

# SmileTiger eMeeting Server 2008 Integration Guide

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SmileTiger Software

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# 1 Basic System Configuration

## 1.1 Activate WebPresentation Service

You can only apply the HTTP API calls described in this document to the WebPresentation Service module in the server. To activate the WebPresentation Service module:

1. Open the following webpage in your browser:  
[http://\[your\\_server\]:7770/pms/index.jsp](http://[your_server]:7770/pms/index.jsp)
2. Click Login link to login.
3. Click Manage Services Link.
4. Select WebPresentation Service checkbox, and click Update button.
5. Restart your eMeeting server.

## 1.2 Link your website to a eMeeting server

You can let users enter a meeting room from your own webpage. To do that, add the following elements in your webpage:

1. Java script code:

```
<script language="JavaScript">
function IsVMAXInstalled(){
    var vmaxInstalled = 'false';

    try{
        var vmax = new ActiveXObject("STEMCtrl.STEMAXCtrl");
        vmaxInstalled = 'true';
    }
    catch(e){
        vmaxInstalled = 'false';
    }
    if (navigator.plugins && navigator.plugins.length)
    {
        x = navigator.plugins["SmileTiger eMeeting for Mozilla"];
        if(x) vmaxInstalled = 'true';
    }
    else
    if (navigator.mimeTypes && navigator.mimeTypes.length)
    {
        x = navigator.mimeTypes['application/x-stem-emax'];
        if (x && x.enabledPlugin) vmaxInstalled = 'true';
    }
    return vmaxInstalled;
}

function enterMeeting(){
    if(IsVMAXInstalled() != 'true') {
        alert('Please install SmileTiger eMeeting, then refresh this
page.');
```

```
        document.location="http://"+
document.frmSignIn.serverIP.value+":7770/wp/stem2008Setup.exe";
        return;
    }

    server= document.frmSignIn.serverIP.value + ':7770';
    sserver= document.frmSignIn.serverIP.value + ':443';
    mcpApp = document.frmSignIn.mcpApp.value;
    conference=document.frmSignIn.conference.value;
    password=document.frmSignIn.password.value;
    csprotocol=document.frmSignIn.csprotocol.value;
```

```

        language=document.frmSignIn.language.value;
        username=document.frmSignIn.username.value;
        if(conference==' ' || password==' ' || username==''){
            alert('Please enter meeting and user information.');
```

```

            return;
        }
        if(csprotocol=='nsslproxy' || csprotocol=='nssl') server=ssserver;
        cmdline='/d:conference="'+mcpApp+conference+'" /d:language="'+language+' '
/d:csprotocol="'+csprotocol
        +' " /d:conferenceSID="'+password+' " /d:username="'+username+' '
/d:confServer="'+server+'";
        //alert(cmdline);
        document.VMAX.Run(cmdline);
    }
</script>

```

## 2. HTML code:

```

<OBJECT id="VMAX" height="1" width="1"
        classid="CLSID:2F39CC16-D0C8-456A-B50F-68F9C866FFAC">
    <embed name="VMAX" width="1" height="1"
        type="application/x-stem-emax" />
</OBJECT>

<FORM name="frmSignIn" method="post">
<input type="hidden" name="serverIP" value="[your_server]">
<input type="hidden" name="mcpApp" value="wp">
<table>
<tr>
    <td>Meeting Name(ID):</td>
    <td><input name="conference"></td>
</tr>
<tr>
    <td>Meeting Password:<td>
    <td><input type="password" name="password" ></td>
</tr>

<tr>
    <td>Language:<td>
    <td><SELECT name="language">
        <OPTION value="en">English</OPTION>
        <OPTION value="cn">Simplified Chinese</OPTION>
        <OPTION value="tw">Traditional Chinese</OPTION>
        <OPTION value="jp">Japanese</OPTION>
        <OPTION value="de">German</OPTION>
        <OPTION value="fr">French</OPTION>
        <OPTION value="sp">Spanish</OPTION>
        <OPTION value="tr">Turkish</OPTION>
        <OPTION value="fi">Finnish</OPTION>
    </SELECT>
</td>
</tr>
<tr>
    <td>Connection:</td>
    <td><SELECT name="csprotocol">
        <OPTION value="auto">Auto Configure</OPTION>
        <OPTION value="direct">Direct Connection</OPTION>
        <OPTION value="proxyt">Connection through Proxy</OPTION>
        <OPTION value="nssl">Secure Direct Connection</OPTION>
        <OPTION value="nsslproxy">Secure Connection through Proxy</OPTION>
        <OPTION value="direct2">Direct Connection (alternative)</OPTION>
        <OPTION value="proxy">Connection through Proxy (alternative)</OPTION>
    </SELECT>
</td>
</tr>
<tr>
    <td>My name:</td>
    <td><input name="username"></td>
</tr>
<tr>
    <td colspan=2>
        <center>
            <a href="javascript:enterMeeting();">Enter</a>
        </center>
    </td>
</tr>
</table>

```

</FORM>

You need to replace `[your_server]` with your eMeeting Server machine's domain name or IP address. The port number `7770` may also need to change if you configure your eMeeting Server to run on a different port, such as port 80.

