



Time Machine[®]

Key Benefits

- Offers up to 20,000 programmable virtual clocks to support a variety of applications and user/group requirements
- Saves costs by supporting all global time zones from a single server platform
 - Eliminates server duplication
 - Simplifies load balancing
- Provides accurate local “time stamping” for critical applications
- Supported by Microsoft[®] Terminal Services and Citrix MetaFrame[™]
- Compatible with popular internet platforms

Time Machine
is certified compliant for
Microsoft Terminal Services



Solution-Soft is a
Premier member of the
Citrix Business Alliance[™]



Partners

Solution-Soft maintains strategic partnerships with Citrix[®], Hewlett-Packard[®], IBM[®], Microsoft[®], Oracle[®] and Sun Microsystems[®].

A distribution application solution for ASPs, corporate data centers and other geographically diverse computing environments

Time Machine[®] is a software application designed to manage server/client time zone differences. With Time Machine, servers can now provide remote clients/users with “local time” as required for legal, accounting, and other sensitive and/or critical time and date applications: Terminal Server Programs run in user time, rather than system time. Time Machine is the only solution for user-based time correction for Windows[®] 2000/NT Terminal Servers. Time Machine has been tested by VeriTest[™] and is confirmed to be compatible with Microsoft[®] Terminal Services.

Time Machine provides up to 20,000 virtual clocks and supports both group- and user-level time correction. Rather than implementing the typical approach of one server per time zone, Time Machine provides a cost-effective, single-server solution. Easy to implement, a single copy of Time Machine installed on a server supports an unlimited number of time zones.

ASPs and corporate data centers that support users across multiple time zones can benefit from this versatile software package. Time Machine reduces hardware and software costs and minimizes indirect costs including support staff and overhead, network issues, reliability, etc.

The Multiple Time Zone Issue

In Server Based Computing environments, applications that require the system time will get only the time of the server regardless of the location of the user. This means that users in other time zones will have the wrong time stamp on the applications that they are using. In addition, time zone-critical events such as meetings, conference calls and airline flights can all be misscheduled due to inaccurate reflections of time and/or date.

Typical solutions to the multiple time zone issue have included adding an expensive server for each time zone supported. Companies have also attempted to create their own time zone software management packages, resulting in many person-months of costly software design, development and debugging.



Features/Specifications

Features

- Specific system date and time simulation for any program
- Virtual clocks can be set to past or future, running or frozen and specified by absolute or relative values
- Virtual and system clock activity logging
- Exclusion lists ensure normal system operations for backups, logging, reporting, etc.
- Extended and “what-if” testing for demo and time-limited programs

Operating Systems

- Windows® 2003, XP, 2000 and NT 4.0
- HP-UX™
- Sun Solaris™
- IBM-AIX™
- HP 3000 MPE™

System Requirements

- Minimum 5 MB disk space, 32 MB memory for all systems listed above

Download a free Time Machine demo at www.solution-soft.com or call us at 1 (888) 884-7337.



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Time Machine Aids in Software Testing

Time Machine is also a powerful application to evaluate “what-if” scenarios and test time-programmed events and activities such as end-of-month or quarterly reports. Users simply login using the correct time, then the server processes are selected to run under different user-specified time settings. As a result, new software is easily tested for date and time verification and “triggering.”

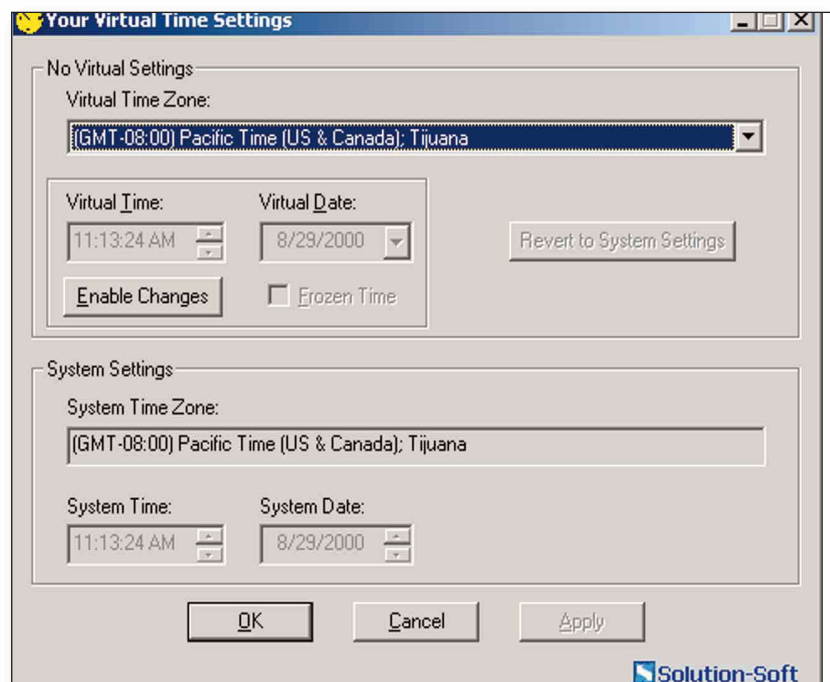
Programs including demos or rental software that would otherwise expire may also be “excluded” from the Time Machine virtual clocks. This is accomplished by specifying an exclusion list. This way, programs can be developed and users can be trained based on past or future time periods while normal production remains unaffected.

Time Machine Operation

The system/network administrator can easily configure Time Machine for use. Once programmed for user and group activities, users simply login and Time Machine automatically establishes a clock based on that user's time zone. Users can be identified by either user ID and/or group ID (such as East Coast Sales Team, etc.).

Time Machine establishes “virtual” clocks without altering the computer system clock. As a result, only programs running in a Time Machine session are affected. All other users, programs, and system functions see the current date and time.

Prior to running any program, users simply run Time Machine and specify any date and time. Programs automatically see a virtual time relative to the system clock whenever the program asks for the current date and time.



User Screen for Setting Virtual Time