE PAGES 6

STEP BY STEP INTRODUCTION 6

 STEP1. ADD WEB REFERENCES 6

 STEP2. CREATE DEFAULT.ASPX OR INDEX.ASPX..... 9

 STEP3. OPEN YOUR LOGIN.ASPX..... 9

 STEP4. CREATE LICSTORE.ASPX FOR CALLING THE
 GETLICENSEREMOTE FUNCTION 10

 STEP4. ENTER THE URL OF THE DEFAUL.ASPX IN DRM-X
 WEBSITE INTEGRATION PARAMETERS..... 11

 STEP5. PLAY YOUR CONTENTS PROTECTED BY DRM-X 12

RELATED TUTORIALS..... 13

EXPERT SUPPORT FROM HAIHAISOFT..... 14

Overview

After custom login page integration, your users just need to register and login on your own website. It will pop up your website DRM login

window when the user opens your protected content.

For the integration, you need to create a new login page or modify your existed login page. It requires some code work. But don't worry, very simple.

All that you need to do is to call the **getLicenseRemote** function. You can get the details about DRM-X Web Service by the link below:

<http://www.drm-x.com/haihaisoftLicenseservice.asmx>

What necessary before integration?

1. DRM-X Account

You need to have a DRM-X [Premier Account](#) or a [Business Account](#) before you can integrate with your platform. DRM-X personal account users can manage it's users on DRM-X.com instead.

Click the link below to see the DRM-X Account Comparison,

<http://www.drm-x.com/Fees-Compare.aspx>

2. User database, login page and register page.

You should setup a database that can store your users information if you want to integrate with DRM-X platform. You also need to create user login page and register page for your users to login and register.

Parameter Introduction

The parameter in **blue color** is required field. You can set the others into 'N/A' (means empty) or enter the correct value.

- **AdminEmail**: your login Email of DRM-X Account.
- **WebServiceAuthStr**: the Web Service Authenticate String for DRM-X web service. The value you set here must be the same with the one on your DRM-X account.

Steps to setup:

1. Login your DRM-X account.
2. Click the **Account Settings** in the left panel and choose the **Website Integration Preferences**, as shown in the screenshot below:



3. Select **Custom login page integration** and, enter the **Web Service Authenticate String**. As shown in the screenshot below:

Integration Method: [Integration Help](#)

Synchronize user integration
 Custom login page integration

Note: Synchronize user integration is synchronize your website users to DRM-X.com your user. We protect the passw easy. (Recommend for most users)
 Custom login page integration is when user acquiring license, it will pop up your website DRM login window to acc DRM login page. It requires more code work. (Not Recommend, only for advanced users)

Please set a Web Service Authenticate String for DRM-X web service (DRM-X need you provide this

123456 **Note: the value you enter here must be same with the one you set in the code on your sign up page.**

4. Click the **Submit** button below and you will get the message shown on the picture below:

Profile - Website Integration Preferences

You have updated Website Integration Preferences successfully.

Integration Method: [Integration Help](#)

Synchronize user integration
 Custom login page integration

Note: Synchronize user integration is synchronize your website users to DRM-X.com your user. easy. (Recommend for most users)
 Custom login page integration is when user acquiring license, it will pop up your website DRM DRM login page. It requires more code work. (Not Recommend, only for advanced users)

- **GroupID:** the ID of your Group created in your DRM-X account. You can find GroupID value in Users Group of DRM-X Account.

My Account	My Groups		
Account Home			
User Group			
Rights			
License Profile			
Users			
Reports			
Account Settings			
Protect Audio/Video			
	Group ID	Group Name	Group Users
	89029	Default User Group	Users

Note: in the code you just need to enter one Group ID, and the users signed up on your website will be added into group directly. You can manually change the group they belong to in your DRM-X account if you want.

- **UserLoginName:** the username or unique UserID in your user database.
- **UserFullName:** the Full Name of User. This parameter is option. You can leave this UserFullName parameter to blank, or just set it value to N/A.
- **ProfileID:** the ID of the profile you create on DRM-X. DRM-X provides this parameter.
- **ClientInfo:** the basic client information of your users. DRM-X provides this parameter.
- **RightsID:** the ID of rights that you created in your DRM-X Accounts. DRM-X provides this parameter.
- **IP:** address of your user which acquire license. You can provide this Parameter, or input N/A.