### **1.3 Change the conferencing service port**

The default conferencing service port is `7770`. You may want to change the port to match your network environment. For example, if some of your users behind a firewall that blocks port `7770`, you can use port `80` to provide the conferencing service, so that they can access the conference server without any configuration in their firewall. To change the port:

- 1) Edit file `<STEMS HOME>/wvhome/default/sysmgr.ini`
- 2) Change '7770' inside `<conferencePort>` tag to your desired port.
- 3) Restart your server after the change

You can also use the Platform Management Page at [http://\[your\\_server\]:7770/pms/index.jsp](http://[your_server]:7770/pms/index.jsp) to change the port.

### **1.4 Run web server and eMeeting server on the same port**

It is possible to run both your web server and the eMeeting server on the same port of the same machine. You need multiple IP addresses in the server machine to do that.

- 1) Configure your Apache Server to listen on one IP address of your server machine,
- 2) Edit file `<STEMS HOME>/wvhome/default/sysmgr.ini`
- 2) Change 'localhost' inside `<host>` tag to another IP address of your server machine.
- 3) Restart your apache server and the eMeeting server after the change.

### **1.5 Block outside access to the conference rooms**

You can block the conference room access from all websites except your front end website.

To block the access from all other websites:

- 1) Edit file `<STEMS HOME>/wvhome/default/sysmgr.ini`
- 2) Change 'ALL' inside `<allowedDomain>` tag to your website's domain name
- 3) Restart your server after the change

## **1.6 *Enable/disable custom server management***

You can enable/disable the custom management functions described in this document.

To enable the custom management:

- 1) Edit file <STEMS HOME>/wvhome/default/sysmgr.ini
- 2) Change 'disable' inside <customServerMgr> tag to 'enable'
- 3) Restart your server after the change

## **1.7 *Disable administration access from conferencing port***

You can enable/disable the administration access of a SmileTiger eMeeting server from the conferencing port.

To disable the custom management:

- 1) Edit file <STEMS HOME>/wvhome/default/sysmgr.ini
- 2) Change 'disable' inside <adminInConferencePort> tag to 'disable'
- 3) Restart your server after the change

## **2 User Account Management**

To avoid double authentications, WebPresentation Service does not authenticate users and manage user accounts. However, WebPresentation Service can integrate an existed user account management system seamlessly.

### ***2.1 Integrate with an user account management system***

WebPresentation service can be tightly integrated with your existed account management system. When your account management system is used, there are 3 components working together: Your front-end website, account management system, and WebPresentation service.

Your front-end website provides the user interface for signing up and signing in users. It communicates with the account management system to authenticate users and get authorization information. The authorization information includes the WebPresentation conference rooms that a user is allowed to enter. After a user signs in, the front-end website returns a webpage containing conference links, and the user can click a link to enter a conference room.

## 3 Conference Room Management

WebPresentation Service includes a default conference room management system. However, a custom conferencing system may prefer to offer its own conference management logic and custom look and feel. To create custom management logic, developers should create several management web pages and put them in a web server. These web pages will post HTTP requests to WebPresentation Service to add/remove conference rooms.

### 3.1 Create a room

Submit a HTTP POST request as following to create a conference room:

```
<form method="POST" action="http://[your server]:7777/wps/createRoom.jsp">
  Room Name: <input name="name" value=""><br>
  Description: <input name="description" value=""><br>
  Password: <input name="password" value=""><br>
  Moderator Password: <input name="moderatorPassword" value=""><br>
  Home Page: <input name="homePage" value=""><br>
  Conference Type: <input name="confType" value=""><br>
  Message of Day: <input name="mod" value=""><br>
  Number of Seats: <input name="seat" value=""><br>
  Audio Buffer: <input name="audioBuffer" value=""><br>
  File Push Speed: <input name="pushSpeed" value=""><br>
  Sharing Speed: <input name="shareSpeed" value=""><br>
  Document Center Size: <input name="sharedFolderSize" value=""><br>
  <input type="submit" name="submit" value="submit"><br>
</form>
```

### 3.2 Delete a room

Submit a HTTP POST request as following to delete a conference room:

```
<form method="POST" action="http://[your server]:7777/wps/deleteRoom.jsp">
  Room Name: <input name="name" value=""><br>
  <input type="submit" name="submit" value="submit"><br>
</form>
```

### 3.3 Update a room's properties

Submit a HTTP POST request as following to update a room:

```
<form method="POST" action="http://[your server]:7777/wps/updateRoom.jsp">
  Room Name: <input name="name" value=""><br>
  Description: <input name="description" value=""><br>
  Password: <input name="password" value=""><br>
  Moderator Password: <input name="moderatorPassword" value=""><br>
  Home Page: <input name="homePage" value=""><br>
  Conference Type: <input name="confType" value=""><br>
  Message of Day: <input name="mod" value=""><br>
  Number of Seats: <input name="seat" value=""><br>
  Audio Buffer: <input name="audioBuffer" value=""><br>
  File Push Speed: <input name="pushSpeed" value=""><br>
```

---

```
Sharing Speed: <input name="shareSpeed" value=""><br>
Document Center Size: <input name="sharedFolderSize" value=""><br>
<input type="submit" name="submit" value="submit"><br>
</form>
```