**SYSTEM REQUIREMENTS**

The Sabre® Red™ Workspace is a managed client application that is downloaded and installed in a variety of configurations. The Sabre technical development and quality assurance teams have tested various scenarios to determine minimum hardware specifications for the end user’s workstation.

An installation of the Red Workspace on a workstation that does not meet these specifications may not function properly, and cannot be supported by Sabre.

**Operating System Software**

- Microsoft Windows XP, Service Pack 2 installed
- Microsoft Windows Vista
- Microsoft Windows 7
- Basic support for Terminal Services environment
  - Citrix

**Hardware Specifications**

- Processor (CPU) meeting the minimum requirement for the version of Microsoft Windows
- 512 MB RAM
- 1024 x 768 16-bit (High Color) video resolution
- 300 MB of free disk space for the first user on a standard desktop installation, and 20mb for each additional user.

**Web Browsers**


**Sun Microsystems Java Runtime Environment**

- Sabre Red Workspace uses Java 1.6, which is included with the installation software and used exclusively by Sabre Red Workspace

**Adobe Flash Player**

- Adobe Flash Player 9.x or higher. Go [here](#) for a quick check of the version you are currently running.

**Network**

1. *Sabre® Virtual Private Network* Connection – Customer-supplied Internet connection
   - 56 Kbps or faster (56 Kbps for a single workstation only)
   - **Note:** Ports 443 & 80 are required for Sabre Red Workspace. Write permission is required to the "etc" directory (host and lmhost files) for the Sabre VPN.

2. Private Connection - Dedicated connection to Sabre
   - Business to Business VPN (B2BVPN)
   - Legacy Frame Relay
   - Managed Network Services (Frame or DSL)
   - Vendor Access Room connections
   - **Note:** Ports 443, 80, 389, 30030, 30031, 30032, and 30051 open for the Workspace communication processes to work properly.
Recommendations

These recommendations will have the greatest impact on Red Workspace usability, but are not requirements.

- 17” monitor or larger
- DSL or better connection, for users to take advantage of the Sabre Red Workspace’s features
- 2GB RAM and 1.0 GHz processor, to allow office applications to run concurrently