# SCOTT CRAIG'S CONNECT-TIME MONITOR VERSION 2.6a
## Release Date - July 23, 1995
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## ANTI-VIRUS NOTE

All of the files in the distribution ZIP file have been scanned for viruses using two different Virus detection utilities.  If you should find a virus of any type in any of these files, please send me E-mail at: scraig@ix.netcom.com

| | |
|---|---|
| Include in the mail: | 1) The name and version of the anti-virus program that detected the problem. |
| | 2) The name of the virus |
| | 3) Exactly where you got your copy of my software |
| | 4) The version, date, time, and file sizes of the copy of my software |
| | 5) Any other information you can think of that might help track down where the virus got into the file |

## UPGRADES

This program is currently in a constant state of change.  This is due mainly to the large number of E-mail comments I have received from users requesting changes, additions, or modifications.  This program was initially released on June 4, 1995, and as of Version 2.6 it has undergone 9 version changes.  Each version change has included some "Bug" fixes (some minor, some major) and additions or enhancements.

The main reason for the upgrades though, has been user coments.  Any comments I receive are seriously considered.  They may or may not be included in a release, but they do receive serious consideration.  If a feature is important to someone, the least I can do is give it some thought.  I cannot add every request though.  Some additions would conflict with other additions.  Some would make things to complicated for the users.  But all-in-all, I have added about 75% of the features that users have requested, and I will continue with this practice.  If there is something you want added, drop me a line.  I may not add it, but I will think about it.

There is also a "Down" side to this.  With all the changes I make to my code, it is inevitable that I will do something on occasion that will cause a problem with something that was previously working.  While I do test everything as thoroughly as possible, and I also have a couple of people who have volunteered to

"Beta Test" things before I release them, sometimes things still slip through. I apologize for this, but it does and will happen. If a problem is brought to my attention, I fix it as soon as I can and upload the fixed version.

There is no "Commercial" version of this program. This is it, and what you see is what I've got. I always upload the upgrades to THE ULTIMATE COLLECTION OF WINSOCK SOFTWARE (TUCOWS) homepage first. This is an excellent source of Shareware and Freeware Windows and Winsock software, maintained by Scott Swedorski and Shawn Chittle. If you haven't been there, you need to check it out since it truly is a first-class page. The URL is HTTP://GFECNET.GMI.EDU/SOFTWARE/INDEX.HTML.

## INSTALLATION

Installation of this software is very easy since there are so few files involved. In fact, if you've gotten to the point that you can read this README file, the software is pretty much installed. When the ZIP file is extracted, you will see 5 files. They are:

CCM20.EXE      87,776 bytes      22-JUL-95 12:00am
CCM20.HLP      95,379 bytes      22-JUL-95 12:00am
FILE_ID.DIZ         306 bytes      22-JUL-95 12:00am
README.WRI  21,248 bytes      22-JUL-95 12:00am
CTL3DV2.DLL   21,648 bytes       8-AUG-93 12:00am

Use FILE MANAGER to see if you already have a copy of CTL3DV2.DLL in your WINDOWS\SYSTEM directory. **If there is already one there, delete the one that came with this software. DO NOT leave a copy of CTL3DV2.DLL in the directory that contains the program files!** Per Microsoft's logic that all Windows-related software should reside in the Windows directory, this particular file MUST be in the WINDOWS\SYSTEM directory (or whatever SYSTEM subdirectory you use for Windows). If it resides in a different directory, you will receive an error message stating that "This software uses CTL3DV2.DLL which has not been correctly installed", and the 3-D dialog boxes will not appear correctly.

Use FILE MANAGER to copy the program files to the desired directory, and then use FILE MANAGER to "Drag" CCM20.EXE onto the group that you want to execute it from. You can then execute the program by clicking on the icon. Be sure to read through the Help file to see how to configure the program to best suit your applications. It has several options, but is generally very easy to use.

## REVISION NOTES FOR UPGRADING FROM VERSION 2.0 TO VERSION 2.x

This version contains an Automatic Reset function for the totals and prime time. Before you enable this function, PLEASE see the note in the REVISION HISTORY for Version 2.3 below!

The INI file changed slightly between Version 2.3 and Version 2.4 to accomodate the additional days in the Prime Time definition. The first time you run Version 2.4, the values will be updated to the new format. You do not have to change anything manually.

