Customize Login Page Integration

ASP.net C# Guide

Haihaisoft Limited

Customize Login Page Integration ASP.net C# Guide

Table of Contents

Customize Login Page Integration ASP.net C# Guide

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.
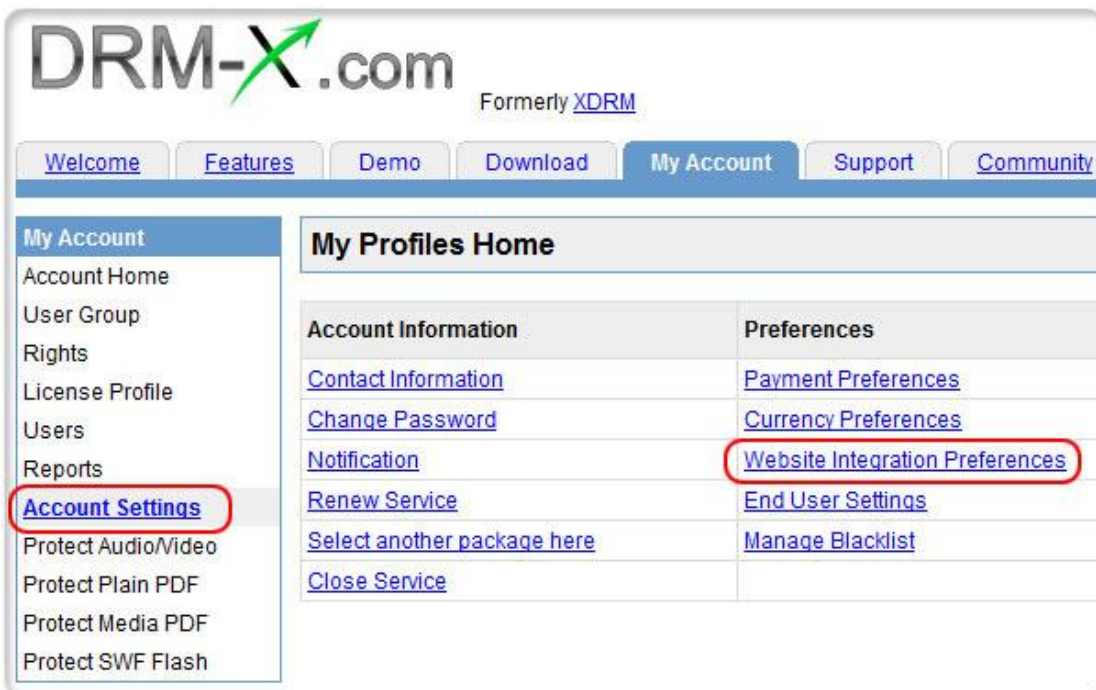
Customize Login Page Integration ASP.net C# Guide

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:

Customize Login Page Integration ASP.net C# Guide

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	**Group ID**	**Group Name**	**Group Users**
License Profile			
Users	89029	Default User Group	Users
Reports			
Account Settings			
Protect Audio/Video			

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.

Customize Login Page Integration ASP.net C# Guide

- **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 C# 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.

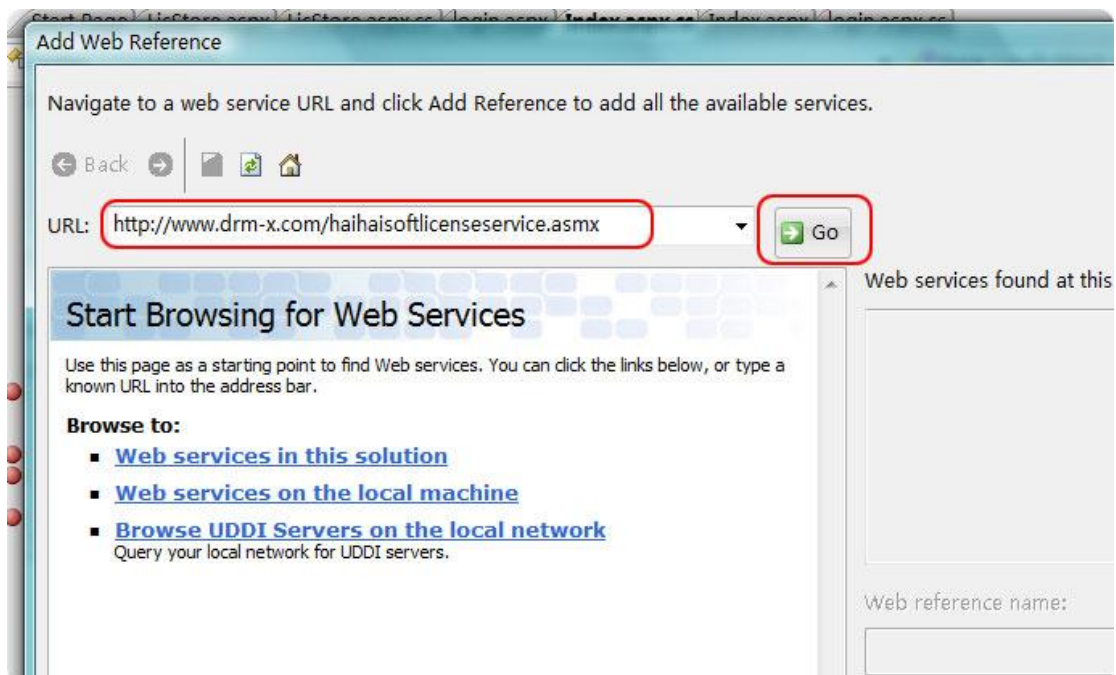**Customize Login Page Integration ASP.net C# Guide**