[Download Sample Pages](#)

You can download the sample pages by clicking the link below:

<http://www.drm-x.com/download/Custom Login Page Integration ASP.net VB Guide.rar>

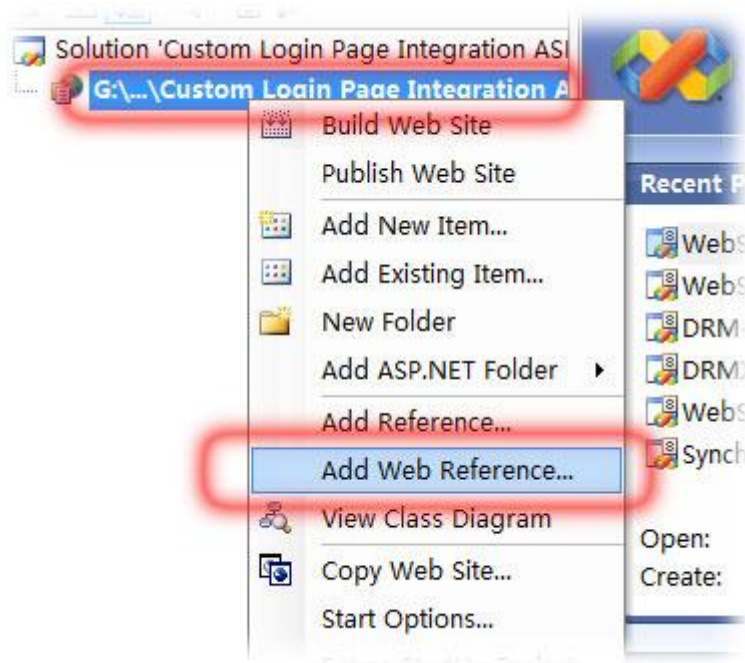
[Step by Step Introduction](#)

Step1. Add Web References

In Visual Studio.net 2003 or Visual Studio.net 2005, please Add Web References in Solution Explorer. Steps to setup:

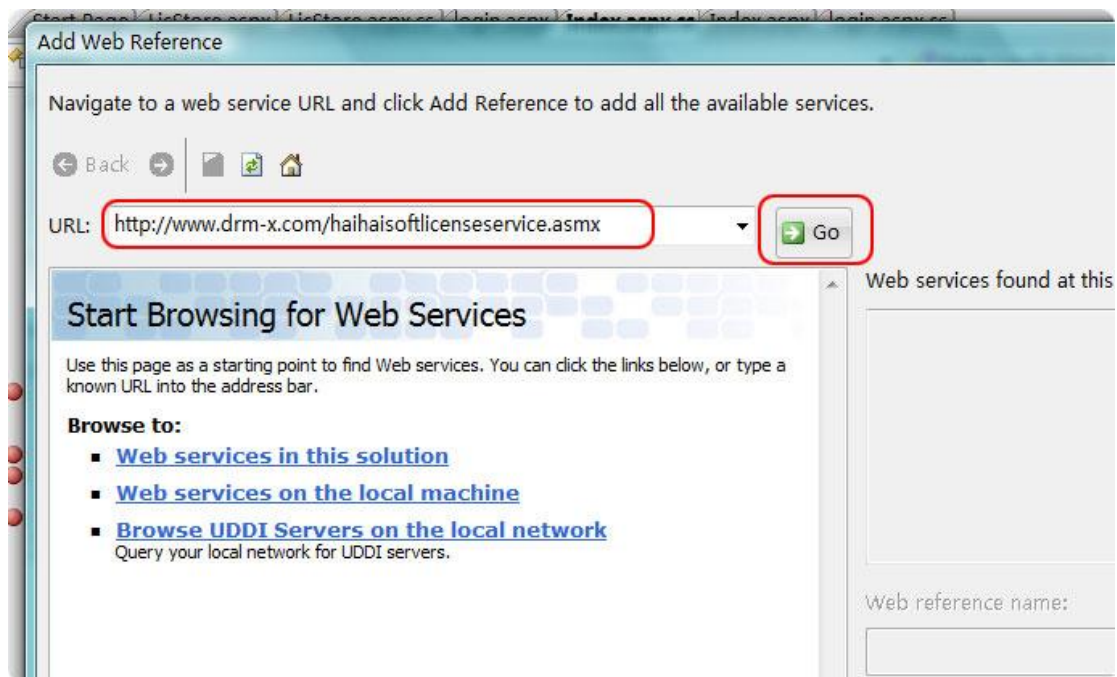
1. Right click on the **Solution** and choose the **Add Web References**

in the dropdown list, shown as the screenshot below:



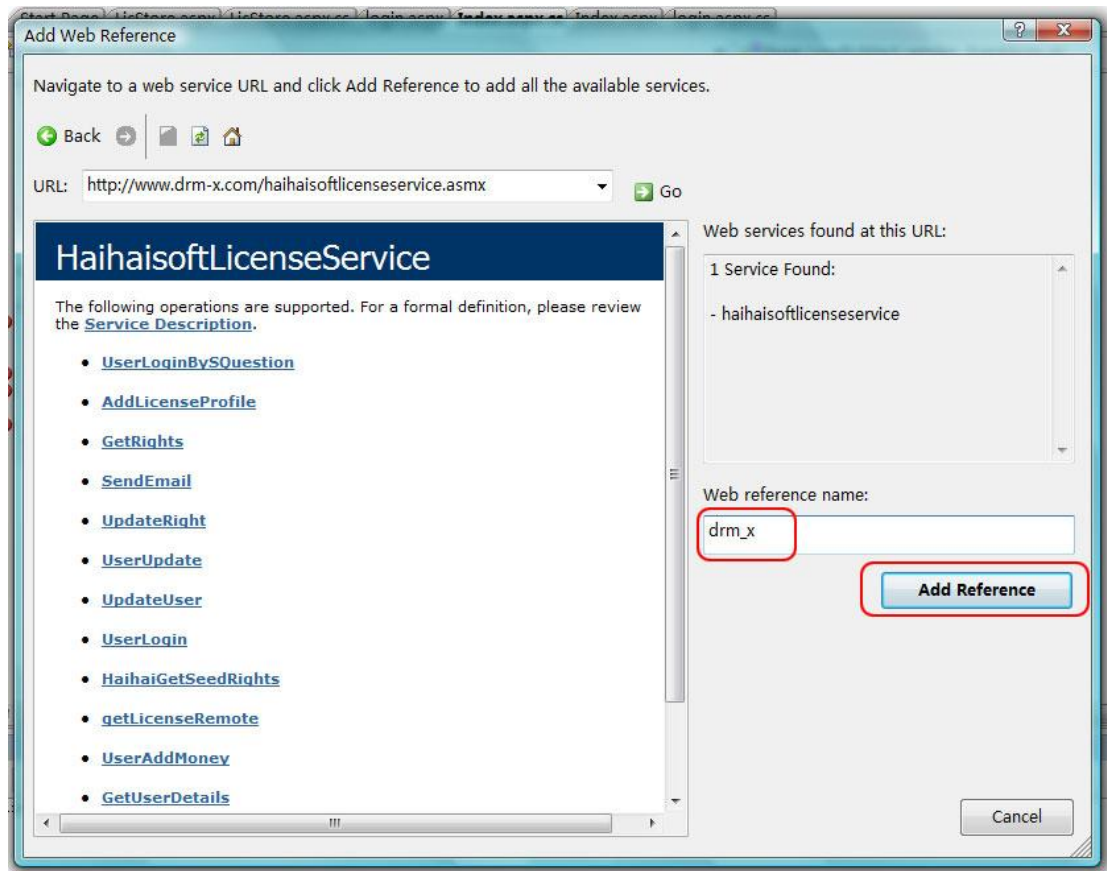
2. Input the URL of DRM-X XML Webservice:

<http://www.drm-x.com/haihaisoftlicenseservice.asmx>, and then click the **Go** button at right. As shown below:

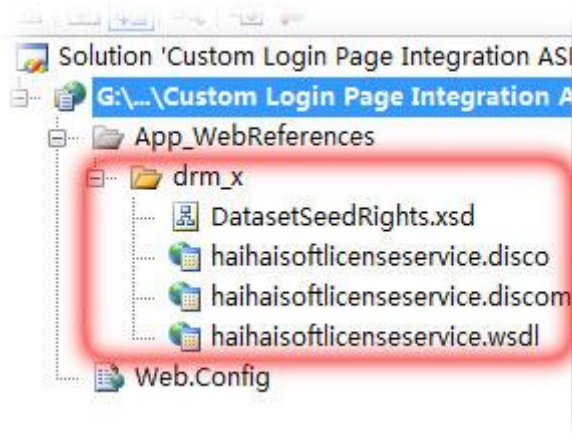


3. Rename the Web reference into `drm_x` and click the **Add**

References button on the right.



