

# SyncTime software for HP NonStop Systems

A powerful tool to synchronize system time for the HP NonStop environment

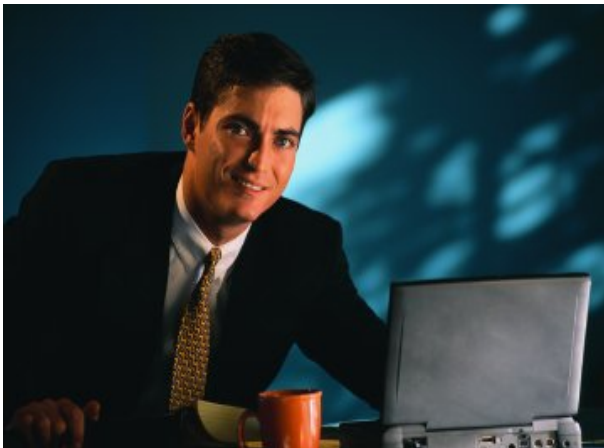
As more and more customers use HP NonStop servers as part of a distributed computing environment, it is becoming apparent that it is critical to synchronize system time across heterogeneous systems in order to preserve the integrity of transactions. Especially for an enterprise that has computer systems and customers located in different time zones, it becomes an even more complex task to ensure that all the systems are synchronized accurately to an external source such as the US Government's N.I.S.T server.

The SyncTime Software product is designed to accurately and reliably synchronize each HP Nonstop system time with an external NTP server in a completely automated fashion. The best part of the software is that it comes with an easy to use menu driven administrative tool that makes it easy to learn and deploy. Since this software performs a critical task, there are built in "test" modes that ensure that the user is completely satisfied with its performance before activating it in a production environment.

## The Features

SyncTime Software is designed with a rich set of standard features that are easy to configure and use.

- Designed to be very robust, secure and scalable
- Ability to interface with EMS and SNMP
- System time can be changed manually or in an automated fashion
- Completely configurable with user defined parameters
- Does not need Pathway, SQL or TMF to function
- Accurate to within 1 second of the external NTP Server
- System manager can decide allowable time variance
- Comprehensive menu driven management tools
- Includes *test-before-you-deploy* feature which ensures that system managers are completely satisfied with performance before activating the software
- Completely automated. Start it and forget about it.



**ROBUST**  
SCALEABLE  
SIMPLE

For an enterprise it is critical to provide an accurate system time to maintain transaction integrity. Using the SyncTime software from Genesys Solutions, it is possible to do so with very little overhead. It is also possible to synchronize the system time on every HP Nonstop server across the network, even if they are not inter-connected (over Expand), to a difference of one second or less. The best part is that this software has a low cost and involves no upfront investment. The system manager can download and test the software and activate it only when they are completely satisfied with its performance. After it is activated there is a low monthly license fee per HP Nonstop system to continue using it. This fee includes 7x24 technical support via phone and e-mail.

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## The Benefits

- Provides transactional integrity at a low cost
- Menu-driven tools makes it easy to learn, test and deploy
- Very low impact on system resources
- Easily scalable over multiple HP Nonstop servers
- Operations staff gets notified of events via SNMP / EMS
- Can interface directly to the NIST NTP server if desired
- Provides an easy way to accurately and reliably synchronize system time to any external NTP server in a completely automated fashion



## The Company

Genesys Solutions has been providing world-class products and services since 1995. Our expertise is in the cable and financial industries. We count as our clients, some of the largest and prominent names in today's business world. We provide unmatched 7x24 technical support from our Denver facilities. Our reputation in the marketplace is outstanding because we deliver on our promises.

## The Technology

SyncTime consists of one component. This component executes on the HP NonStop Server (S Series, running NSK ver. G06 or later). On a regular basis, it communicates with the external NTP Server through a TCP/IP session and obtains the accurate timestamp and compares it with the local system timestamp. Any variance in the two timestamps are reported via EMS or SNMP to the operations staff at configurable intervals. It also provides the ability to compare the time difference between each HP Nonstop Server in the network.



# Genesys Solutions, Inc.

*Software to simplify your life!*

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