

Re: Problem with Invalid System Time dialog preventing autologon.

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2006-10/msg00031.html>

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- *From:* Øivind Berentsen <trash@xxxxxxxx>
  - *Date:* Wed, 04 Oct 2006 08:27:46 +0200
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Thanks steves,

The problem is that this is a system which we sell to customers, using of the shelf hardware (AmPro CoreModule 600). So I'd rather fix this in software instead of modifying every single board we deliver.

I was also unable to disable this message on a XP Professional installation. It seems this question has gone unanswered in multiple posts around the net. Is there nobody who knows how to disable this message box or knows from which dll/service it originates from?

Thanks in advance,  
Øivind

steves wrote:

I would think that the system bios would write a valid time into the CMOS clock during POST. Perhaps your motherboard manufacturer could provide a modified BIOS that would initialize the clock correctly (Set it to a version number or something). I have in the past reverse engineered my BIOS to accomplish such things. There are a couple of books out there that contain the I/O maps for the CMOS Ram maps that allow you to figure out what needs to be done.

If you compared the time/date seen in the computer's CMOS ram utility with the range of allowed times for a windows clock, maybe you could see why this is occurring.

Steves

Øivind Berentsen wrote:

Hi all,

I've got a problem with a modal dialog preventing our systems autologin. The dialog contains the following text:

Title:

Re: Problem with Invalid System Time dialog preventing autologon.

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## Invalid System Time

Text:

The time or date on your system is invalid. Please use the date/time applet in the Control Panel to properly set your system time and

I believe the dialog appears because we do not have a battery in our hardware and the real time clock is reset every time power is lost.

I've found a preliminary fix to this problem by enabling implementing message box interception, but this solution presents some problems since all message boxes automatically automatically returns the default button as result.

I used the following registry settings:

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Error
Message
Instrument]
"EnableLogging"=dword:00000001
"LogSeverity"=dword:00000000
"EnableDefaultReply"=dword:00000001
"TypesSupported"=dword:00000007
"ErrorMessageFile"="%SystemRoot%\System32\User32.dll"
```

I also tried setting the NoPopUpsOnBoot and ErrorMode keys like this:

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Windows]
"ErrorMode"=dword:00000002
"NoPopUpsOnBoot"=dword:00000001
```

but they did not seem to have any effect. Is this messagebox a special case which is not affected by the NoPopUpsOnBoot setting?

If anybody have any suggestions how to remove this dialog it would be greatly appreciated!

Regards,  
Øivind Berentsen