SCOTT CRAIG'S CONNECT-TIME MONITOR VERSION 3.0.3
Release Date - December 17, 1995
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ANTI-VIRUS NOTE

All of the files in the distribution ZIP file have been scanned for viruses using Symantec's NORTON ANTI-VIRUS FOR WINDOWS 95 and the latest virus data files that they have available. Additionally, the primary upload site at TUCOWS also scans all incoming files. 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 is the third 32-bit version of a 16-bit program that was initially released on June 4, 1995. Since that time, the general format of the program has undergone many changes and upgrades.

The main reason for the upgrades, 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://WWW.TUCOWS.COM

INSTALLATION

I have included this information so that you will know EXACTLY what is being put on your system , and what files are being changed. There is nothing I hate worse than software that spreads itself across half my disk drive, and does not tell me what it has done.

Installation of this software is handled by Stirling's InstallShield SDK installer. You should expand the ZIP file into a temporary directory, then run SETUP.EXE to install the software. When the ZIP file is expanded, the following files will be present in the temporary directory:

_SETUP.DLL
SETUP2.DLL
SETUP.EXE
UNINST. EXE
_ISDEL.EXE
INST32I.EX
DISK1.ID
SETUP.INS
SETUP.ISS
_SETUP.LIB
SETUP.PKG
DATA.Z
README.TXT

and will require approximately 840kb of disk space. They can all be deleted once the installation is complete.

The installation will install the following files in the directory that you choose for the software:

CCM30.EXE   281,600 bytes   17-DEC-95 00:00am

CCM30.HLP	149,794 bytes	17-DEC-95 00:00am
README.WRI	23,040 bytes	17-DEC-95 00:00am
SURVEY.TXT	3,073 bytes	17-DEC-95 00:00am
DEISL1.ISU	size may vary	Current date and time

Additionally, the shared System file CTL3D32.DLL is included. It is the latest version of this file that I know of, and can be used to replace your current CTL3D32.DLL file if you allow it during the installation. The current version that you have will be compared to the new version, and if the new version is newer, you will be given the option of replacing the file or not.

The installation routine will also put a copy of UNINST.EXE in your Windows directory. This is done automatically by the installation program, and neither you nor I have any control over it.

The installation routine will also add two keys to your registration database. They are:

HKEY_LOCAL_MACHINE\Software\Scott Craig\CCM\3.x\LocalPath
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Uninstall\CCM30

The first one is used only to determine the path into which you installed CCM so that the next time you update the software, the current directory can automatically be located. You can delete the entire "Scott Craig" key if you want to, it will not affect the operation of the timer in any way. The only thing it will do is cause you to have to specify the desired directory the next time you install CCM.

The second is used only by the setup and uninstaller, and may be removed if desired, however you will not be able to automatically uninstall CCM if you do.

The installation routine will create a program group named "Connect Monitor" by default, or something else if you choose to change it. This group will contain shortcuts to all the sections of the program.

During the installation, you may receive a message that "MFC30.DLL exists on your system". This executable was compiled as a standalone application, however it can also be compiled to use the functions within the runtime library MFC30.DLL. If you already have MFC30.DLL on your system, it contains many of the functions that are compiled into the standalone executable. You could save about 140kb of disk space by using the "Shared" version of CCM30.EXE in place of the standalone version. If you do not already have MFC30.DLL, you would not accomplish anything by using the shared version since the DLL file itself is about 300kb in size. If you want the "Shared" version of CCM, send me an E-Mail message and I will send you the "Shared" version back as a binary attachment. Other than the reduction in file size, there are no other advantages to using the smaller version (there are no disadvantages either), so the choice is yours.

NOTE: This program was designed for systems running Windows 95 WITH DIAL-UP NETWORKING FULLY INSTALLED. If you have not COMPLETELY installed Dial-up Networking, you will receive a message when the program is started stating that it cannot find SVRAPI.DLL. The section of the HELP file entitled COMMON PROBLEMS AND SOLUTIONS explains how to resolve this problem.

I have included a text file named SURVEY.TXT with this release. If you would like to fill it out, I would certainly appreciate it, however it is completely optional!

REVISION NOTES FOR UPGRADING FROM PREVIOUS VERSIONS
The INI file for the 16-bit version can easily be used with this program if you have already been using it. All you need to do is copy (or rename) CCM20.INI to CCM30.INI.

To prevent you from having to change all of your script files that call CCM30.EXE, the executable file for all versions will be named CCM30.EXE, and the help file will be named CCM30.HLP. All you need to do is replace the existing CCM30.EXE and CCM30.HLP with the newer versions. This policy will be retained

throughout Version 3.x.

Hope you enjoy it!

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<u>REVISION HISTORY</u>

Since this is the initial release of Version 3.x, the Revision History is very short. In future versions, this section will list all changes and enhancements from previous versions.

Version 3.0.1 11/05/95   Initial release of Version 3.0. Virtually identical to the 16-bit version 2.8.4 with the addition of Dial-Up Networking Launch capabilities, and the ability to be minimized into the "System Tray" on the taskbar.

Version 3.0.2 11/12/95   Fixed a problem that prevented the sound file names from being read from the INI file properly.

Fixed the problem that prevented the carrier from being properly detected on some systems.

Fixed a problem that prevented the "All Days Are The Same" setting from being read from the INI file properly.

Fixed the problem (again!) that prevents the main dialog from not being the top-most window when the Stay On Top switch is turned off.

Fixed the problem that caused some of the text and bitmaps to have the wrong background colors when Win95 is using anything but the standard colors for 3-D objects.

Fixed a problem (hopefully!) that prevented some programs from being "Launched" properly either by using the [LAUNCH] button or a Batch file.

