

# Time Machine® Framework for SQL (TMFSQL)

Enable Parallel Time Shift Testing for Microsoft SQL Database



Solution-Soft

## Introducing the Time Machine Framework for SQL

Time Machine software is a de facto standard for enabling you to time travel with your applications and databases into the future or the past with variable speed capability for any functional tests. With virtual clocks our software facilitates time shift testing on your date and time sensitive application logic, such as in support of critical Go Lives, month-end, quarter-end, and year-end processing, billing cycles, workflow, regulatory requirements, and policy life cycles across n-tier architecture with ease.

Now customers using Microsoft SQL database can time travel specific sessions or connections in real time rather than the entire database instance with Time Machine Framework for SQL. As a result, different sessions connect to the same SQL instance can see different virtual clocks or system clock based on your requirements and how users are sharing the instance. This is particular useful for multi-tenant situation in the Cloud, where different customers may be sharing the same SQL instance and may not want to time travel to the same time. In addition, rules can be established that allow for virtual clocks to be created whenever a certain user connects, a connection is made from a specified one or more hosts, when a connection is made by specific programs. What's more is that these rule filters can be used in combination with Time Machine Sync Server to broadcast a virtual clock to multiple targets in the sync group, such as both the SQL database and an application server on a different system.

The Time Machine Management Console provides the interface for setting, viewing and removing virtual clocks by sessions and establishing rules. You can connect to multiple databases, instances or cloud based servers simultaneously. The same easy-to-use graphical user interface allows users to monitor and manage virtual clock for all Time Machine Suite of products.

Time Machine Framework for SQL is bundled with a specialized Windows Time Machine. This version of Time Machine includes all capability of regular Time Machine, plus special capability to support TMFSQL.

## Request a Demo

Download a free Time Machine demo at [www.solution-soft.com](http://www.solution-soft.com). or more information, call us at +1 (408) 346-1415 or email [sales@solution-soft.com](mailto:sales@solution-soft.com)



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## Features

Time travel only the sessions needed.

Different sessions to the same SQL instance could have different virtual clocks or stay at system time.

Intuitive and easy to use GUI to set virtual clock on-the-fly.

Rule enables test automation and automatic virtual clock configuration.

Provides all the features of Time Machine to the SQL Database in finer granularity.

## Requirements

Minimum 5 MB disk space 32 MB memory