

```

<?xml version="1.0"?>
<MISTC-Client-Config>
  <version>050203</version>
  <!-- mode is online or offline -->
  <mode>online</mode>
  <serverHostname>myhost.myschool.edu</serverHostname>
  <serverTcpPort>62000</serverTcpPort>
  <!--userMode is 0 for student 1 for instructor -->
  <userMode>1</userMode>
  <moodleShortName>F12-CS555-001</moodleShortName>
  <mistclD>10</mistclD>
  <!-- NOTE: when using server with Moodle, lines above
  this are provided automatically by the server; lines
  below this are configured in Moodle by administrator -->
  <tlmClient>
    <!-- whiteboardPage sets maximum filesize that can be
    imported as a page by the WBD -->
    <whiteboardPage>-P 131072</whiteboardPage>
    <minVersion>050503</minVersion>
    <maxVersion>050503</maxVersion>
    <!-- appDataZipFile is 1 to enabling application launching -->
    <appDataZipFile>0</appDataZipFile>
    <!-- muticastTunnel enables multicast tunnel among clients
    encapsulated within the TCP connection -->
    <multicastTunnelGroup>225.0.0.1</multicastTunnelGroup>
    <multicastTunnelPort>7777</multicastTunnelPort>
    <!-- privateTunnels enables SSL encryption on TCP -->
    <privateTunnels>0</privateTunnels>
    <!-- sendNetVideo enables video via TCP -->
    <sendNetVideo>0</sendNetVideo>
    <!-- record switches determine whether these categories
    are included in the traffic sent to the recorder -->
    <recordNetVideo>0</recordNetVideo>
    <recordLocalVideo>0</recordLocalVideo>
    <recordTunnelMulticast>0</recordTunnelMulticast>
    <recordNetAudioGraphics>1</recordNetAudioGraphics>
    <recordFloorControl>0</recordFloorControl>
    <!-- transmitRatekbps is the expected
    rate from this client to server -->
    <transmitRatekbps>100</transmitRatekbps>
    <!-- receiveRatekbps is the expected lowest rate
    from server to any receiving client -->
    <receiveRatekbps>20</receiveRatekbps>
    <!-- keepalive configures for auto-generated background
    stream that maintains at least this rate in order to
    keep TCP window open so traffic is not delayed;
    we recommend setting it to 20 so voice flows well -->
    <keepaliveRatekbps>0</keepaliveRatekbps>
    <!-- standupWhiteboard configures instructor only
    for a SMARTboard-like input on primary screen -->
    <standupWhiteboard>0</standupWhiteboard>
    <!-- startSwapped configures the standupWhiteboard case
    to start with primary and secondary screens swapped -->
    <startSwapped>0</startSwapped>
    <!-- loopPlayback configures command to PLAY causing it
    to loop the playback continuously after starting
    until STOP command is sent by Play Control -->
    <loopPlayback>0</loopPlayback>
    <!-- tool controls determine whether master client offers
    button for each tool; first bit enables the button;
    second bit causes MISTC to start with the tool launched;
    whiteboardTool2 is full-screen whiteboard for projector

```

```

    and is suppressed in case of standupWhiteboard -->
<whiteboardTool>11</whiteboardTool>
<whiteboardTool2>10</whiteboardTool2>
<videoTool>00</videoTool>
<floorControlTool>11</floorControlTool>
<recordingTool>10</recordingTool>
<playbackTool>10</playbackTool>
<!-- optional update URL determines where client goes
    when it finds upgrade is needed -->
<updateURL>netlab.gmu.edu/NEW/tools/NEWC</updateURL>
</tlmClient>
<!-- audioTool config all optional; it would be used to
    configure for tool other than the embedded NEWSF -->
<audioTool>
  <directoryName>NEWSF</directoryName>
  <toolName>NEW Speak Freely</toolName>
  <minVersion>040405</minVersion>
  <maxVersion>040405</maxVersion>
  <hostAddress>127.0.0.1</hostAddress>
  <receiveDataPort>62004</receiveDataPort>
  <sendDataPort>62006</sendDataPort>
  <sendControlPort>0</sendControlPort>
  <gainControlResetOnShutdown>0</gainControlResetOnShutdow>
  <threadPriorityIncrement>2</threadPriorityIncrement>
  <launchCommand>newsf</launchCommand>
  <launchParameters>windowMode=2 priority=2 newAudioPort=62004
compensateJitter=1000</launchParameters>
  <updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</audioTool>
<!-- whiteboardTool and whiteboardTool2 config all optional;
    internal default values normally are sufficient -->
<whiteboardTool>
  <directoryName>NEWWBD</directoryName>
  <toolName>NEW Whiteboard</toolName>
  <minVersion>020606</minVersion>
  <maxVersion>020606</maxVersion>
  <hostAddress>127.0.0.1</hostAddress>
  <receiveDataPort>62008</receiveDataPort>
  <sendDataPort>62010</sendDataPort>
  <launchCommand>newwbd</launchCommand>
  <launchParameters>127.0.0.1/62008:62010</launchParameters>
  <updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</whiteboardTool>
<whiteboardTool2>
  <directoryName>NEWWBD</directoryName>
  <toolName>NEW Whiteboard</toolName>
  <minVersion>020606</minVersion>
  <maxVersion>020606</maxVersion>
  <hostAddress>127.0.0.1</hostAddress>
  <receiveDataPort>62008</receiveDataPort>
  <sendDataPort>62010</sendDataPort>
  <launchCommand>newwbd</launchCommand>
  <launchParameters>-s -g 1024x768+1024+0 127.0.0.1/62012:62014</launchParameters>
  <updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</whiteboardTool2>
<!-- videoTool config all optional; internal default values
    normally are sufficient -->
<videoTool>
  <directoryName>NEWVIC</directoryName>
  <toolName>NEW Video</toolName>
  <minVersion>020003</minVersion>
  <maxVersion>020003</maxVersion>

