# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>3</td>
</tr>
<tr>
<td>SERVER INSTALLATION &amp; ADMINISTRATION</td>
<td>5</td>
</tr>
<tr>
<td>PRESENTER TASKS</td>
<td>15</td>
</tr>
<tr>
<td>ATTENDEE TASKS</td>
<td>20</td>
</tr>
</tbody>
</table>
INTRODUCTION

Why Dimdim Web Meeting?
In today’s business environment with globally distributed workforce, it is not realistic to have face-to-face meetings with all participants present in one place. Dimdim’s web conferencing solution enables you to conduct online meetings over the internet easily and economically. This leads to productivity gains and increased Return on Investment as your attention is focused on where it should be - on conducting your business - and Dimdim takes care of the rest.

Typical Dimdim Web Meeting
Using Dimdim a presenter, say Alex, can share his presentation, applications and even his desktop with other attendees spread across the world. The attendees: Jaya, Maria, Takumi & Yamato need only an internet connection and a browser and no installation of software or configuration of firewall or proxies is needed. They can see and talk with each other as if they are sitting next to each other.

![Dimdim Web Meeting Topology](image)

Fig 1: Typical Dimdim Web Meeting Topology

Different entities in a Dimdim web conference

The different entities involved in this setup are as follows:

**Presenter:** This is the entity which is sharing the presentation, application or any other shared resource. Sharing of video and audio will need the presenter to have a microphone and web cam and as of now the supported platforms for the presenter are: Internet Explorer 6.0, 7.0 and Firefox 1.5, 2.0 on Windows 2000 or higher. The Presenter will also need the Flash plugin to be installed on the browser which can be obtained here.

**Attendee:** This is the entity which is seeing the presentation and interacting with the Presenter through the Dimdim application. The attendee as of now needs Internet Explorer 6.0 on Windows 2000 or higher with Flash plugin installed on the browser.

**Dimdim Server:** This is the entity hosting the Dimdim Application. Depending on the usage patterns the configuration of the machine will vary but it is safe to assume that it will need to be much more powerful than a Presenter or Attendee machine.
Bandwidth Requirement:

<table>
<thead>
<tr>
<th></th>
<th>LAN (On Premise Installation)</th>
<th>Broadband (Cable/DSL/ISDN)</th>
<th>DialUp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Upload Bandwidth</td>
<td>750</td>
<td>150-200</td>
<td>50</td>
</tr>
<tr>
<td>(kbps)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WebCam (kbps)</td>
<td>194</td>
<td>38</td>
<td>10</td>
</tr>
<tr>
<td>Audio (kbps)</td>
<td>48</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Screen Resolution</td>
<td>Un-Scaled</td>
<td>1024X768</td>
<td>800 X 600</td>
</tr>
<tr>
<td>Screen Frame rate</td>
<td>No Throttling</td>
<td>1 FPS</td>
<td>0.25 FPS</td>
</tr>
<tr>
<td>Screen Color Depth</td>
<td>24 bits</td>
<td>256 colors</td>
<td>Gray Scale</td>
</tr>
<tr>
<td>Screen Change Threshold</td>
<td>5% per cell</td>
<td>10% per cell</td>
<td>25% per cell</td>
</tr>
</tbody>
</table>

Fig2: Bandwidth requirement in different profiles

Supported Platforms:

Presenter: Internet Explorer 6.0 or 7.0 (with Flash) on Windows XP/2000/2003 Server or Workstation
Attendee: Internet Explorer 6.0 or 7.0 (with Flash) and FireFox 1.5 or 2.0 (with Flash) on Windows XP/2000/2003 Server or Workstation and Linux & MAC OS X too.
Installing the Dimdim Web Meeting Server

Dimdim Web Meeting Conference Server can be obtained from Dimdim Project on SourceForge.net. Once you click on the link for the Dimdim Conference Server Installer you will be shown a screen as shown in Figure 2. Click on Run and start the installation. During the installation please click on Next/I Agree or any other appropriate Button.

Figure 3: Dimdim Web Conference Server Installation – Initial Screen

Click on the Next Button to advance to the next screen.
Figure 4: Dimdim Web Conference Server Installation – Licensing Screen

Click on the “I Agree” button to agree to the Licensing terms and proceed to the next screen.
Figure 5: Dimdim Web Conference Server Installation – Location of Installation
Choose the directory for installing the software and Click on “Next” Button to proceed.
This is the URL to which Presenters and Attendees will come to schedule, start or join a meeting. Do make sure that the URL you specify here is visible to all the people who are required in the meeting. The URL consists of the IP address and the port number. We will discuss the issues regarding IP address or machine name here and the port number issues will be explained in the next point.

- If you have a globally visible static URL (say www.xyz.com or 72.232.197.100) please specify that here.
- Else if all of the participants in the meetings are going to be from inside your intranet you can specify a URL or IP address valid within the intranet. For example: http://192.168.0.3
- If you are the only person going to use or test Dimdim Web Meeting Server you can specify your local machine’s URL. This can be done in the following ways:
  - Localhost or http://127.0.0.1: This is typically done as the local host’s IP address might change as it is assigned through DHCP.
  - http://192.168.0.3: In this case if the IP address of your machine changes you will be unable to access the server with the old IP address.

