

SQL Separate Instance

Questions? From your BS&A program, go to **Help>Contact Customer Support** and select **Request Support Phone Call** or **Email Support**. Or, you may call us at (855) 272-7638 and ask for the appropriate support department. Questions for our I.T. department may be submitted by phone (same number), or by emailing tech@bsasoftware.com.

A separate instance of SQL Server for BS&A .NET applications is strongly recommended.

SQL Server supports multiple instances of the SQL Server database engine running concurrently on the same computer. Each instance of the SQL Server database engine has its own set of system and user databases that are not shared between instances. Software applications can connect to each SQL Server database engine instance on a computer in much the same way they connect to SQL Server database engines running on different computers.

Although there are resource management benefits of using a single instance for all of your SQL database needs, BS&A strongly recommends its own separate instance of SQL Server for the following key reasons:

- Non-BS&A software packages may require special configuration not consistent with BS&A standards.
- Technical issues arising from other vendors' software can be isolated from BS&A. Conversely, technical issues arising from BS&A software can be isolated from other vendors.
- Microsoft recommends the use of separate instances when multiple vendors use SQL Server databases. Information on Microsoft's site explains, "Multiple instances are used by organizations that have several applications running on a server but want them to run in isolation so that any problem in one instance will not affect the other instances."

There are no additional costs to install multiple instances that are appropriately licensed on a server or per-processor basis. We have set this recommendation because this is a no-cost solution with high benefit.

BS&A Software will be happy to provide instance configuration information for our applications.