4. Added successfully



Step2. create default.aspx or index.aspx

As usual, we use this page for storing the value of Profileid, clientinfo and rightsid which are passed from DRM-X when user open the protected files. In this tutorial, we use cookie to do the job. You can also use session instead. Below is the sample code:

```
Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
```

```
    Response.Cookies("profileid").Value = Request.Form("profileid").ToString()  
    Response.Cookies("clientinfo").Value = Request.Form("clientinfo").ToString()  
    Response.Cookies("rightsid").Value = Request.Form("rightsid").ToString()  
    'DRM-X will provide the value above when users open your protected files.  
  
    Response.Redirect("login.aspx")
```

```
End Sub
```

Step3. Open your login.aspx

Sample code:

```
Protected Sub Login2_Authenticate(ByVal sender As Object, ByVal e As  
System.Web.UI.WebControls.AuthenticateEventArgs) Handles Login2.Authenticate  
    If Login2.UserName = "testuser" And Login2.Password = "123456" Then  
        'Here is the sample code, in your code, you should read the username and password from  
        your database.  
        'Authenticate Successfully  
        Response.Redirect("licstore.aspx")  
    Else  
        Response.Write("Password or Username is incorrect!")  
    End If  
End Sub
```

Step4. Create licstore.aspx for calling the getLicenseRemote function

In licstore.aspx.vb, please add the sample code below:

```
Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Dim AdminEmail As String
    'AdminEmail is your login Email of Media-DRM Account.
    Dim WebServiceAuthStr As String
    'WebServiceAuthStr is the Web Service Authenticate String for DRM-X web service.
    Dim ProfileID As String = Request.Cookies("profileid").Value 'DRM-X Provides the value.
    Dim clientinfo As String = Request.Cookies("clientinfo").Value 'DRM-X Provides the value.
    Dim rightsID As String = Request.Cookies("rightsID").Value 'DRM-X Provides the value.
    Dim UserLoginName As String
    'UserLoginName is the username or unique UserID in your user database.
    Dim UserFullName As String
    'UserFullName is the Full Name of User. This parameter is option. You can leave this
    UserFullName parameter to blank, or just set it value to N/A.
    Dim GroupID As String
    'GroupID is the ID of your Group that you created in your DRM-X Accounts. Your can find
    GroupID value in Users Group of DRM-X Accounts.
    Dim Message As String
    'Message is the license information, like license rights information returned from DRM-X web
    service.
    Dim LicenseValue As String
    'Assign value to these variables according to your DRM-X account settings.
    ' Response.Write(ProfileID & " - " & clientinfo)
    Dim DRMService As New drm_x.HaihaisoftLicenseService
    License = DRMService.getLicenseRemote(AdminEmail, WebServiceAuthStr, ProfileID,
    clientinfo, rightsID, UserLoginName, UserFullName, GroupID, Message, IP)
    txtMessage.Text = Message
End Sub
```

In licstore.aspx:

you should add `<% =license %>` into the `<head></head>`.

Step4. Enter the URL of the default.aspx in DRM-X Website Integration Parameters

So it will pop up the default.aspx when your users play your protected files. You can customize the page whatever you need.

Steps to setup:

Steps to setup:

1. Login your [DRM-X account](#).
2. Click the **Account Settings** in the left panel and choose the **Website Integration Preferences**, as shown in the screenshot below:



3. Select **Custom login page integration** and, enter the URL of your customized page. As shown in the screenshot below:

Integration Method: [Integration Help](#)

Synchronize user integration Custom login page integration

Note: Synchronize user integration is synchronize your website users to DRM-X.com your user. We protect the easy. (Recommend for most users)
Custom login page integration is when user acquiring license, it will pop up your website DRM login window DRM login page. It requires more code work. (Not Recommend, only for advanced users)

Please set a Web Service Authenticate String for DRM-X web service (DRM-X need you provide)

123456

Please enter License URL (License URL is the url used by pop window when acquiring license)

<http://www.yourwebsite.com/login/default.aspx>

4. Click the **Submit** button below and you will get the message shown on the picture below:

Profile - Website Integration Preferences

You have updated Website Integration Preferences successfully.

