

# User's Guide

Version 1.4

## Introduction

**StatusTicker** is a Today Screen plugin that displays important system information on the main screen, in a concise and compact format. Valuable information such as battery power level, storage space, number of voice recordings, active internet connection, and number of unread inbox messages can be displayed in a small window on the Today Screen.

StatusTicker is strictly text-based, and doesn't clutter the Today Screen with large icons or buttons. Since screen space is a commodity on the Today Screen, StatusTicker will scroll the various system information in a small, compact window. This allows the user to quickly check the status of many system conditions while leaving room for other 3rd-party plugins to be displayed. The user can also tap on the screen and bring up an associated system control panel or application based on what is being displayed at that time.

## Installation

Note, StatusTicker is designed for the Pocket PC devices running the 2002 and 2003 OS. It will not work on the older 2000 OS devices.

The installer program for StatusTicker is contained in the [statusticker.zip](#) file, which you downloaded from either our web site ([www.scarybearsoftware.com](http://www.scarybearsoftware.com)) or another online vendor's site. Running the installer program called [statusticker\\_install.exe](#) on your Desktop PC will install the necessary files on your Pocket PC device when you make a valid ActiveSync connection between your device and Desktop PC. A soft-reset of your device after the installation procedure is required to ensure that the software is loaded into your device's active memory.

## Registration

By default, StatusTicker will be installed as a trial version, which will expire after 14-days from the original installation date. To permanently activate StatusTicker on your device, you'll need to purchase the software to obtain a valid 12-digit reg key code number. Entering this code number in the "About..." tabbed screen in the StatusTicker settings panel will convert the trial version of the software to the full version. Where exactly to put this 12-digit code number will be discussed later in this document.

## Features

Below is a general list of features for the StatusTicker Today Screen Plugin:

- Ability to display system status for the following:
  - Date and Time
  - Internal Battery Percent
  - External Battery Percent (for iPAQ 3600 and 5000 series devices)
  - Internal memory free space
  - Internal storage free space
  - External Storage card free space
  - Last ActiveSync date and time
  - WiFi Status
  - Internet Connection status
  - Number of Running Apps
  - Total Program/Storage Memory
  - Number of Unread Inbox Messages
  - Number of Voice Recordings
  - Device Owner Name
  - System Up Time
  - System Suspend Time
  - Next Event Alarm
  - Battery/Memory/Storage
  - Number of active processes
- Can specify what system info to display on the screen
- Displayed Text can scroll out from the center of the screen, from the right to left, or no scrolling
- Option for ClearType text support
- WiFi Status info available for Pocket PC's with builtin WiFi Transceivers and those connected to a WiFi CF Network Card
- Compatible with the Pocket PC 2002 OS skinnable Today Screen background
- Can display free storage space for all connected external storage cards
- Can tap the screen to pause current display, or advance to next display item
- Adjustable text scroll speeds
- User defined font size, color, and style
- Popup configuration panel
- Tapping screen will bring up an associated System Control Panel or Application

## Usage

The user can define what system information is displayed on the screen, as well as how quickly the information is scrolled from the screen, the font size and color, etc. Figure 1 shows StatusTicker on the main Today Screen with the "Date and Time" item displayed.

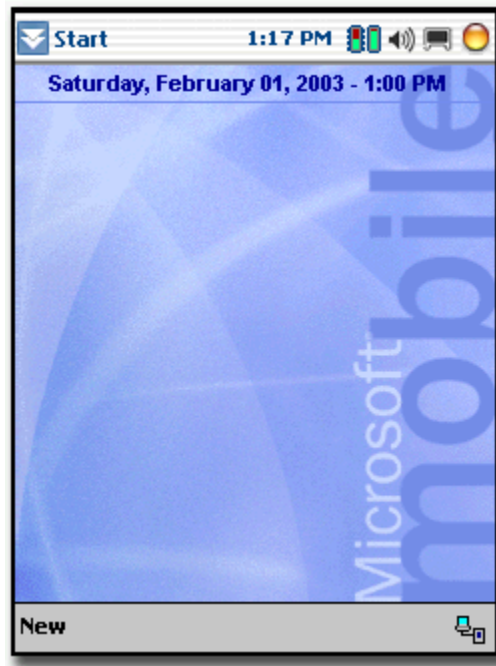


Figure 1  
StatusTicker displayed on the main Today Screen

StatusTicker can display a variety of different system information, which are listed below:

- Date and Time
- Internal Battery Percent
- External Battery Percent (for iPAQ 3600 and 5000 series devices)
- Internal Memory Free
- Internal Storage Free
- External Storage Card Free
- Last ActiveSynced
- WiFi Status
- Internet Connection
- Number of Running Apps
- Total Program/Storage Memory
- Number of Unread Messages
- Number of Voice Recordings
- Device Owner Name
- System Up Time
- System Suspend Time
- Next Event Alarm
- Battery/Memory/Storage
- Number of active processes

Examples of the displayed text is shown in Figure 2.

Saturday, February 01, 2003 - 1:00 PM	External Battery is at 54 %
Main Battery is at 94 %	Internal Storage free is 34.21 MB
Main Memory free is 9.21 MB	Last synced on 2/1/03 - 10:30 AM
Ext (Storage Card) free is 57.57 MB	Int Storage+Memory free is 43.23 MB
WiFi is On - Signal Level is 93	Number of Voice Recordings is 4
Number of running Apps is 4	Up time: 8 hours, 32 mins
Number of Unread Messages is 3	Suspend time: 12 hours, 6 mins
Owner is Mark Smith	Alarm(A): 11:00 AM - Meeting with Bob
Internet Connection Active	Batt: 100%   Mem: 15.4 M   Int: 12 M

Figure 2  
Possible display messages

Below is a detailed description of each possible item to be displayed:

**Date and Time** - The current date and time is displayed using the format defined by the device's system settings.

**Internal Battery Percent** - The amount of internal battery power remaining.

**External Battery Percent** - The amount of external battery power remaining (for IPAQ external battery)

**Internal Memory Free** - The amount of internal memory currently free.

**Internal Storage Free** - The amount of internal storage space currently free.

**External Storage Card Free** - The amount of free space on the connected external storage cards. If more than one storage card is present, each card will have a separate display.

**Last ActiveSynced** - The date and time of the last ActiveSync event with a Desktop PC.

**WiFi Status** - The current status of a WiFi Network device attached to the Pocket PC.

**Internet Connection** - Indicates whether there is a valid Internet Connection established with the device.

**Number of Running Apps** - Shows the number of currently running applications on the device.

**Total Program/Storage Memory** - Displays the total memory free between the the internal memory and storage space.

**Number of Unread Messages** - Displays the number of unread email messages found in the Inbox folder of all defined services.

**Number of Voice Recordings** - Shows the total number of voice recordings (files with the Recording\*.wav format).

**Device Owner Name** - Displays the current device owner name found in the registry file.

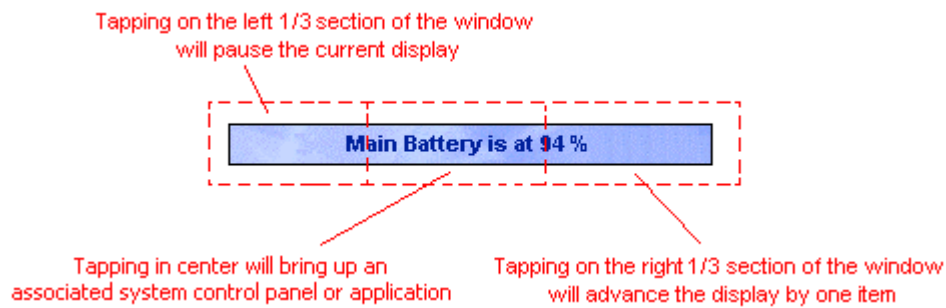
**System Up Time** - Shows the calculated time the device has been turned on and active. (Device must be fully recharged before up time will work).

