

The Platts Sarus Download monitor

The Platts Sarus Download monitor (*Checkdownload.exe*) improves the monitoring of the daily Platts data downloads and allows problems to be easily remedied by a user with little or no knowledge of the system.



Fig 1. Sarus programs on the Windows

The Download Monitor is launched by the Platts Sarus scheduler and sits on the Windows Taskbar. It continually monitors all the files and folders in the Sarus FTP Download folder and checks that all files are stamped 'Final' for each day and that the database has been updated from the files. It also notifies the user if a download needs to be performed.

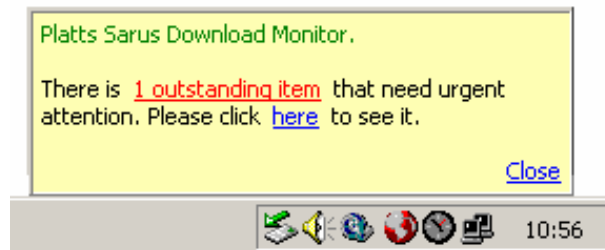


Fig 2. Download Monitor notifying user of a problem

If a problem is detected, the Download Monitor icon flashes red to highlight the fact and a popup message window appears with a link ('[here](#)') to click to display main window there the problem is problem. If it is not convenient to fix the problem, click on the close button to hide to popup window. The icon will continue to flash and if the problem is not manually (by clicking on the flashing icon), the popup will be displayed again in one hour.

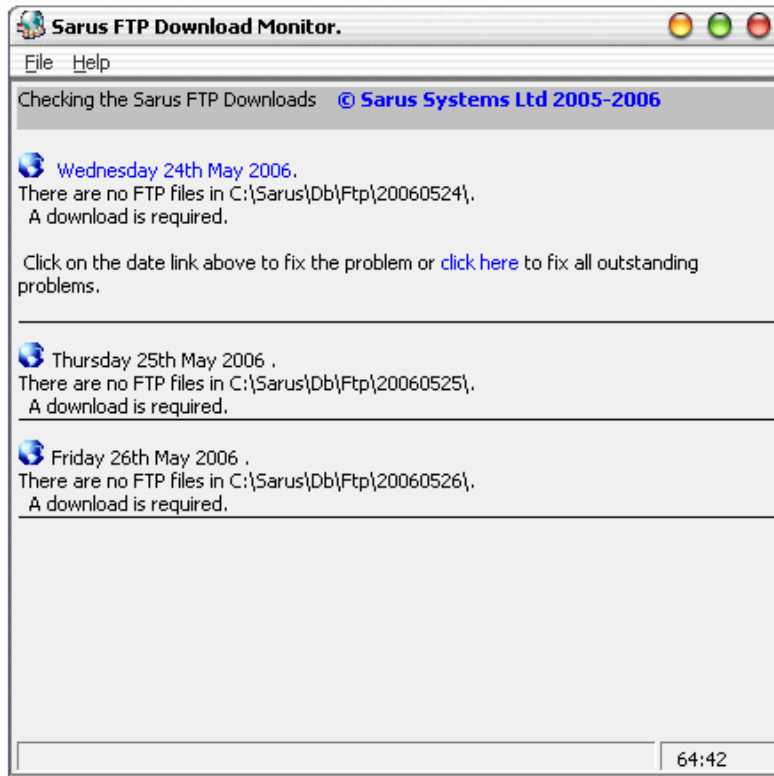


Fig 3. Download Monitor main window notifying the user of a problem

When you click on the link, the Download Monitor main window is displayed showing the problems that need to be fixed. In the extreme example above, no downloads have occurred for three days and the system notifies you of the 3 problems and shows the action that is required to fix each problem. These actions normally involve a download or a database update.

You can select to fix the top item by clicking on the link '[Wednesday 24th May 2006](#)' and the download will begin. When the download and database update have completed, the top item will be deleted. If there are no more items to fix, the window will disappear and the icon on the taskbar will stop flashing. If there are other items to fix, the next item is brought to the topmost position. And the cycle can begin again.

If there is more than one item to fix, you can click on the '[click here](#)' link (or press the F9 key) to repair all the problems. The system will fix each one in the right order with no user intervention. This feature is especially useful for people who have returned from vacation or were traveling.

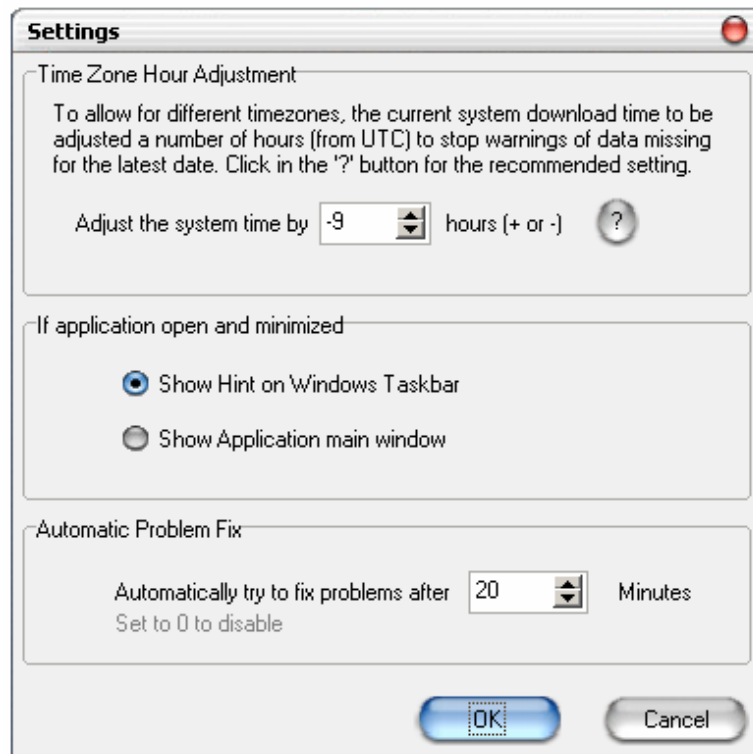
If for some reason an item cannot be fixed, the system will retry automatically after a predefined number of minutes (see the File/Settings menu below).

The Download Monitor program has a simple menu system that has 6 options.

The File Menu:

Settings

The settings menu lets you control 3 settings for the program.



- **Time Zone Hour Adjustment.**
This setting lets you adjust the number of hours difference from UTC or GMT to allow for your regional time zone. You can click in the '?' button to get the Windows reported difference with UTC. Please see the image above for more details.
- **If application open and minimized**
This option controls how the Download Monitor program notifies the user to a problem.
Select 'Show hint on Windows taskbar' to display the popup window or option 2 to have the main window displayed.
- **Automatic Problem fix**
When the user selects the fix all the problems link, this setting determines the number of minutes the system waits before automatically retrying if an automatic downloads fails.

Check Downloads

Click to manually have the system check all downloads.

Fix All Errors (F9 key)

This performs the same function as clicking on the fix all problems link.

Exit

Closes the program

Help Menu

Help

Displays a window with online help

About

Displays a window with the program version and date.