



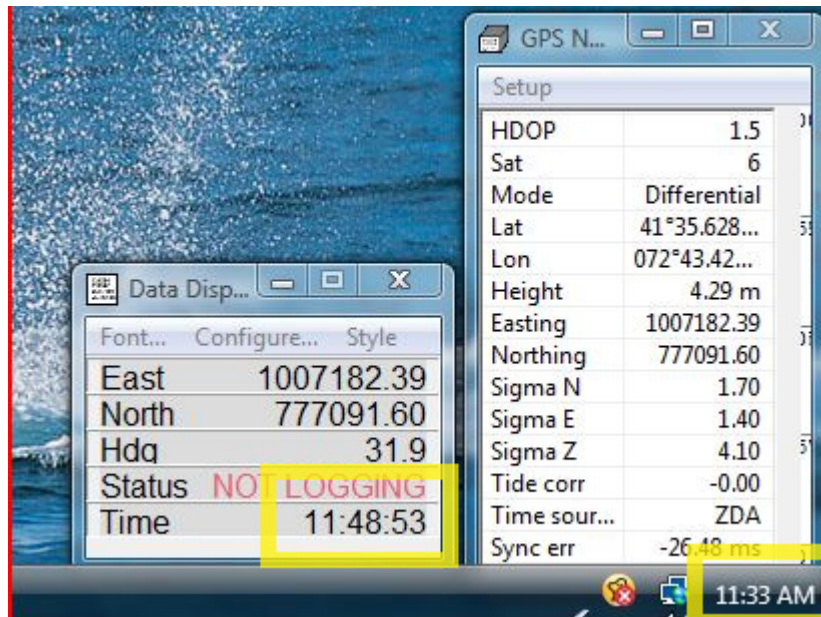
HYPACK® Time Synchronization with Windows® 7

By John Lindberg

It is always interesting to see what Microsoft is going to throw at you when they come out with a new version of Windows®. When the Vista operating system (Yuck, I still have nightmares about Vista!) came out we had customers trying to synchronize their PC to GPS time without any luck. That is when we found that there was something in Vista called the “User Account Control” that pretty much locked down your computer like a maximum security prison. Turning off the UAC would allow non-Windows programs to modify your PC settings like adjusting your computer clock.

In Figure 1, you will notice the time in HYSWEEP® SURVEY is different than the computer clock time.

FIGURE 1.

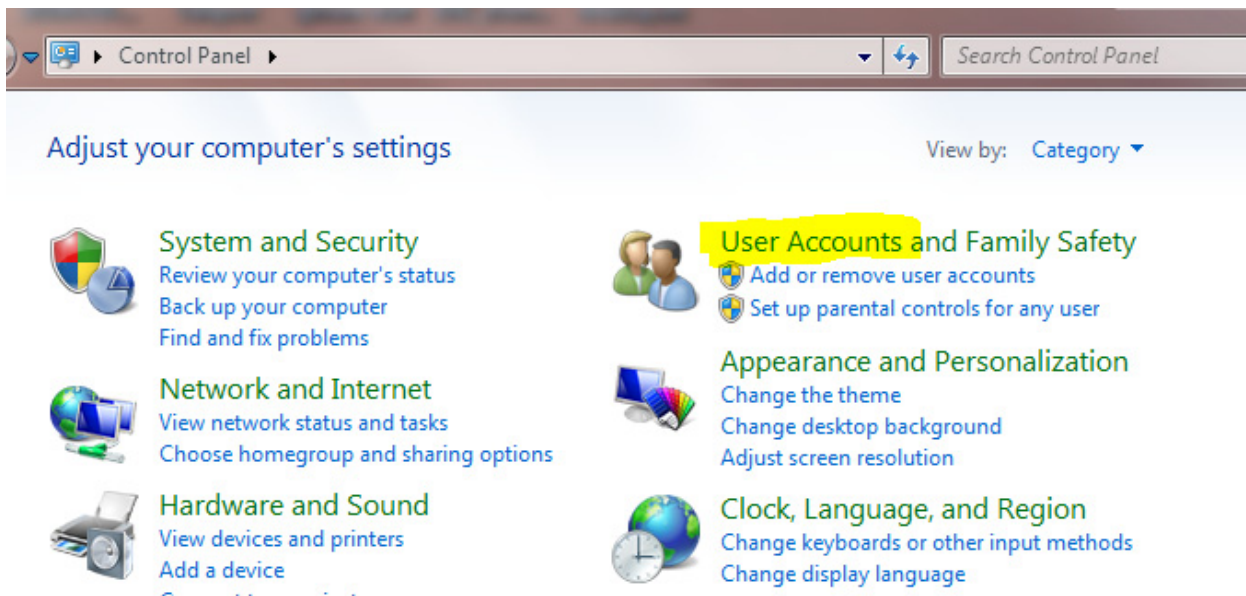


In this example, HYPACK® is actually synched to the GPS time, but the computer is not. If you are not familiar with HYPACK® timing, HYPACK® actually uses a clock model called ‘Veritime’ from which all devices get their time tags rather than using the PC clock time. So in this example all HYPACK® timing will be fine. Nonetheless, seeing 2 different times on your monitor will most certainly cause a stir with that client who is watching anxiously over your shoulder! In this case, you really need to get both clocks in synch and it is now time to turn off the User Account Control.

