Release 3.0 Network Installation Overview

Requirements

Workstation:
Sound Card
Network Card
1024 X 768 Minimum Resolution
800 MHz, 128 MB RAM Minimum
DVD-ROM Drive to Install Software
Windows 2000 or XP
Windows Media Player

Components:
These are available on the ISI Manager CD in the utilities folder

1. QuickTime
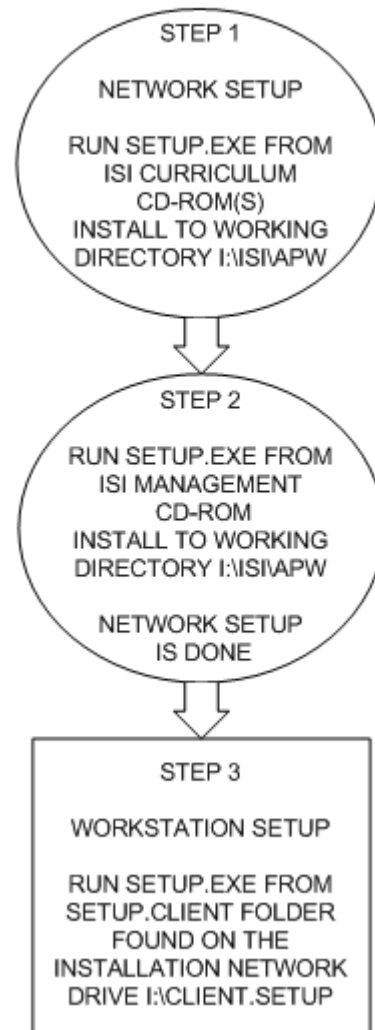2. jet35sp3.exe (Microsoft Jet update)

Network:
Switched network running 100 Mbps

* Installation should be performed with the Windows User Logon ID that will be using ISI software. Temporary Admin rights may need to be assigned during the installation. For systems with restricted rights see our <u>advanced</u> Release 3.0 Network Installation procedure.

Installation

ISI SOFTWARE INSTALLATION TO A NETWORKED DRIVE LETTER I FROM A WORKSTATION

STEP 1

NETWORK SETUP

RUN SETUP.EXE FROM ISI CURRICULUM CD-ROM(S) INSTALL TO WORKING DIRECTORY I:\ISI\APW

STEP 2

RUN SETUP.EXE FROM ISI MANAGEMENT CD-ROM INSTALL TO WORKING DIRECTORY I:\ISI\APW

NETWORK SETUP IS DONE

STEP 3

WORKSTATION SETUP

RUN SETUP.EXE FROM SETUP.CLIENT FOLDER FOUND ON THE INSTALLATION NETWORK DRIVE I:\CLIENT.SETUP

Release 3.0 Network Installation

1. At the Windows File Server create new folder and call it ISI, e.g. D:\ISI then share this folder as "ISI".

   Generally the ISI share is left as Full Control for Everyone if you want to be more restrictive you can assign the following rights after completing all of the steps below.

   ```
   \\ServerName\ISI\ISI\APW\MANAGER    => Full Control
   \\ServerName\ISI\ISI\APW\DATABASE   => Full Control
   Other Directories                   => Read Only
   ```

   The \\ServerName\ISI\ISI\APW\DATABASE subdirectory is created during the "Full Client" installation. It is the active database directory where all of the user activity is stored at. Please make provisions to **back-up** this directory on regular basis.

2. At the workstation **login as the User** that will be using this package and make sure that the workstations have a common drive mapping to the ISI share. (In this example drive letter "I:" is mapped to \\ServerName\ISI).

   Curriculum CD-ROM(s):
   Run setup.exe found in the root of ISI Curriculum CDs. This will copy the contents of those CDs to your destination folder on your file server. Destination folder should be I:\ISI\APW

   Management CD-ROM:
   This CD contains setup.exe in the root of the CD, this is the "**Full Setup**" and a setup.exe in the "**Setup.Client**" folder.

