



# New Install/SQL Conversion

## Single User Installation

### Single User Software

#### Microsoft Windows Operating Systems

- Microsoft Windows 10 / 11 (64-bit)
- Professional or Enterprise
- Microsoft Windows Server 2016 / 2019 / 2022
  - Standard / Enterprise

#### Notes:

Only the latest service packs for Windows are supported  
Any other Operating Systems not explicitly listed here, are unsupported.

#### Microsoft SQL Server

- Microsoft SQL Express 2014 or Newer
  - Customer is responsible for SQL Express installed to RRS specifications.
  - If not installed or installed incorrectly, an additional charge may apply.
  - An install doc is available.

### Single User Hardware

- Internet Connection – Recommended Minimum Speeds:
  - 5 Mbps Download
  - 1 Mbps Upload
- Quad Core CPU or better
- 160GB Hard Drive or higher
- 4GB RAM or higher
- DVD Drive
- Monitor with a Resolution of 1366x768 or higher



## Multiple User Install

### Multiple User Software

- Microsoft Windows Server 2016 / 2019 / 2022 Standard / Enterprise
- 1 Windows Server RDS VM for the RRS install (Cannot be a Domain Controller)
- 1 Windows Server VM for SQL server (cannot be a Domain Controller)
- Microsoft Windows Server CALs for all users
- Microsoft RDP CALs for all users
- Microsoft SQL Server CALs for all users (if licensed per user)
- Microsoft SQL Standard/Enterprise 2014 or Newer (licensed per core or per user).
  - An install doc is available.
- Hyper Visor
  - Microsoft Hyper-V
    - Nothing other than Hyper-V installed on this OS instance.
    - VMware vSphere v5.1 or above
- Anti-Virus of your choice
  - Exclude the RRS Folder from Real Time Scans
- Backup software of your choice
  - Must be able to handle SQL databases and offsite backup.
  - Create a nightly backup when users are not using RRS.

### Multiple User Hardware

- Internet Connection – Recommended Minimum Speeds:
  - 5 Mbps Download
  - 1 Mbps Upload
- Processor Core Recommended Minimums:
  - 2 to 10 users: 6 Cores
  - 11 to 25 users: 12 Cores
  - 25+ users: 24 Cores
- Hard Drive Recommended Minimums:
  - 2 to 10 users: 4 - 146GB 15K RPM or SSD in RAID 5
  - 11 to 25 users: 6 - 146GB 15K RPM or SSD in RAID 5
  - 25+ users: 8 - 146GB 15K RPM or SSD in RAID 5
- RAM Recommended Minimums:



- 2 to 10 users: 24 GB
- 11 to 25 users: 48 GB
- 25+ users: 96 GB
- Dual Power Supplies
- Dual UPS's – 1500VA/980W or better

### Multiple User Additional Information

- RRS requires unattended admin remote access to the RDS and SQL Servers while setting up or converting data.
  - Examples:
    - RDS
    - VPN/RDS
    - ConnectWise
    - WebEx, etc.
- SQL Management Studio must be installed on the SQL server.
- Microsoft Exchange cannot be installed on the same server as RRS or SQL.