To turn off User Account Control in Windows 7:

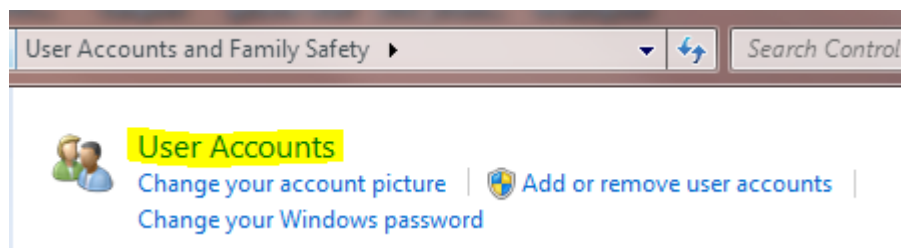
1. **Go to your Windows 7 Control Panel and click on USER ACCOUNTS AND FAMILY SAFETY** (You will require administrative rights in order to do this!).

FIGURE 2. *Selecting User Accounts and Family Safety*



2. Once you get to the next page **click on USER ACCOUNTS**.

FIGURE 3. *Selecting User Accounts*



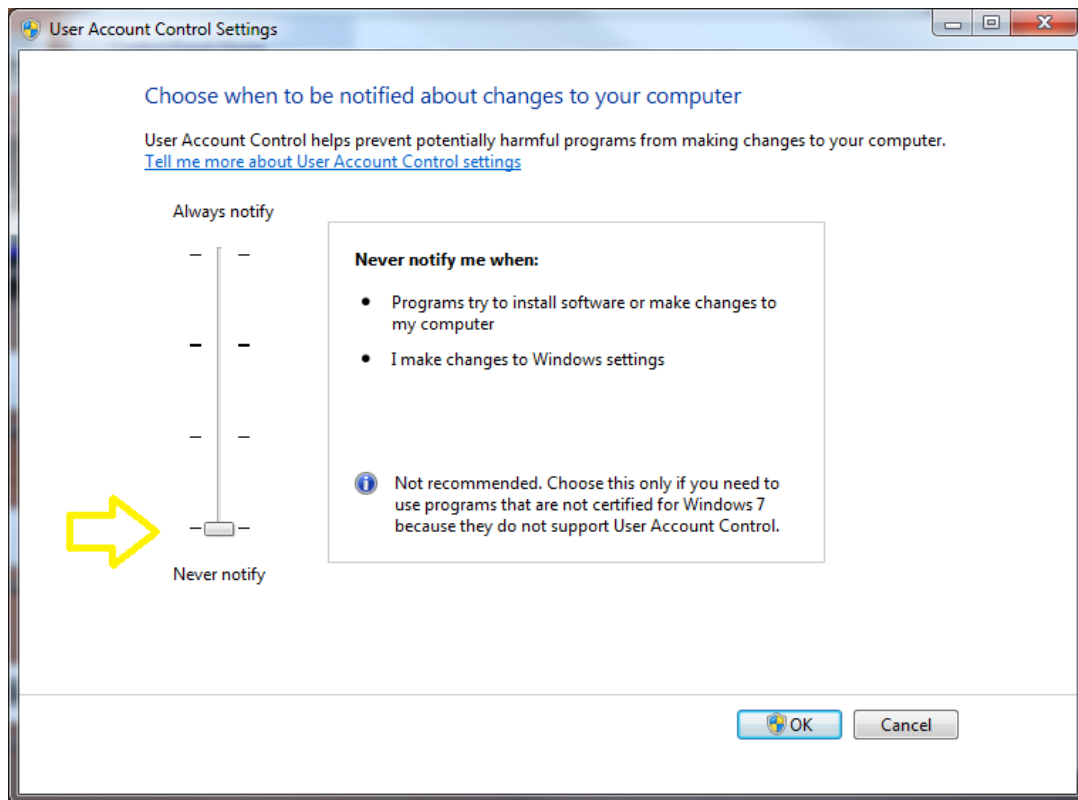
3. In the next page, **click on CHANGE USER ACCOUNT CONTROL SETTINGS**.

FIGURE 4.



4. On the next page, just **move the slider all the way down** as shown in Figure 5. Then click OK.

FIGURE 5.



Windows will prompt you to restart your computer and you will be UAC Free!
You will now be able to sync your PC time to your GPS time as shown below:

FIGURE 6. PC Time and
HYPACK® Time are Synchronized

