

# SAP EDUCATION

## VIRTUAL LIVE CLASSROOM TECHNICAL REQUIREMENTS



This document outlines the technical requirements for students participating in Virtual Live Classroom Training

### SAP Virtual Live Classroom Training Technical Environment

Each SAP virtual classroom training event will be supported by two separate technologies used for presentation and hands-on activities. The specific technologies used are:

- Adobe Connect - used by virtual classroom students to participate in course lecture, demonstration, chat, question & answer, etc.
- SAP Windows Terminal Server (WTS) & Citrix Secure Gateway (CSG) - used by virtual classroom students to perform hands-on exercises.

### PC Software Installation and Other Activities Required for Participation in a Virtual Classroom Delivery

In order for the student to participate successfully in a virtual classroom delivery they must load their PC with specific software and perform necessary connection, bandwidth, and latency tests. It is the customer's responsibility to ensure all of these activities are performed within the two business days prior to the start of delivery. The following outlines the software and other activities required:

- Adobe Connect:
  - o A plug-in must be installed to allow the student to be a presenter and share presenter's screen with the class. Students may need to share their screen with the instructor during hands-on exercises in order to resolve a problem they are having in completing an exercise step.
  - o Instructions to load the plug-in will be given to the student via e-mail 5 business days before the start of virtual class delivery. The plug-in takes approximately 5 minutes to install and is available at: <http://sap.support.pgiconnect.com/marketing/addin.html>
- SAP Windows Terminal Server (WTS) & Citrix Secure Gateway (CSG):
  - o Instructions will be provided to the student 5 business days before the start of virtual class delivery to install the Citrix ICA Client available through the "Download Center" at <http://mywts.sap.com>.
  - o Upon installation of the Citrix ICA Client the student will be asked to perform a connection, latency, and bandwidth test to check the quality of their connection to the SAP network.

### Hardware Requirements

- PC with 1 GHz processor or higher. Minimum 1 GHz processor recommended for screen sharing. Students may be asked to share their screen during hands-on exercise portion of virtual class.
- 17 inch or larger monitor is recommended set at 1024 X 768. Larger monitor and 1024 X 768 setting will make presentation and system screens easier to read.
- Phone with Headset/Microphone or Speakerphone feature – to maximize student listening and comfort during presentation and demonstration portion of course.

## Software Requirements

### ADOBE CONNECT & SAP WINDOWS TERMINAL SERVER (WTS)

Operating System:	<b>Microsoft Windows 98 SE, 2000, XP and Vista Linux Mac OS X</b>
Browsers Supported:	<b>Microsoft Internet Explorer 5.5 SP2 or Higher Firefox Version 2 or Higher</b>
Browser Options:	<b>Cookies Enabled</b>
Plug-ins:	<b>Adobe's Macromedia Flash Player 6.0.79 or Higher</b>
Minimum Bandwidth:	<b>DSL, Cable, or Network connection is required. Wired connection is recommended. 30 to 50 kbps per student. Network or ISP connection latency should be less than 150ms.</b>
Other:	<b>Microsoft Installer Version 2 or Higher</b>