The INI File was also changed from Version 2.1 to Version 2.3, however you do NOT need to change anything in the file yourself. When Version 2.3 is run, it will detect an older INI file, and convert it to the 2.3 format. If you decide to go back to Version 2.1, you will not have to change the file back. All new information was added to separate sections so it would be compatible with earlier versions.

There are numerous changes from Version 2.x to Version 2.4    See the Revision History section below for complete details. If you are already using Version 2.0 or 2.1, you may have noticed a problem that caused multiple INI files to be created. This has been fixed in later versions.

To prevent you from having to change all of your script files that call CCM20.EXE, the executable file for version 2.3 is also named CCM20.EXE, and the help file is still named CCM20.HLP. All you need to do is replace the existing CCM20.EXE and CCM20.HLP with the newer versions. This policy will be retained

throughout Version 2.x.

Hope you enjoy it!

Scott Craig     SCraig@IX.Netcom.Com
Nashville, TN   Scott.Craig@Nashville.Com

## REVISION HISTORY

Version 1.0 was a very simple little program, but due to requests by other users, and things I thought of myself, each release adds some new features.  It is becoming quite complicated for such a small program.  This list of revisions will explain what has been added between each version.

**Version 1.0   06/04/95**   Initial release of Version 1.0.

**Version 2.0   06/06/95**   Initial release of Version 2.0.  Added "Launch" capabilities, "Start Minimized", and "Edit" dialog.

**Version 2.0a  06/14/95**   Fixed a bug in the display function that caused a GPF when the total time exceeded about 10 hours.  I know better than to use 16-bit Ints for long values!

**Version 2.1   06/18/95**   Added a configurable MessageBox to display the session and total times if the program is exited when the CD drops.  Added the ability to remove a Connect without having to edit the INI file.  Revised Exiting logic.  Revised timers to resolve clock running slow, and added display update variable to the config dialog.  Fixed the problem that kept the Help file from being displayed when the Help button was clicked.  Since there was a probability that people have

already configured Script files to use the program name CCM20.EXE, the name of the executable and help files was not changed even though the version changed.

**Version 2.2a  07/01/95**   Added "Warning" functions.  The program can be configured to display a "Warning" when the end of your time period is close.  The Warning will turn the display characters red, and play a sound file.  The name of the sound file

can be specified in a configuration option.

Added an optional Prime Time section.  The program can be configured to check for Prime Time or Non-Prime Time.  The "Totals" section of the display can be toggled between the two values.  A red or green bitmap on the display indicates whether it is currently Prime Time or not.

Added option to allow the Icon to display either the Session or Total time.  If it is set to display the Total time, it will either display Total or Prime depending on the setting for the Totals section of the display.

Added an option to allow Sound files to be played when the timer starts and/or stops.  Configuration options allow the names of the files to be specified.

Fixed the bug that caused the Version 1.0 title to be displayed on the dialog after it was restored from an icon.

Completely reworked the timing functions to make them more reliable and accurate.

The Window position is now saved between sessions. A configuration option allows this feature to be turned on or off.

Added a configuration feature to keep the monitor on top of other windows (such as Help's Always On Top).

Revised the [LAUNCH] and [AUTO] button operation. Now, if the program is configured for automatic operation, and the [LAUNCH] button is pressed, the [AUTO] is automatically "Clicked" also.

Fixed the problem that caused multiple INI files to be generated.

Fixed the problem that caused the CLOSE selection on the System menu to be ignored.

Fixed the problem that caused the MAXIMIZE selection on the System menu to make that little dialog fill the entire screen!

Reworked the HELP file to make it more understandable, and added some configuration examples.

**Version 2.2b  07/02/95**  Fixed the problem that cause the Session time to get reset when the Total time was reset.

Fixed a problem that caused the Prime Time not to be detected and added properly

**Version 2.3a  07/08/95**  Shortened the configuration dialog so that it would fit on a 640x480 screen.

Fixed a problem that occasionally caused the control buttons to not be displayed properly.

Fixed the problem that caused the main dialog to be improperly sized when using "Large Fonts"

Added the Automatic Reset capability to the Total/Prime Time timer. They can be set to automatically reset on a Daily, Weekly, or Monthly basis.

Added a logging function. This function writes a log file into the same directory as the program, and keeps a log of all sessions.