Steps to setup:

1. Right click on the **Solution** and choose the **Add Web References** in the dropdown list, shown as the screenshot below:
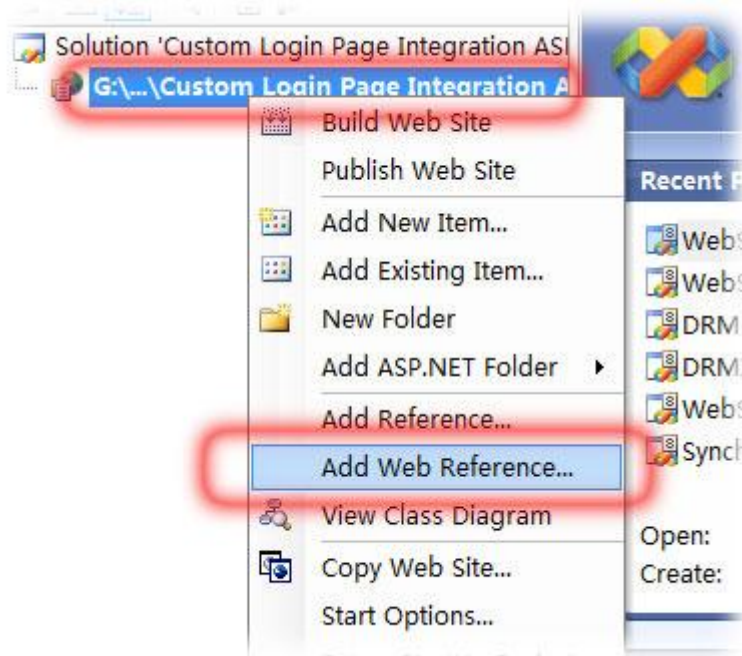
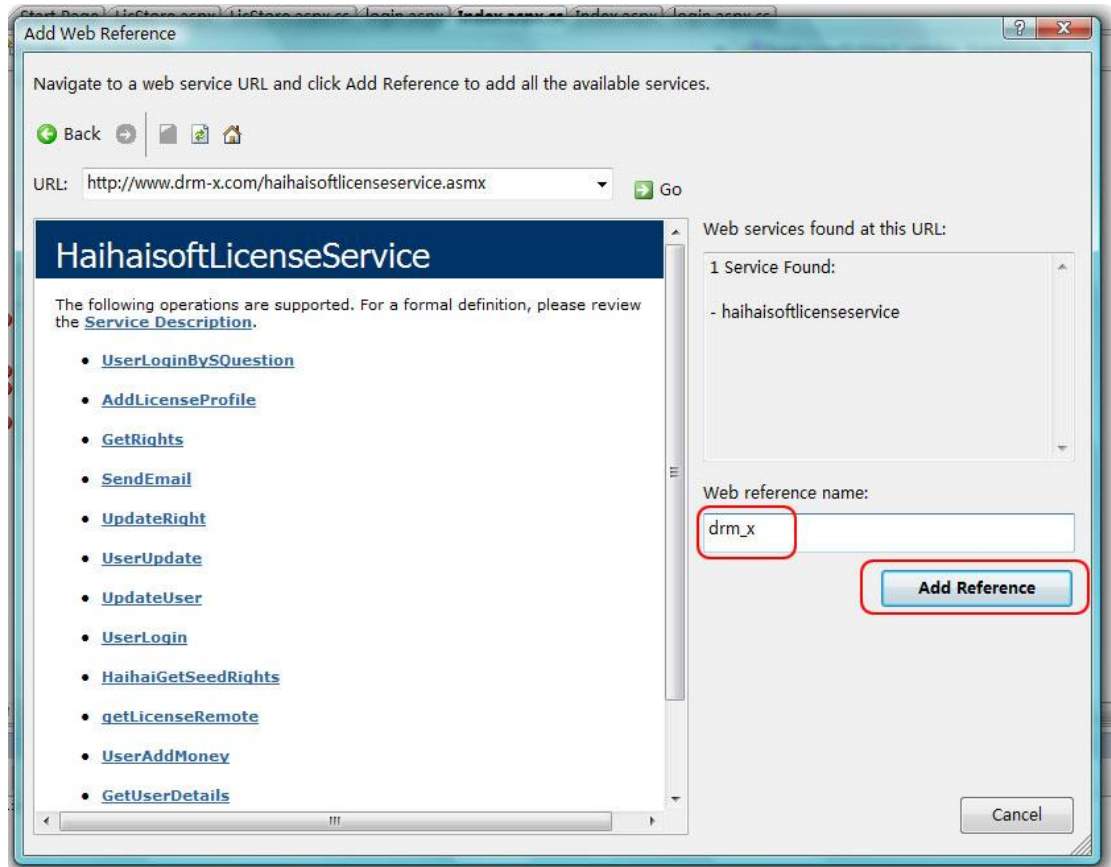2. Input the URL of DRM-X XML Webservice:

   http://www.drm-x.com/haihaisoftlicenseservice.asmx, and then click the **Go** button at right. As shown below:
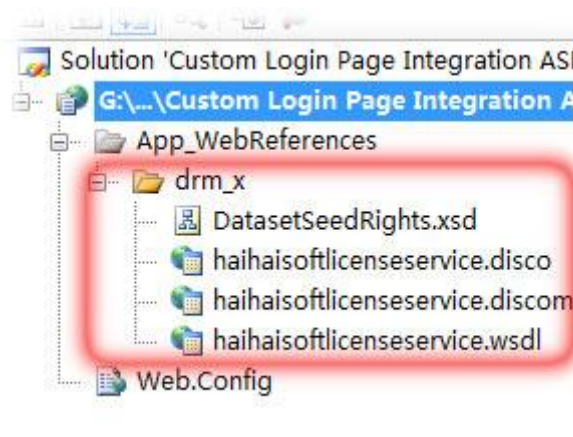
3. Rename the Web reference into drm_x and click the **Add References** button on the right.

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:

```csharp
public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Session["profileid"] = Request.Form["ProfileID"].ToString();
        Session["clientinfo"] = Request.Form["clientinfo"].ToString();
        Session["rightsid"] = Request.Form["rightsid"].ToString();
        Session["productid"] = Request.Form["yourproductid"].ToString();

        Response.Redirect("login.aspx");

    }
}
```

Step3. Open your login.aspx

Sample code:

```csharp
    protected void Login2_Authenticate1(object sender, AuthenticateEventArgs e)
    {
        if (Login2.UserName == "testuser" & Login2.Password == "test")
        {
            //'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!");
        }
    }
```

Customize Login Page Integration ASP.net C# Guide

Step4. Create licstore.aspx for calling the getLicenseRemote function.

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

```csharp
protected void Page_Load(object sender, EventArgs e)

        {
                string AdminEmail = "julia.sui@haihaisoft.com";
                //'AdminEmail is your login Email of DRM-X Account.
                string WebServiceAuthStr = "123456";
                //'WebServiceAuthStr is the Web Service Authenticate String for DRM-X web service.
                string ProfileID = (string)(Session["ProfileID"]);
                //'DRM-X Provides the value.
                string clientinfo = (string)(Session["clientinfo"]);
                //'DRM-X Provides the value.
                string rightsID = (string)(Session["rightsID"]);
                //'DRM-X Provides the value.
                string yourproductID = (string)(Session["yourproductID"]);
                //'DRM-X Provides the value.
                string UserLoginName = "testuser";
                //'UserLoginName is the username or unique UserID in your user database.
                string UserFullName = "test";
                //'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.
                string GroupID = "110673";
                //'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.
                string Message = "";
                //'Message is the license information, like license rights information returned from DRM-X
web service.
                string IP = "";
                drm.HaihaisoftLicenseService DRMService = new drm.HaihaisoftLicenseService();
                License = DRMService.getLicenseRemote(AdminEmail, WebServiceAuthStr, ProfileID,
clientinfo, rightsID, UserLoginName, UserFullName, GroupID, ref Message, IP);
                txtMessage.Text = Message;
                Label1.Text = License;
        }
```

