



Meals Plus System Requirements

Meals Plus requires 1 (ONE) central server and any number of client machines, depending on the number of schools, serving lines and central office staff.

Requirements for ALL SERVERS (Physical or Virtual)

- Minimum of Two Data Partitions; one for operating system, one for data
- Remote Storage Device for Backups
- 100/1000 NIC (network card)
- Windows Server 2003 or Server 2008 Standard Edition or better (X64 Recommended)
- Microsoft SQL Server 2005 or 2008 Standard Edition
- .net Framework 2.0 or higher
- Minimum Monitor Resolution of 1024 X 768
- Suitable WAN connections to schools
 - Data transfer rates must be at least 56 KBS

Additional Requirements for SERVERS - based upon district size

- 1 – 10 Schools
 - Hard Drive: RAID 1 w/two 10K RPM drives or faster
 - Processor Type: Pentium Dual Core Xeon processor or higher
 - Processor speed: minimum 2.0 GHz, 800 MHz FSB or higher
 - Memory: minimum: 4 GB RAM or more at 800 MHz
- 11– 25 Schools
 - Hard Drive: RAID 5 w/minimum of four 10K RPM drives or faster
 - Processor Type: Pentium Dual Core Xeon processor or higher
 - Processor speed:
 - Minimum: 2.0 GHz, 800 MHz FSB or higher
 - Recommended: 2 GHz or higher with 1066 MHz FSB* or higher
 - Memory:
 - Minimum: 6 GB RAM* or more at 800 MHz
 - Recommended: 8GB RAM* or more

*requires x64 Operating System

- 26-60 Schools
 - Hard Drive: RAID 5 w/minimum of four 15K RPM drives or faster
 - Processor Type: Pentium Quad Core Xeon processor or higher
 - Processor speed:
 - Minimum: 2.0 GHz, 800 MHz FSB or higher
 - Recommended: 2.0 GHz or higher with 1333 MHz FSB* or higher
 - Memory:
 - Minimum: 10 GB RAM* or more at 1066 MHz
 - Recommended: 12 GB RAM* or more at 1066 MHz
 - Log and Data file need their own subsystem (RAID configuration recommended)

*requires x64 Operating System

- 61+ Schools
 - Hard Drive: RAID 5 w/minimum of four 15K RPM drives or faster
 - Processor Type: Pentium Quad Core Xenon processor or higher
 - Processor speed:
 - Minimum: 2.0 GHz, 1066 MHz FSB or higher
 - Recommended: 2 GHz or higher with 1333 MHz FSB* or higher
 - Memory:
 - Minimum: 12 GB RAM* or more at 1066 MHz
 - Recommended: 16 GB RAM* or more
 - Log and Data file need their own subsystem (RAID configuration recommended)

*requires x64 Operating System

Requirements for CLIENTS

- Pentium III processor or higher
- 512 MB or higher
- 100/1000 NIC (network card)
- Minimum Monitor Resolution of 1024 X 768
- Network connectivity with a transfer rate of at least 56KBS
- Windows XP - Service Pack 2 or higher
- .net Framework 2.0 or higher

Requirements for Auto-Updates

For Meals Plus Automatic Updates to function and access the downloads, the following IP's and Web Addresses must be accessible through the customer's firewall, proxy, filters, etc.

<http://autoupdate.ems-isis.com/> resolves to 98.129.120.106

<http://downloader.mealsplus.com> resolves to 205.178.136.32

It is also recommended that the windows or domain account that will be running Meals Plus have Full Control to the **C:\Program Files\Meals Plus** folder or **C:\Program Files (x86)\Meals Plus** for 64bit installations. When updates are downloaded and installed, the files in these folders will be overwritten and the user will need the rights to perform that action.

Requirements for Hosted Customers

For customer whose data is hosted by Meals Plus, we will need the public IP(s) for the machines that will be used to access the Meals Plus database. Our servers are setup to only allow access from known IP addresses and no others. A static address or address pool configured through a NAT translation will be required.