

Local Hosting



Local Hosting Learn360 content on your network opens the door to a wide range of higher quality, higher bit rate videos, which are not normally accessible over most Internet connections. Imagine being able to watch the same high quality content you currently stream over the Internet, but in a true full screen format rivaling DVD quality video. Users will still access the Learn360 web site over the Internet, but the video content they select to stream or download will now come from your local network server(s). This redirection of content will be completely transparent to your users.

Advantages of Local Hosting with Learn360

- NO ADDITIONAL CHARGE
- Using your LAN/WAN bandwidth to deliver content saves precious Internet bandwidth.
- Higher resolution, higher bandwidth video options better suited for LAN/WAN delivery.
- Learn360 content replication system (CRS) will keep your local server collection constantly and automatically up to date based on your ideal schedule.
- Ubiquitous media content allows you to use available IT resources, keeping hardware costs to a minimum.
- The widest array of format and quality level options. Host Windows (wmv), QuickTime (mov) and/or Flash (flv) on your network, with the ability to select specific bit rates for each format.

Recommended Storage	
WM	
384 Kbps	1.5 TB
512 Kbps	2.0 TB
1.5 Mbps	4.0 TB
QT	
384 Kbps	1.5 TB
512 Kbps	2.0 TB
1.5 Mbps	4.0 TB
FLV	
384 Kbps	1.5 TB
512 Kbps	2.0 TB
1.5 Mbps	4.0 TB

** Includes 2009 content additions*

Server Specifications and Options

Component	Requirement/Recommended
Windows Media Streaming	
Operating System	Windows 2000/2003 Server recommended
Computer and Processor	PC with 550-MHz or faster processor required; dual processors recommended
Hard Drive Space	See Storage Tables
Additional Software	None
QuickTime Streaming	
Operating System	Mac OS X Server, Windows 2000/2003 Server recommended; Linux Red Hat 8 or higher, Solaris 9 optional for Darwin use
Computer and Processor	Xserver or Macintosh desktop computer with an Intel or PowerPC G5 or G4 processor; dual processor Intel or higher recommended. *For Darwin see PC specs above
Memory	512 MB of RAM required, 2 GB of RAM recommended
Hard Drive Space	See Storage Tables
Additional Software	Darwin Open Source Streaming Server optional in place of Apple OS X Server (required Windows 2000/2003, Linux or Solaris OS)
Flash Streaming	
Operating System	Windows 2000/2003 Standard Edition, Linux Red Hat Enterprise v3.0 or 4.0
Computer and Processor	3.2 GHz processor or higher required; dual processors recommended
Memory	2 GB or RAM required; 4 GB recommended
Hard Drive Space	See Storage Table
Additional Software	Flash Media Server Stream Edition 3 required

Calculating Storage Requirements

- To host the entire WM library in all three bit rates, you would need 7.5 TB of storage available.
- To host everything, you would need 22.5 TB

Delivery/Setup/Maintenance

Once you have decided what formats and bit rates to local host, your selection of Learn360 content will be delivered to your building on an external hard drive (USB2, FW400, FW800) for initial setup.

Contents of the external drive(s) are copied over to your local server(s) in the exact folder structure found on the drive(s). Once complete, the drives should be returned to Learn360.

Once a streaming and download path is setup, redirection of content only takes a few minutes to accomplish using your Learn360 administration section.

A Learn360 support representative will assist you with the installation and setup of your server paths on Learn360 along with our content replication system to keep your server up to date with the latest content offerings.



New for 2009



Reduce Your Internet Bandwidth Impact

Now you can reduce the Internet bandwidth impact associated with Learn360 to the bare minimum. With our new IP Range feature, you can dynamically control access to your local server from inside and outside of your network:

- Specify the start and ending IP address for your school's network.
- Streaming and downloading of locally hosted content will come from your local server as long as the users IP falls within your range.
- From home, users are automatically assigned back to Learn360 servers for streaming and downloading, eliminating any impact on your school network.

My Media

Now you can allow your users to upload video, audio and podcasts directly to a local server without having to local host the Learn360 library.

Specifying FTP information in the bottom section of your locations Servers tab will enable your teachers and staff to upload their own user generated content directly to your local server.

Upload content in Windows Media, QuickTime, Flash or MP3 formats.

My Podcasts

Learn360 allows users to upload podcasts in MP3 format directly to your local server. Uploaded podcasts can be:

- Subscribed to by other users using a standard RSS link
- Downloaded to iTunes
- Shared with your school, district or all of Learn360

Additional My Media Options

User generated content can be customized to match Learn360 content:

- Assign search terms (keywords) from the Learn360 database or add your own
- Assign grade levels
- Assign multiple Learn360 subject areas
- Align to state or provincial standards
- Share your content with your school, district or all of Learn360 easily