**System Suspend Time** - Shows the calculated time the device has been turned off, and in suspend mode. (Device must be fully recharged before suspend time will work).

**Next Event Alarm** - Shows the next Event alarm(s) that are in the notification event queue. This includes upcoming appointments, tasks, and clock alarms (will only show event alarms due today).

**Battery/Memory/Storage** - Shows the current battery level, memory level, and storage level in a short, concise format.

Figure 3 illustrates the effects of tapping on the StatusTicker window,



**Figure 3**  
Tapping on the window

Tapping in the center of the screen will bring up an associated system control panel or application, based on what is currently displayed. Below is a list of what control panels or applications will come up when you tap on the window for the defined displayed item:

<b><u>StatusTicker Displayed Item</u></b>	<b><u>Associated Control Panel or Application</u></b>
Date and Time	Run Clock Application
Internal Battery Percentage	Power control panel is displayed
External Battery Percentage	Power control panel is displayed
Internal Memory Free	Memory control panel is displayed
Internal Storage Free	Memory control panel is displayed
External Storage Free	Memory control panel is displayed
Last ActiveSynced	Nothing
WiFi Status	Nothing
Internet Connection	Nothing
Number of running Apps	Memory control panel is displayed (Running Programs)
Total Program/Storage Memory	Memory control panel is displayed
Number of Unread Messages	Run Inbox Application
Number of Voice Recordings	Run the Notes Application for listening to wav files
Device Owner Name	Owner Info Control Panel is displayed
System Up Time	Nothing
System Suspend Time	Nothing
Next Alarm Event	Nothing
Battery/Memory/Storage	Nothing
Number of active processes	Nothing

Doing a "Tap-n-Hold" of the stylus to the window will bring up a popup window (Figure 4) allowing you to quickly make changes to what is displayed on the screen, and also allows you to bring up the settings panel for StatusTicker.

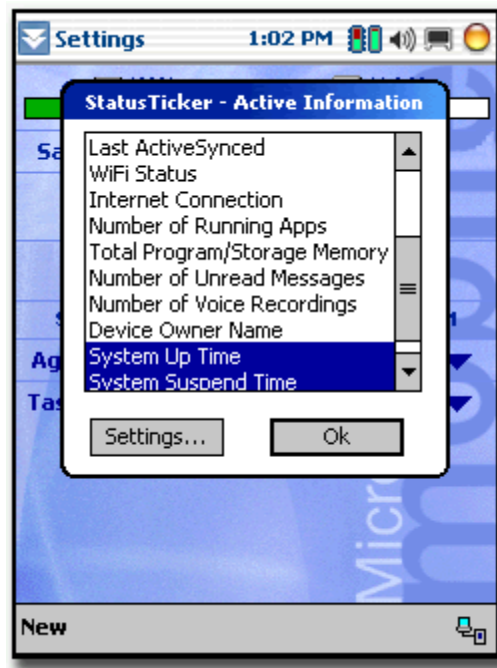


Figure 4  
Popup configuration window

## Settings

The settings panel for StatusTicker can be displayed in the same way as with all other Today Screen plugins (by selecting "Start Menu->Settings->Today->Items", then highlighting 'StatusTicker' in the list and tapping the "Options..." button). When you bring up the settings panel for StatusTicker, you'll first see a screen as shown in Figure 5 below:

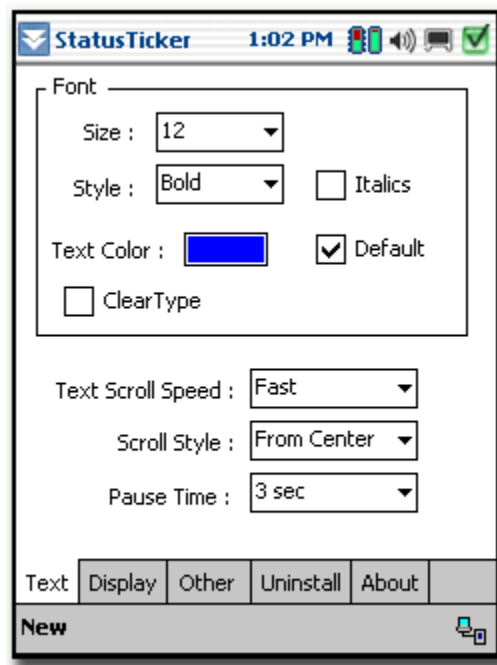


Figure 5  
Settings Panel – Text Screen

Under the "Text" tabbed screen, you can specify font size and style, text color (or use the Today Screen's default text color), and whether you would like to use ClearType text or not. You can also specify how quickly the display item text is scrolled onto the screen (or select "None" if you don't want any scrolling), how the text is to be scrolled (either "From Center" or "From Right"), and the "Pause Time" which is the length of time an item text is displayed on the screen before moving to the next item.

The "Display" screen (Figure 6) allows the user to select which system information to be displayed on the screen. Tapping the items and highlighting them will activate their display. The "Other" screen (Figure 7) allows the user to set the number of Alarm Events to show in StatusTicker.

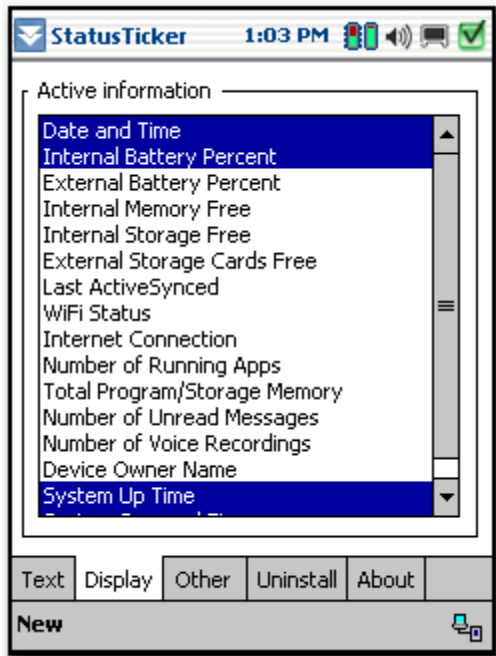


Figure 6  
Settings Panel – Display

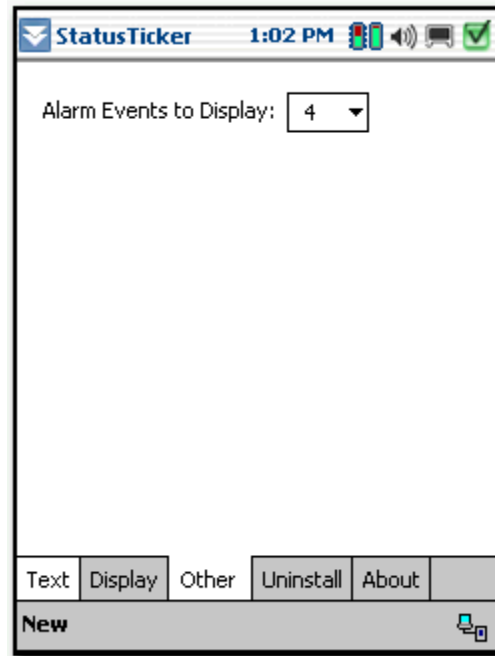


Figure 7  
Settings Panel - Other

Figure 8 shows the Uninstall screen, where you can tap the "Uninstall" button to remove StatusTicker from your device. Once you tap the "Uninstall" button and do a soft-reset on your device, StatusTicker will be completely removed from your device's active memory.

