

RAPS WAN Edition

Server System Requirements

Hardware Requirements

- Intel Pentium III (or equivalent) 1.5GHz or better CPU (Intel Celeron is not supported.)
- Dual processor/core minimum. One additional processor/core for every 500 simultaneous connections.
- 512 megabytes RAM baseline
- An additional 128 MB RAM for every 20-30 simultaneous connections after the first 30
- 1 gigabyte of free hard drive space
- Recommended: a RAID disk array, tape backup, or other form of disaster recovery for the server's hard drive containing the student data.

Network requirements

- TCP/IP network
- The server must be a dedicated RAPS database server. It cannot be used for other services or applications.
- The server must have a static IP address
- The server must be reachable (via TCP/IP) from all the workstations that will run RAPS.
- The TCP/IP port used by the database manager must not be blocked by any firewalls. MySQL uses port 3306 by default. Microsoft SQL Server uses ports 1433 and 445 by default.
- A read-only network share must be available to all workstations running RAPS.
- Recommended: 100-megabit Ethernet on the internal networks. At least a T1 connection between the district/organization and each of the individual schools/sites.

Software requirements

- A Windows NT-based Server OS (Windows NT Server, Windows 2000 Server, or Windows Server 2003)
- At least enough Client Access Licenses (CALs) for Windows Server to match the maximum number of RAPS connections. (An additional 10-20% is recommended.)
- A database manager. Supported database managers are
 - **MySQL Server** – supplied with RAPS WAN Edition on the Setup CD with a license for use with RAPS only.
 - **Microsoft SQL Server** – must be purchased independently and installed prior to installing the RAPS server component. MS SQL Server must be configured to use SQL Server Authentication.

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Workstation System Requirements

Hardware Requirements

- Intel Pentium III (or equivalent) 1GHz or better CPU
- 256 megabytes RAM
- 500 megabytes free hard drive space
- SVGA (16-bit color) video card
- Sound card with speakers (headphones recommended)
- 8x CD-ROM drive
- Optional: Printer

Note: These requirements assume the computer is running a minimal set of non-OS-related services or background programs. Running too many “hidden” programs like the Real Player tray icon, the AOL tray icon, and “spyware”/“adware” could affect program stability and responsiveness.

Software requirements

- Windows Millennium or newer