   * Older versions of ISI CDs that do not have setup.exe on the Curriculum CDs. You will need to drag and drop the CD contents to the ISI share. Some files are the same click "Yes" to overwrite. Upon completion you should have a directory that looks like this I:\ISI\APW.

3. Run "Full Setup" found on the Management CD once. This will create the directories mentioned in step 1. Destination folder should be I:\ISI\APW.

4. You can now run "Setup.Client" available on your network drive I:\Setup.Client\setup.exe drive on all of the additional workstations.

   "Client.Setup" will install the client component files of the ISI software which includes the following:

   Additional required components:
   1. <u>Windows Media Player</u>
   2. <u>QuickTime</u>
   3. <u>jet35sp3.exe</u> (Microsoft MDAC update for Windows 2000/XP)

   Copy of QuickTime and jet35sp3.exe is available on the ISI Manager installation CD in the utilities folder.

5. Double click on ISI Release 3.0 Manager and enter "Admin" as the UserID and " isi" as the password..

6. Enroll a student (see ISI user's manual).

7. Run ISI Release 3.0 curriculum.
   Installation is complete.

* *Troubleshooting Hints:*

Most problems are generally related to the rights of the Windows Logon ID. Please double check the following rights.

Registry Rights:
HKLM\SOFTWARE\ODBC => **Full Control** (Error: DBM01 will result if the hive is Read Only)

File Rights and Attributes:
ISI\APW\DATABASE => **Full Control** (Uncheck Read Only attribute on these files if you copied them from the CD-ROM).

Database files located in the \ISI\APW\DATABASE folder must have Read, Write, and Erase rights or Full Control within the context of the User Account that will be using the software. Specifically the following files need these rights Courses.mdb, History.mdb, Manager.mdb, License.mdb, Booknote.mdb, and Response.mdb.

Make sure that you install the software as the user that will be using this package. ISI software creates links to the ISI\APW\Database in the "User DSN" of ODBC. This means if you logoff and logon as someone else a new "User DSN" profile will be loaded without the ISI "User DSN" links created by the setup program and the software will not work. You can verify the links to the database files by opening the OBDC applet in the Control Panel.

If you receive a "3633 error" when logging into the ISI Manager you will need to patch your workstation with this file jet35sp3.exe available at http://www.isinj.com/support/download/jet35sp3.exe or on the ISI Manager CD.

The client software will work only off the network drive letter it was installed from. UNC is not supported.

You may need to assign temporary local admin rights to the Windows User Logon ID in order to install the software.

INSTRUCTIONAL SYSTEMS INC.

ISI RELEASE 3.0 MINIMUM HARDWARE SPECIFICATIONS

The following are minimum hardware requirements for ISI Release 3.0 courseware and management system: *

Local Area Network Station (Laptop or Desktop/Tower)

- CPU: Pentium III class processor 800 MHz minimum
- Main Memory: 128 MB RAM minimum
- Display: 17" color VGA monitor, built-in speakers are recommended
- Display: 1024 x 768 x 32-bit color SVGA graphics adapter or higher
- Audio: 32-bit SoundBlaster compatible audio, port for microphone
- Audio: Speakers with port for headphones, or headphones
- 32X CD-ROM or 2x DVD-ROM drive (one station on LAN must have a DVD-ROM drive – others are optional)
- 1.44" floppy disk drive
- Windows compatible pointing device, mouse recommended
- 2.1 GB or greater local Hard Disk Drive (a local Hard Disk is required, no diskless workstations)
- NIC: Network Interface Card 10/100 Mbps (100 Mbps strongly recommended)
  - o 100 Mbps NICs are required for LANs with more than 10 stations
- Windows '98 2nd Ed. or higher (Windows 2000 or XP recommended)
  - o 256 MB main memory recommended for Windows 2000 and higher
- UPS (Uninterruptible Power Supply), 650 VA recommended – one UPS can generally serve two stations
- 3 year on-site warranty, including parts and labor is highly recommended
- Stereo Headphones for each station
- Anti-Virus Software with auto update on all Stations**
- Microsoft/Security automatic updates on all stations