**IMPORTANT NOTICE:** The Automatic Reset function has been tested as thouroughly as I can by changing the date on my system, and watching to make sure it resets at the proper times, and does NOT reset at improper times. The logic used, even though it sounds simple at first, is somewhat complicated. Resetting is easy, NOT resetting when it isn't supposed to was the tough part. For this reason, I STRONGLY recommend that you enable the LOG FILE function in the configuration options. Any time the program resets its timers, the values of the prime time and total connect time are written to the log file. If the program resets at the wrong time, you can retrieve the values from the log file and put them back using the EDIT function.

If you experience problems with this function, simply disable it in the EDIT dialog by selecting NONE for the reset type.

If you DO notice the program resetting at the wrong time (or for that matter if you see it resetting at the RIGHT time), please send me E-mail to let me know.   I really need some input from users to make sure this part is working right.

Note:  Version 2.3 was only distributed to a very few people.  I received a request to add additional days to the Prime Time settings, and had a problem with the Monthly Reset calculations, so it was not widely distributed.

**Version 2.4**     **07/09/95**     Fixed a problem in the Monthly automatic reset.  The date for the next reset was not calculated properly.

Changed the Prime Time Days from two radio buttons to seven checkboxes so that any days could be selected.

**Version 2.5**     **07/15/95**     Added switching icons.  There are 4 icons in the program that will indicate Normal operation, Prime Time, Non-Prime Time, and Warning. (this feature does not work under Windows 95 at this time).

Fixed a problem that caused the main dialog to be displayed off of the screen if the screen resolution was set high, and then reduced, and the position was saved near the high edges.

Revised the logic on the Prime Time Hours section to allow them to cross Midnight.  Some Internet Providers, I have been informed, have Prime Time hours that cross midnight, and users were unable to specify a starting hour later than the beginning hour.

Revised the dialogs to reduce the size slightly for those running 640x480 monitor resolution.

Added the ability to switch the Icon display between Session time and Total time by left-clicking in the main dialog section for the desired mode.

Added indicators (brackets around the section title text) to denote which mode the icon will be displayed in.

Added an LED Indicator for the carrier detect.  It is green when a carrier is present, and red when one is not.

**Version 2.6a**   **07/23/95**     For those who have requested it, I added an additional Iconic display mode.  You can now select the normal Icon display or a Floating Dialog. The Floating Dialog is a small dialog box that displays the desired time (Session, Prime or Total), and can be moved around on the desktop.  The position of this dialog is retained between sessions, so it will always be displayed in the same place on your desktop.

Fixed the memory leaks that were causing the program to allocate and never release some system resources.

Added several additional checks during program operation so that if system resources are low, the program will not cause a GPF.

Changed the format of the log file entries so  they use fewer lines.

Added the "Download Estimator" function to estimate the time required to

download a file.

Fixed the problem that prevented the session time from being reset properly when the [RESET] button was clicked.

Fixed a round-off problem in the display routine. The time is displayed a bit more smoothly now.

**What's Next?**     Many of you who are using this software have provided many very interesting possibilities for additions and enhancements. Many of them have gone into this and previous versions, and I plan to hold to this policy. If there is something that you want added, or something that you don't like, let me know. I don't promise I'll add everything that is requested, nor do I promise I'll fix everything that you don't like, but I will give your ideas serious consideration. Here is a list of some of the things that people have suggested (and a couple that I've thought of) that will probably be added in future versions:

**Log File Changes** - I've had several requests for different formats in the log file. Some people want individual log files for each "Connection". Others want separate log files for Prime Time and Non-prime time. Still others want a single-line entry with a fixed format (presumably to run into a spread sheet or something). What I have in mind is a configurable section that will allow you to select from several different log formats.

**Monthly / Weekly / Daily Sumaries** - Several people have requested a summary of daily and weekly usage.

**Automatic Minimize on Launch** - I've had a request to have the program automatically reduce itself to an icon when the [AUTO] or [LAUNCH] buttons are clicked.

**Stealth Mode** - No display at all while the program is running. This would be nice for parents who want to keep track of how much time is spent "Online" without any outward indication that the monitoring is taking place.

## MY THANKS
I have received a lot of E-mail from users of this software. Some of it good, some of it bad. To those of you who stuck it out through the bugs, my thanks. To all of you who sent me mail comments, good or bad, my thanks. To those who provided the ideas for most of the enhancements over the past month or so, my thanks. But most of all, to everyone who uses this software, and maybe gets a bit of enjoyment from it, my thanks!