

Sybiz programs and Anti Virus

Please note that information in this document may have changed since this document's creation. Document Creation Date: October 2003

The type of Anti Virus software you have and in some cases the way it is set up, can affect the performance of Sybiz Vision on your machine and network.

Typically an anti virus program interrogates each file that it opens to determine if that file contains a pattern that matches a pattern that is exhibited by a known virus. In this way your machine or server can and warn you of a virus before you run the program, batch file or script that contains the virus.

How does this affect Sybiz Vision? In many cases the files that your anti virus program scans by default are ALL files. This would include the data files in your Sybiz Vision program.

The first problem that occurs is that Sybiz Vision, as it stores data, will open and close up to 80 files per transaction process. These files are opened and closed in the time that it takes from pressing the process button to the screen refreshing and allowing entry of another transaction (typically less than two to three seconds). Each time a transaction is processed, your anti virus program may scan up to 80 files, and this will have an affect on the time taken to process a transaction. The effect can be as small as doubling the time taken to process a transaction, to taking up to six minutes to process one transaction.

The second problem that occurs is as your data files become larger. In interrogating each file for a virus it may search the whole file. Obviously the larger the file, the longer the process of scanning the file will take. Again this can have the affect of slowing the time taken to process transactions and produce reports dramatically in some cases.