

Use of Commercial Backup Software with Juris (Juris 2.x w/MSDE)

Juris databases hosted on a Microsoft SQL Server 2000 Desktop Engine (MSDE) instance may be backed up manually through the Juris Management Console. Firms wishing to automate the backup process to eliminate the nightly manual backup have two options: 1) upgrade the MSDE instance to the full version of Microsoft SQL Server 2000 (which allows the implementation of a scheduled SQL Maintenance Plan) or 2) utilize an appropriate SQL agent for their backup software.

Juris, Inc. currently supports two third-party backup packages in regard to backing up the \JURIS instance: Veritas Backup Exec from Symantec, versions 8.6 & later, and BrightStor ARCserve Backup from Computer Associates, also versions 8.6 & later. (Support for functionalities not specific to backing up the Juris/JBills databases should be requested from the appropriate software vendor.) Other software packages with SQL capabilities may be able to perform a valid backup of the Juris databases as well; assistance with configuring those packages may be available from Juris, Inc. on an Additional Services basis.

This document details any special configuration steps needed to allow third-party backup packages with SQL agents to successfully backup the \JURIS MSDE instance. Settings beyond those detailed should have no bearing on successfully backing up Juris, and should be configured as appropriate after consulting the documentation and/or support for the specific software.

Note: Firms using full SQL Server 2000 (rather than MSDE) do not need to utilize this document to successfully backup their SQL data. Full SQL Server allows the creation of a Maintenance Plan within Enterprise Manager to schedule a database backup, or alternately the use of the "sa" SQL login for attaching to the SQL instance from third-party backup packages. In such an environment, the SQL administrator need only verify that 1) the Juris & JBills databases are being backed up regularly and 2) the Juris/JBills transaction logs are being backed up & truncated as appropriate. Consult the documentation for SQL Server and/or the appropriate backup software for details.

Configuring Veritas 8.6 or 9.1 to backup the Juris Database

*The SQL Agent for Veritas MUST be installed in order to perform automatic backups

1. Place JUT21119.exe in the Juris2\bin folder.
2. Go into Start > Programs > Juris > License Manager Click on the firm number and put checkmark in Juris Default. Save and Close
3. On the Veritas server open the registry and browse to HKEY_LOCAL_MACHINE/Software/VERITAS/Backup Exec/SQL Server/**Forced Names Pipe Backup/Restore**. Change the value to 1 if not done yet.
4. Run the JUT21119.exe which will add the JurisRPT2 logon to the database for access
5. Go into Veritas
6. Go to Network Accounts and then Add
7. Add JurisRPT2 (Capital J and RPT and no spaces) The password is **JurisRPT2** (as shown). There should be no boxes checked.

8. Then modify the backup job and select Jbills and Juris from the SQL instance (do not select anything else) right click on the SQL Server Juris Instance Choose Connect As and Select JurisRPT2.
9. And then setup a second job the same way(just choose Juris and JBills Databases) but under the SQL options choose Log – Backup Transaction Log files and schedule for once a week