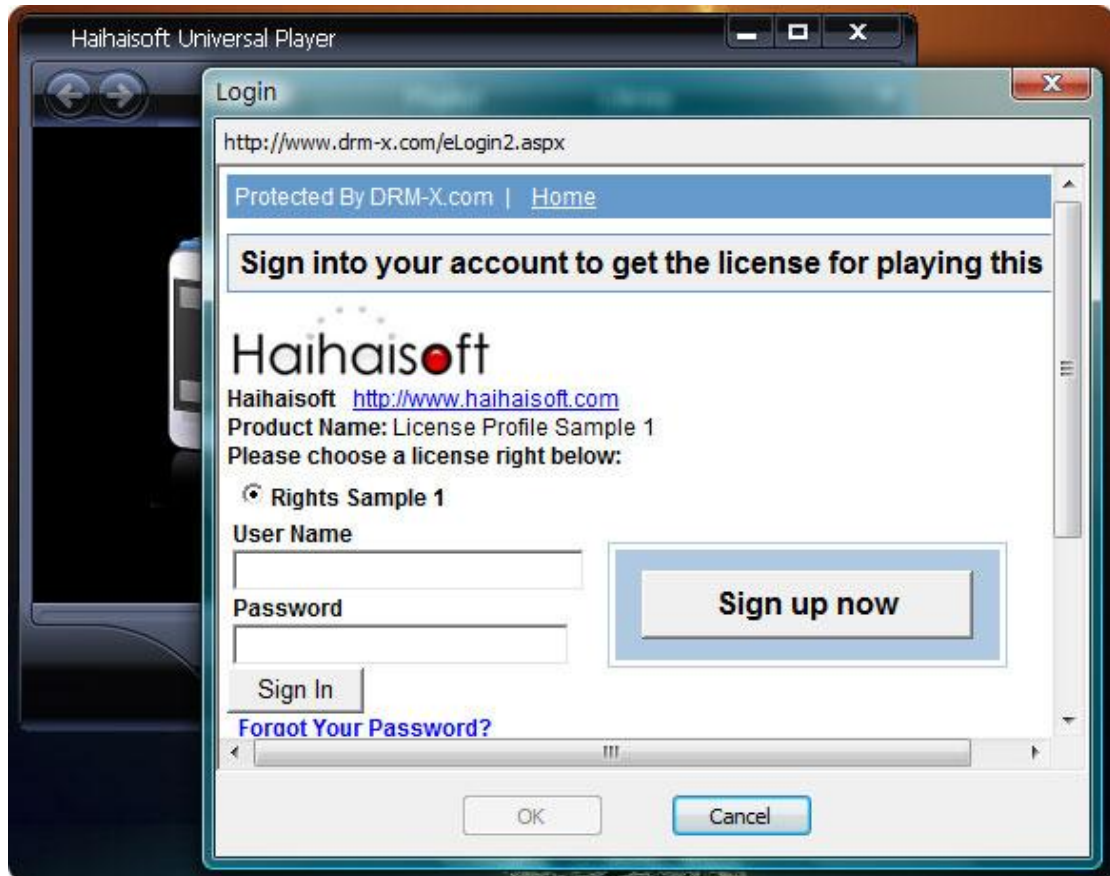
Integration Method: [Integration Help](#)

Synchronize user integration Custom login page integration

Note: Synchronize user integration is synchronize your website users to DRM-X.com your user. easy. (Recommend for most users)
Custom login page integration is when user acquiring license, it will pop up your website DRM login window DRM login page. It requires more code work. (Not Recommend, only for advanced users)

Step5. Play your contents protected by DRM-X

Congratulations! Till now, the integration has been done. When the users open your encrypted content, it will pop up the custom login page.



Related Tutorials

- [Synchronize User Integration \(PHP Guide\)](#)
- [Customize Login Page Integration \(PHP Guide\)](#)
- [Synchronize User Integration \(ASP.net VB Guide\)](#)
- [Synchronize User Integration \(ASP.net C# Guide\)](#)
- [Customize Login Page Integration \(ASP.net C# Guide\)](#)

Expert support from Haihaisoft

If you still have problems with the integration,
please feel free to contact us:

<http://www.haihaisoft.com/Contact.aspx>



Haihaisoft Limited

Service@haihaisoft.com