```

```

<hostAddress>127.0.0.1</hostAddress>
<receiveDataPort>62016</receiveDataPort>
<receiveControlPort>62017</receiveControlPort>
<sendDataPort>62018</sendDataPort>
<sendControlPort>62019</sendControlPort>
<launchCommand>newvic</launchCommand>
<launchParameters>-p 127.0.0.1/62016</launchParameters>
<updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</videoTool>
<floorControlTool>
  <directoryName>NEWFC</directoryName>
  <toolName>NEW Floor Control</toolName>
  <minVersion>020707</minVersion>
  <maxVersion>020707</maxVersion>
  <hostAddress>127.0.0.1</hostAddress>
  <controlPort>62020</controlPort>
  <launchCommand>newfcClient</launchCommand>
  <!-- this is the only line we usually include in Moodle
    config; it lets us send runtime parameters to FC;
    see Floor Control open source for definitions -->
  <launchParameters>62020 0 7</launchParameters>
  <updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</floorControlTool>
<!-- recording and playback configs all optional;
  internal default values normally are sufficient -->
<recordingTool>
  <directoryName>NEWRP</directoryName>
  <toolName>NEW Recorder</toolName>
  <minVersion>020702</minVersion>
  <maxVersion>020702</maxVersion>
  <hostAddress>127.0.0.1</hostAddress>
  <dataPort>%server.recordingDataPort%</dataPort>
  <launchCommand>REC</launchCommand>
  <launchParameters>0 0 %server.recordingDataPort% RECORDINGS-IN 1 20000
RECORDINGS</launchParameters>
  <updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</recordingTool>
<playbackTool>
  <directoryName>NEWRP</directoryName>
  <toolName>NEW Player</toolName>
  <minVersion>020702</minVersion>
  <maxVersion>020702</maxVersion>
  <hostAddress>127.0.0.1</hostAddress>
  <dataPort>%server.playbackDataPort%</dataPort>
  <launchCommand>PLAY</launchCommand>
  <launchParameters>0 0 %server.playbackDataPort% RECORDINGS</launchParameters>
  <updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</playbackTool>
<recordingControlTool>
  <directoryName>NEWRP</directoryName>
  <toolName>NEW Recording Control</toolName>
  <minVersion>020702</minVersion>
  <maxVersion>020702</maxVersion>
  <hostAddress>127.0.0.1</hostAddress>
  <dataPort>%server.recordingDataPort%</dataPort>
  <launchCommand>REC</launchCommand>
  <launchParameters>0 %server.RecordDataPort%</launchParameters>
  <updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>
</recordingControlTool>
<playbackControlTool>
  <directoryName>NEWRP</directoryName>
  <toolName>NEW Playback Control</toolName>

```

```
<minVersion>020702</minVersion>  
<maxVersion>020702</maxVersion>  
<hostAddress>127.0.0.1</hostAddress>  
<dataPort>%server.playbackDataPort%</dataPort>  
<launchCommand>RC</launchCommand>  
<launchParameters>0 %server.playbackDataPort%</launchParameters>  
<updateURL>netlab.gmu.edu/NEW/downloads/</updateURL>  
</playbackControlTool>  
</MISTC-Client-Config>
```