GENERAL INFORMATION

- •NETWORK CONNECTIVITY:
  - •Wired ethernet connection recommended for best performance.
- •MONITOR & DISPLAY SETTINGS
  - •Recommended Screen Resolution: 1920x1080 (Full HD) or higher
  - •Minimum Screen Resolution: 1366x768
  - •Large text/font scaling is not supported. Set display scaling to 100% (or "Small" depending on OS)
- •CPU (Processor)
  - •Verify Single Thread Ratings at PassMark
  - •3500+ (Recommended)
  - •Under 2500 (Low Performance)

SERVER REQUIREMENTS:

- •NECS recommends installing the Advantage Database and entrée software on a dedicated server.
  - •CPU (Processor)
    - •Single Thread Rating: 3500+ (PassMark)
    - •Core Count: 8+
    - •Suggested modern CPUs:
      - •Intel Core i7/i9 (13th Gen or later)
      - •Intel Xeon E-2468 or E-2488
  - •RAM & Advantage Settings
    - Use the System Optimizer Tool to determine RAM and Advantage settings based on your database size and user count.
  - •Hard Drive
    - •NVMe SSD (Gen 4 or later)

        - •Total Storage: 500 GB+
        - •C drive: 256 GB (additional space may be required depending on database size)
    - •Supported Windows OS
        - •Windows Server 2016, 2019, 2022, 2025

VIRTUAL MACHINE (VM) SERVER REQUIREMENTS

- •All requirements listed above apply to VM Servers
- •All resource allocations to the VM Server should be “static”, not “dynamic"
- •VMware recommended over Hyper-V

TERMINAL SERVER (REMOTE DESKTOP SERVICES):

- •No more than 20 users should be assigned to each Terminal Server.
- •CPU (Processor)
    - •Single Thread Rating: 3500+ (PassMark)
    - •Core Count: 12+
    - •Suggested modern CPUs
        - •Intel Core i7/i9 (13th Gen or later)
        - •Ryzen 9 (Zen 3 or later)
    - •RAM
        - •8 GBs per user + 16 GBs for OS
        - •For 20 users, 176 GBs
    - •Hard Drive (Storage)
        - •NVMe SSD (Gen 4 or later)
        - •20 GB per user, 100 GB for OS
        - •For 20 users, 500 GB
    - •Supported Windows OS
        - •Windows Server 2016, 2019, 2022, 2025

- •Hard Drive
  - •NVMe SSD (Gen 4 or later)
  - •20 GB per user, 100 GB for OS
  - For 20 users, 500 GB
- •The Terminal Server should only have the Client software installed on it. The Database files should be installed on a separate, production server

WORKSTATION REQUIREMENTS:

- •CPU (Processor)
  - •Single Thread Rating: 3500+ (PassMark)
  - •Core Count: 8+
  - •Suggested modern CPUs:
    - •Intel Core i5/i7/i9 (13th Gen or later)
    - Ryzen 5/7/9 (Zen 3 or later)
- •RAM
  - •16 GB+
- •Hard Drive (Storage)
  - •NVMe SSD (Gen 4 or later)
  - •Total Storage: 256 GB+
- •Supported Windows OS
  - •Windows 11 Pro or later