Local Area Network (LAN) File Server

- CPU: Multiprocessor Capable Server Hardware
- CPU: Pentium III class processor 800 MHz or higher recommended
- Main Memory: 512 MB RAM, 1 GB recommended
- Operating System: Windows 2000, XP, or 2003 Advanced Server
  - o 1 GB is highly recommended for Windows 2000 Advanced Server and up
  - o For each 25 stations, allocate an additional 512 MB RAM
- Display: 15" color VGA monitor
- Display: 800 x 600 x 16-bit (65536) color SVGA graphics adapter or higher
- 48X CD-ROM or DVD-ROM drive (for loading software).
- 1.44" floppy disk drive
- Windows compatible pointing device, preferably a mouse
- Dual (2) 9 GB SCSI, or EIDE hard disk drives, 18 GB recommended
  - o Additional storage and RAID configurations recommended
- NIC: Network Interface Card. Ethernet
  - o Two (Dual 100) Mbps NIC cards required to Switch

- o   Additional NIC cards are highly strongly recommended
- o   For each additional 25 stations, allocate an additional NIC card
- Tape Backup Unit required, DLT recommended
- Switch: Multiport, full-duplex capable - shared Hubs are not recommended
- Network Printer, HP recommended
- UPS (Uninterruptible Power Supply), high capacity
  - o   1000 VA recommended.
  - o   UPS can generally serve the server, switch, router, and firewall
- Tested 100 Mbps Cat 5e (full duplex) Ethernet Network Wiring
- 3 year on-site warranty, including parts and labor is highly recommended
- Server Rack
- Patch Panel (for ethernet wiring)
- Anti-Virus Software with auto update on Server**
- Microsoft/Security automatic updates on Server

*   Minimum Hardware requirements but not new equipment purchase specifications.
** Anti-Virus Software must be kept up-to-date at all times.

Notes: (1) Anti-Spyware software is highly recommended.
        (2) Internet connectivity is highly recommended.

INSTRUCTIONAL SYSTEMS INC.

ISI RELEASE 3.0 <u>MINIMUM</u> HARDWARE SPECIFICATIONS

The following are minimum hardware requirements for ISI Release 3.0 courseware and management system: *

<u>Standalone Station (Laptop or Desktop/Tower)</u>

- CPU: Pentium III class processor 800 MHz minimum
- Main Memory: 128 MB RAM minimum (256 MB recommended for Windows 2000 and higher)
- Display: 17" color VGA monitor, built-in speakers are recommended
- Display: 1024 x 768 x 32-bit color SVGA graphics adapter or higher
- Audio: 32-bit SoundBlaster compatible audio, port for microphone
- Audio: Speakers with port for headphones, or headphones
- 2.1 GB or greater local Hard Disk Drive IF courseware will be run from DVD media
  OR 20 GB or greater local Hard Disk Drive IF courseware will be run from hard drive
- 2x DVD-ROM drive required to install and/or run courseware from DVD (32X CD-ROM can be used to install and/or run courses that do not require DVD)
  OR NIC (Network Interface Card) 10/100 Mbps required for installation on hard drive
- 1.44" floppy disk drive
- Windows compatible pointing device - mouse recommended
- Windows '98 2nd Ed. or higher - Windows 2000 or XP recommended
  (256 MB main memory recommended for Windows 2000 and higher)
- UPS (Uninterruptible Power Supply), 650 VA recommended – one UPS can generally serve two stations
- 3 year on-site warranty, including parts and labor is highly recommended
- Stereo Headphones for each station
- Anti-Virus Software with auto update on all Stations**
- Microsoft/Security automatic updates on all stations
- Printer

* Minimum Hardware requirements but not new equipment purchase specifications.
** Anti-Virus Software must be kept up-to-date at all times.

Notes: (1) In order to facilitate installation and maintenance, ISI recommends that the stations be
         equipped with LAN hardware (such as NIC), even on standalone stations.
         (2) Anti-Spyware software is highly recommended.
         (3) Internet connectivity is highly recommended.