Whatever port number you specify here should be open for all the participants in the meeting. For example: If you specify port 8080 here, the participants should be able to reach it and at the same time it should be a free port to which the Dimdim web meeting server can bind to. If you don’t specify any port number it is assumed as 80.

Example URLs would be:
- http://xyz.com:8080
- http://demo_machine:9080
- http://xyz.com
Fig 7: Dimdim Web Conference Installation – Configuration of SMTP Parameters

Dimdim uses external SMTP servers to send invite emails from the Presenter to Attendees for Dimdim web meetings. This screen is used to specify the parameters related to the SMTP server. Please use your SMTP server and enter the parameters of your SMTP server.

For test purposes you can use the Default SMTP Server values to use Dimdim.com SMTP server. Do check for availability of the default server through your network before using it. You can check for its availability by using telnet on smtp.atlarge.net on port 25 (on command prompt enter telnet smtp.atlarge.net 25)
Dimdim Meeting Server 1.5.0 Setup

Java Virtual Machine
Java Virtual Machine path selection.

Dimdim Meeting Server Installer has located a J2SE 5.0 compliant JRE on your system. Please select install to continue with the conference server installation using the selected JRE. However, if you would like to use another JRE please select its directory before proceeding.

Java Home Directory

C:\Program Files\Java\jre1.5.0_06

Fig 8: Dimdim Web Conference Installation – Java Virtual Machine Installation
Choose the directory to install Java and click on “Install” button to install and proceed to the next screen.
Fig 8: Progress in Dimdim Webmeeting Server installation
Fig 9: Dimdim Web Conference Installation – Final Screen
Check the check box and click on “Finish” button to finish installation and start the conference server.
Fig 10: Dimdim Web Conference Installation – Browser with Presenter Options

Where to go from here:

   Presenter Task
Starting & Stopping the Dimdim Web Meeting Servers

Fig 11: Starting and Stopping Dimdim Webmeeting Server

To start Dimdim Web Meeting Server:
- Go to Start -> Programs
- Click on Dimdim Conference Server
- Click on Start

To stop Dimdim Web Meeting Server:
- Go to Start -> Programs
- Click on Dimdim Conference Server
Click on Stop
PRESENTER TASKS

Dimdim Web Meetings are started or scheduled through the browser interface. First of all make sure the Dimdim Conference Server has been started. [refer the Starting & Stopping the Dimdim Web Meeting Servers section]. Then go to URL of the browser interface: http://XXX:YYY/conferenceConsole, where XXX is the IP address or URL specified in the installation and YYY is the port specified during the installation.

Dimdim Web Meetings can be started by clicking on “Start Meeting” button.

Fig 12: “Start Meeting” form

Please fill in all the details like Email, the display name you prefer, conference name and conference key into the form. As soon as you click on Start button the conference will start. You can invite other attendees into the conference through the web meeting interface [refer the Send Invitations section]
Schedule a meeting

In this mode one can schedule web meetings in advance. You can reach this mode by unchecking the “Start Now” checkbox in “Start Meeting” form on browser interface of Dimdim conference server. Once you fill the form and click on schedule appropriate emails and sent to attendees with URLs for the meeting. The meeting cannot be started before the scheduled time. If someone clicks on the URL before the scheduled time they will be presented with a message saying that the current time is not scheduled time and hence they cannot join or start the meeting. The meeting can be started only by the presenter.

Start a Dimdim Web Meeting.

Dimdim is Open Source web meeting software. With Dimdim you can show Presentations, Applications, and Desktops to any other person over the internet. You can chat, show your webcam and talk with others in the meeting. As a Presenter only a browser plugin is needed while Attendees do not need to install anything.

To start a meeting, please supply an email and a display name for yourself. You will be able to invite others to the meeting from inside the meeting. You can also change the Meeting Key to something more relevant like “Sales Meeting”. A meeting can also be scheduled for a future date. For this uncheck the “Start Now” option and please fill the relevant details.

Form13: Schedule Meeting Form
Fig 14: Invite Attendees from a Dimdim Web Meeting

Inside a Dimdim webmeeting a presenter can invite attendees through the Send Invitation Panel. Just enter the email addresses of all attendees you want (separated by ;). An optional message can also be sent.
Upload and Show PowerPoint Presentation

Fig 15: Presentation uploading and sharing in Dimdim Web Conference and Presenter and Attendee perspectives

The presenter can upload and share a presentation by clicking on the Presentation link on the Document tab.
Fig 16: Desktop Sharing in Dimdim Web Conference and Presenter and Attendee perspectives

The presenter can start desktop sharing by clicking on the Desktop link on the Screen tab.
Show an Application

Sharing of Application from the Presenter perspective is achieved by clicking on the Application link in Screen Tab.

Fig 17: Application Sharing in Dimdim Web Conference and Presenter and Attendee perspectives
ATTENDEE TASKS

Joining a Web Meeting from an e-mail Invitation: Once an Attendee receives an Email with the URL of a meeting all that needs to be done, to join the meeting is clicking on the URL. On clicking the URL a web form will come with populated values in the fields. In most cases the values can be kept as they are. Just click on Join Button to join the meeting.

Joining a Web Meeting without an e-mail invitation: You can also join a meeting if you know the conference Key. Go to the web interface of Dimdim Conference Server (http://XXX:YYY/ , where XXX is the IP address or URL specified in the installation and YYY is the port specified during the installation.). Click on the “Join Conference” Button. Fill the web form with appropriate values and join the conference.