

Cow Sense® Product Support Bulletin

User Account Control in Windows 7 and Windows Vista

Discussion: Beginning with Windows Vista, Microsoft added a layer of security called *User Account Control (UAC)*. The purpose of UAC is to prevent changes to computer settings unless an administrative user physically at the computer's keyboard is the one making the change. It is a counter to certain types of "malware" (malicious software programs from email or the Internet). UAC imposes this restriction in part by opening a prompt on the screen that the user must acknowledge before proceeding. UAC also operates in the background on the computer in ways known only to Microsoft.

Cow Sense is one of numerous legacy programs that will not operate as currently released with UAC turned on. Microsoft anticipated the effect that UAC would have on legacy programs, and provided a simple way of turning UAC on and off. You must turn UAC off before operating or activating Cow Sense on your Vista computer.

Windows 7 has substantial improvements to User Account Control. It has a sensitivity setting, rather than just on or off. The added control reduces conflicts with intentional tasks and programs while maintaining a measure of added security. UAC must be at the lowest setting in Windows 7 to properly install and operate Cow Sense.

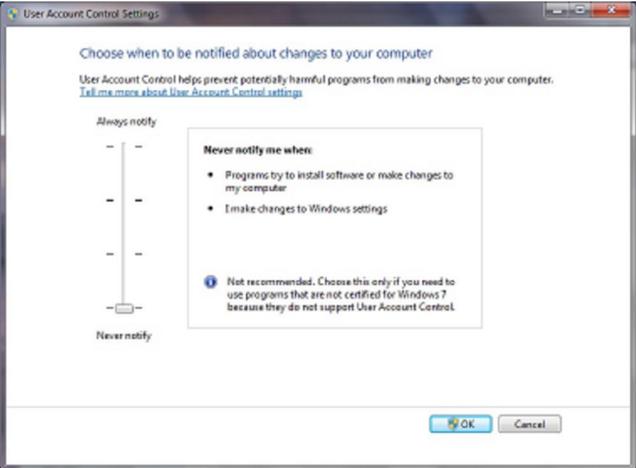
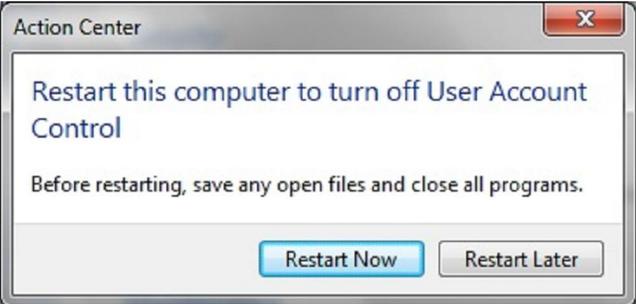
If you do not disable UAC before activating Cow Sense, your activation key will be invalid the next time you try to run Cow Sense. If you do not disable UAC while using Cow Sense, *even in the Trial Edition*, Cow Sense will freeze in certain operations like opening a herd file. If you wish, you may enable UAC when you are not using Cow Sense or other affected legacy programs.

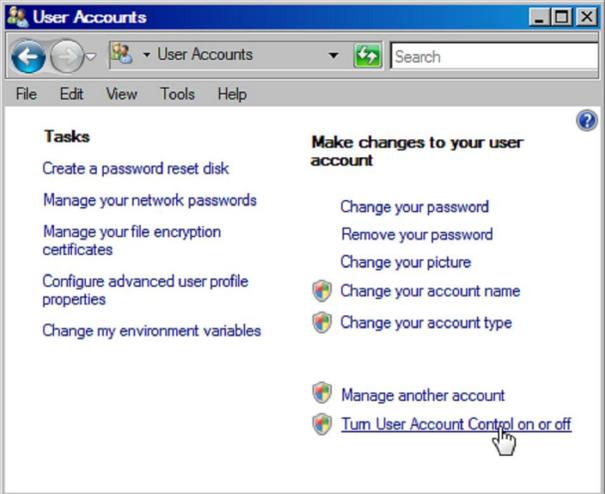
Please follow instructions below to properly set UAC while installing or using Cow Sense.