The last settings panel is the "About" screen (Figure 9), which displays the current version number of the plugin and has an editbox where you would enter a valid registration code to permanently activate the software on your device (you would obtain this registration code after you purchase the software).

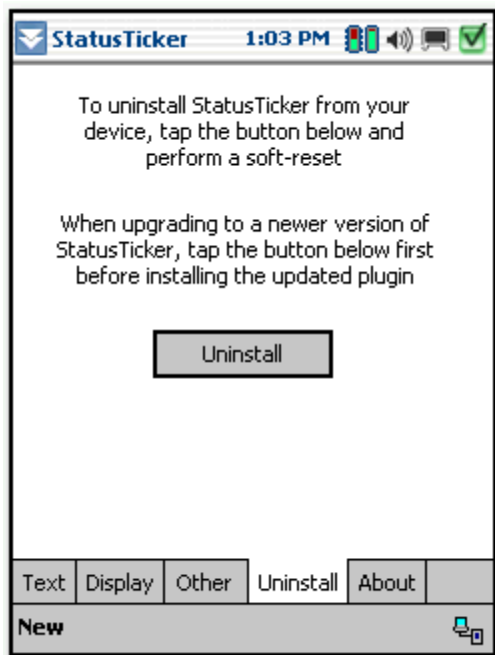


Figure 8  
Settings Panel – Uninstall



Figure 9  
Settings Panel - About

## Device-Specific displayed Information

Depending on the Pocket PC device you are using and the connected hardware, you may or may not have a need to display certain system information. Below summarizes the usability of certain display items:

**WiFi Status** - If you have a Pocket PC device that doesn't have a builtin WiFi transceiver or is not connected to a WiFi transceiver device, then the "WiFi Status" will always display "WiFi Off". If you have a Pocket PC device such as a Toshiba e740 (with builtin WiFi) or have a WiFi network adapter CF Card attached to your device, then you would see the following possible messages:

"WiFi On"  
 "WiFi Off"  
 "WiFi On - Signal level 94"

The "Signal level" text will only be displayed if the WiFi Tranceiver device writes the current signal strength level to the main Registry file on your device. Currently, the Toshiba e740 and the external D-Link WiFi Network Card should show the Signal Level when activated.

**Internet Connection** - If your device cannot make a valid connection to the Internet (or Network), the message displayed will show "Internet Connection Inactive". If your device can make a valid connection, it will display either "Internet Connection in Progress" (when it is trying to make a valid connection), or "Internet Connection Active" (for a valid Internet connection). For some GPRS devices, you may see "Internet Connection in Progress" if you don't have an active GPRS connection. Once you do establish a GPRS connection, the display should say "Internet Connection Active".



**External Battery Percent** - This feature will only work for the iPAQ devices that have an external battery pack on a connected accessory sleeve (iPAQ 3600 series or 5000 series devices).

**iPAQ File Store** - If you have an iPAQ device that has a defined "iPAQ File Store", it will show up as a external storage device. If you decide you do not want this device space to be displayed when you select "External Storage Card Free", then uncheck the checkbox marked "Show iPAQ File Store" in the Text Screen shown in Figure 5 (for non-iPAQ devices, you will not see this checkbox option).

## **Uninstallation**

If you have a need to uninstall StatusTicker from your system, you can use the standard "Remove Programs" utility provided on all Pocket PC devices. Once you go through the removal process, you'll be asked to do a soft-reset of your device to remove the StatusTicker plugin from active memory.

## **Final Comments**

Upgrades to StatusTicker are always free, and can be downloaded from our web site at [www.scarybearsoftware.com](http://www.scarybearsoftware.com). Your existing valid 12-digit reg key code will also activate any future versions. If you'd like to be notified of future updates to StatusTicker, you can sign up for the ScaryBear Software Newsletter from this link: <http://www.scarybearsoftware.com/newsletter.html>