Customize Login Page Integration ASP.net C# Guide
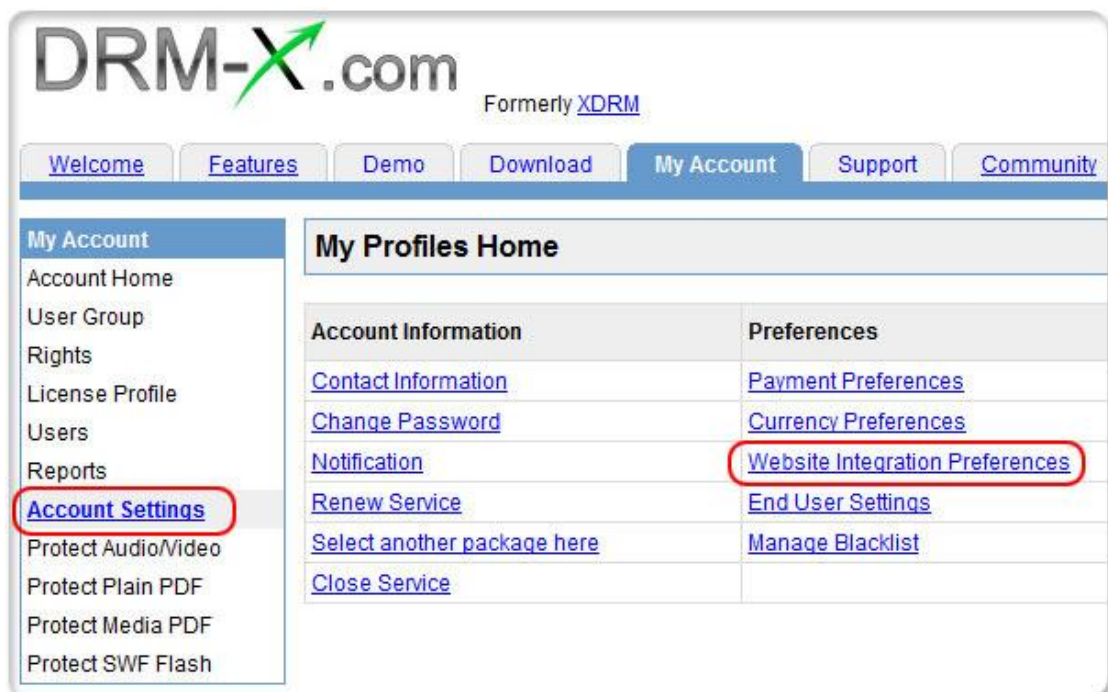
In licstore.aspx:

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

Step4. Enter the URL of the defaul.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.
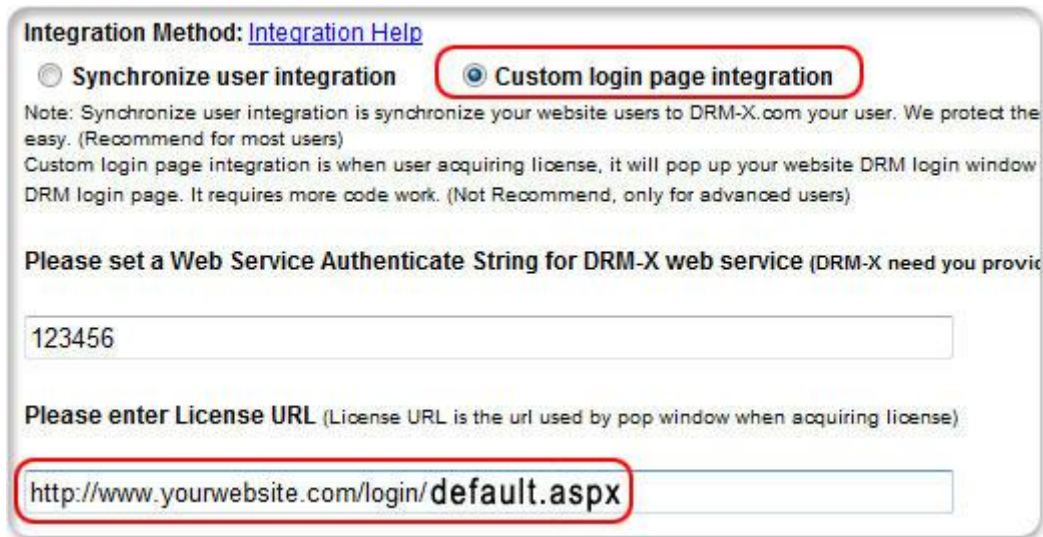
Steps to setup:

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:

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

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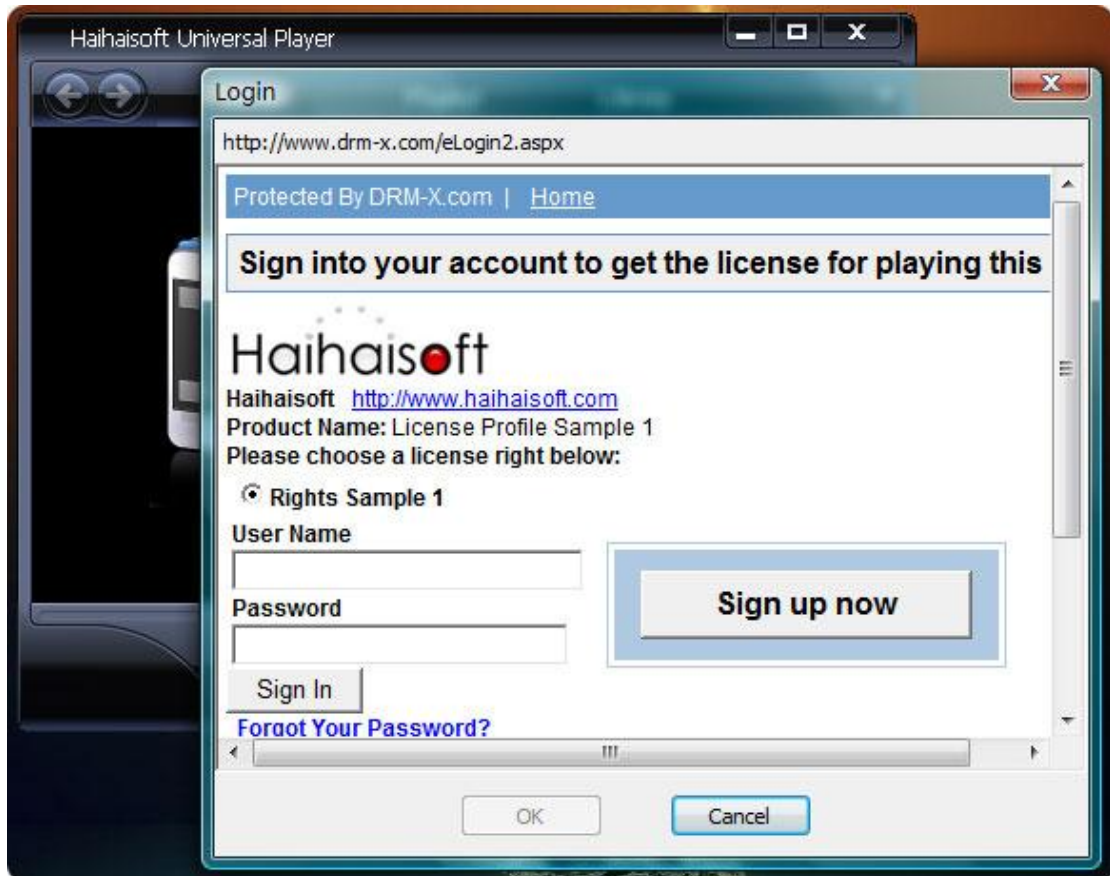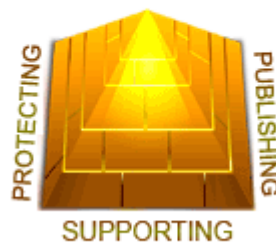
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- [Customize Login Page Integration (PHP Guide)](#)
- [Synchronize User Integration (ASP.net VB Guide)](#)
- [Customize Login Page Integration (ASP.net VB Guide)](#)
- [Synchronize User Integration (ASP.net C# Guide)](#)

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

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service@haihaisoft.com

Customize Login Page Integration ASP.net C# Guide