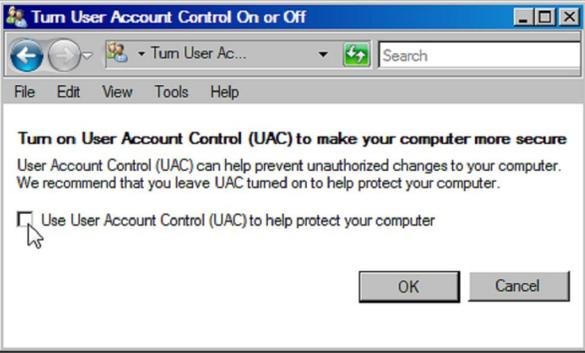
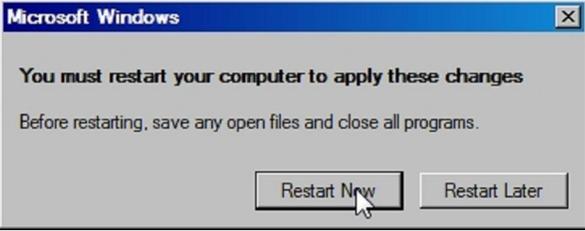
Document Number: **PSB011**
Issue Date: **11/08/2008**
Product: **Cow Sense®**
Version: **All**

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Windows 7 Example	Description
 A screenshot of the Windows 7 Start menu search interface. The search bar at the top contains the text 'account'. Below the search bar, a list of search results is displayed. The first result is 'User Accounts', which is highlighted in blue. Below it are three other results: 'Change User Account Control settings', 'Edit environment variables for your account', and 'Add or remove user accounts'. At the bottom of the search window, there is a search bar containing 'account' and a 'Shut down' button.	<p>Click the Start button in the lower left corner of your screen and type 'account.' User Accounts will appear on the list above. Click User Accounts to open the account management screen.</p>

Windows 7 Example	Description
	<p>In the account management screen, click Change User Account Control settings.</p>
	<p>Set the slider to Never notify. Click OK.</p>
	<p>Windows will ask for confirmation. Click Yes.</p>
	<p>Windows will prompt you to restart the computer so the change will take effect. Click Restart Now. Allow your computer to restart. Then proceed with Cow Sense Setup, or use Cow Sense if it is already installed.</p> <p>Follow the same procedure when finished with Cow Sense to advance UAC to the recommended setting.</p>

Vista Example	Description
 <p>A screenshot of the Windows Vista Start menu. The 'Control Panel' link is highlighted in blue. Other visible links include Microsoft Word, Microsoft Access, Paint Shop Pro 7, Windows Remote Assistance, Pasture Sense, Network, Connect To, Default Programs, and Help and Support. The taskbar at the bottom shows the Start button and a few application icons, including Jasc Paint Shop Pro.</p>	<p>Begin at the Start button and click Control Panel on the programs menu.</p>
 <p>A screenshot of the User Accounts screen. The 'User Accounts' link is highlighted with a mouse cursor. Below the link, it says 'Add or remove user accounts'.</p>	<p>Click User Accounts.</p>
 <p>A screenshot of the User Accounts screen. The 'User Accounts' link is highlighted with a mouse cursor. Below the link, it says 'Change your account picture' and 'Change your Windows password'.</p>	<p>Click User Accounts again.</p>
 <p>A screenshot of the User Accounts window. The 'Turn User Account Control on or off' link is highlighted with a mouse cursor. The window title is 'User Accounts' and it has a menu bar with File, Edit, View, Tools, and Help. The main content area is divided into two columns: 'Tasks' and 'Make changes to your user account'. The 'Make changes to your user account' column contains several links, including 'Change your password', 'Remove your password', 'Change your picture', 'Change your account name', 'Change your account type', 'Manage another account', and 'Turn User Account Control on or off'.</p>	<p>In the User Accounts screen, click Turn User Account Control on or off.</p>
<p>“Windows needs your permission to continue.” Click ‘Continue.’</p>	<p>If User Account Control is on, you will receive a message asking for confirmation to continue with the requested action. This type of confirmation is part of User Account Control. Click Continue.</p>

Vista Example	Description
	<p>Uncheck the box beside “Use User Account Control (UAC) to help protect your computer”</p> <p>Click OK.</p>
	<p>You will receive a prompt to restart your computer. You must restart before the change will take affect.</p> <p>Use the reverse procedure to turn UAC back on, if you need to, when not running Cow Sense or other legacy programs.</p>
	<p>In Windows Vista, whenever a user disables an important security setting, a Security Center Alert icon will be displayed in the notification area on the taskbar (next to the clock) with a warning message.</p> <p>These security concerns are relatively minor and can be safely dismissed, especially if the issue is purposely or intentionally done. In this case, the Window’s Security Center Alerts icon and message can be turned off so that the system no longer will trigger notification when a problem occurred.</p> <ol style="list-style-type: none"> 1. Click on Windows “Start” button, select “Control Panel,” and then “Security Center.” 2. Click on “Change the way Security Center alerts me” link in the left pane in the Windows Security Center. 3. Choose “Don’t notify me and don’t display the icon” option.