

What are the table size limitations on the SQL Option Server?

The SQL Option Server (XDB) can handle very large tables. XDB is designed to handle over 2 billion rows. More importantly, though, is the size of the resulting file(s) that will make up the table. XDB will automatically split the table into two-gigabyte files so that the user can use either FAT or NTFS file systems. 4 gigabyte is the maximum size of any one file on a FAT file system while NTFS provides virtually unlimited file sizes. The largest table size XDB currently allows computed in storage size would be about 20 gigabytes of data. That would be 5 million rows of 4 kilobyte records; 20 million rows of 1 kilobyte rows; 40 million rows of 500 byte records, and so forth.

There will be issues loading the data for a table that large. There are features built into the SQLWizard utility to improve the speed of data imports; the client will also need to ensure that they have their import job breaking the import of the data into separate transactions so that they do not run out of space for data base logging.

Additional information about database logging can be found in the program files\net express\mfsq\help\xsrv70n.hlp file for Net Express and in mfe\mfsq\bin\xsrv70n.hlp for Mainframe Express.