Added an option on the Dialing Dialog to automatically start dialing when it is activated from the [LAUNCH] button or by the Launch command being passed to the program.

Added a Redial function to help with busy lines.

Version 3.0.3 12/17/95   Reworked the Help file jumps so that the [F1] help function works more reliably.

Change the terminology in the Help file so that the timer refers to its configurations as "Setups" in place of the older "Connection" term to prevent confusion with Windows 95 Dial-Up Connections.

Fixed the problem that prevented changes to the configuration to be lost if the system was rebooted or shutdown with the timer running.

Fixed the problem that caused a main dialog "Ghost" to be displayed when the program was started as a Floating Dialog or taskbar tray icon

Fixed the problem that prevented the name of the clipboard capture file from being written to the INI file

Fixed the problem that sometimes prevented the last file in a Batch file from being executed properly.

Fixed the problem that prevented the resets from acting properly during the month of December.

Fixed the problem (again!) that caused the CONFIG and EDIT dialogs to remain on top of all other windows when the Stay On Top flag is set.

Fixed the problem (again!) that caused the Floating Dialog to always be on top even when the switch settings was turned off.

Fixed the problem that prevented some time values in excess of 100 hours from being allowed.

Fixed the problem that caused the program to exit when 1) A DUN connection was disconnected by the remote computer, and 2) The timer was set to exit when the carrier dropped. Now it will not exit if the carrier is lost while the dialing dialog is displayed.

Added a check of the Windows date format, and use this format when writing the dates into the log file(s).

Resolved the problem of the Floating Dialog always being the topmost window by putting an additional option on the DISPLAY page of the CONFIGURE dialog that will allow those who do not want it to be topmost to set it that way.

Revised the Startup logic to make the program start a little more cleanly. This seems to have resolved some of the interference problems that a few people were having with DOS communications programs after the timer closes.

Revised the arrangement of the text on the NORMAL iconic display so that the labels (i.e. Session, Today, etc.) are to the right of the time. This allows the time to be read easier on a crowded taskbar since the right-side characters are the ones that get truncated first.

Added a Daily Time warning.

Added a Carrier Delay function.

Added an installation program.

Added a Total Call counter for each Setup. This required a revision of the main dialog to accomodate the new information, and also a revision to the log file record format to accomodate the call count.

Added a "Roundup" value so that people who have calls limited in multiples of seconds (i.e. 30 seconds minimum) will be able to set the minimum time.

Added some additional message handlers to hopefully fix the problem of lost INI data if Windows is exited with the timer running.

"Prettied Up" the dialing dialog and moved the password, username and other controls to a separate Settings dialog.

KNOWN PROBLEMS

I'll be the first to admit that this program is not Bug-Free. Any programmer who claims that a program is 100% Bug-Free is far more confident than I as to the capability of ANY program to run properly on every combination of hardware and software.

Following is a list of "Known Problems" with this program. I hate the term "Known Problem" because it seems to indicate that I know a problem exists, yet am not doing anything to resolve it. This is not true. Every problem that is brought to my attention GETS attention. It's just that some things are more difficult to find a solution to than others. Since June, this project has gotten about 20 hours a week (and this is in addition toa full-time job, a family, and about an hour a day answering E-mail). The problems will get solved, but some will take some time.

Main Dialog Ghost	On a few systems, the Main Dialog does not disappear, nor is it accessible when the Floating Dialog or Taskbar Tray icon are used when the program is minimized. I'm working on this problem, but at this time, I am not sure what is causing it.
SVRAPI.DLL NOT FOUND	This file is apparently required by any program that uses the RAS functions to access Dial-Up Connections whether the functions within the program that actually use the DLL are called or not. What this means is that if you have not COMPLETELY installed Windows 95 Dial-Up Networking, you will receive an error when this program starts stating that it could not find SVRAPI.DLL. Luckily there is a pretty simple "Fix" to this problem. See the "Common Problems And Solutions" section of the HELP file for more information.
Working Directory	When some external programs are "Launched" using the [LAUNCH] button or a script file, the working directory is sometimes incorrect. I'm working on this problem, and hope to have it fixed for the next release
General	There appear to be some combinations of motherboards, serial ports, mouse drivers, and software that disagree with this timer. The symptoms are mouse "Lockups", or software that reports that the specified serial port is in use. There is a section in the Help file entitled "How CCM Detects A Carrier" that explains the method I use for detecting a carrier. The only resolution for the problem that I have been able to find so far is to not use the Auto Carrier Detect feature of the timer. While I readily admit that this pretty much defeats the purpose of an "Automatic" timer, I do not have any other solution at this time.
Parallel Port modems	Parallel port modems do not use the standard IBM-PC architecture to map the serial port registers, rather they use their own Windows driver. This is the normal, approved method of handling hardware for Windows, however my timer will not detect the carrier to one of these modems properly though. I am aware of the problem, and am trying to find a way to resolve the problem without interferring with any other Windows communications software.
Older CTL3D32 Files	Some older versions of CTL3D32.DLL have been known to cause problems with the video, especially when the timer switches to or from an Icon. The version that I provide with the software is, to my knowledge, the latest available, and it has been the solution to several user's problems with video and 3D rendering.
Windows NT	The only known problem running the timer under Windows NT other than those mentioned above, is that it does not automatically detect the carrier properly. There are some 32-bit API functions I hope to be able use to resolve this problem.

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!

Plus, my very special thanks to the people who have helped with "Beta" testing this and previous releases. Their patience through all the bugs and problems really helped get things smoothed out faster. Without their patient help, this program would not be what it is today.

The Beta testers for Version 2.8.6 and 3.0.3 were:

* Don Moe
* David Douglas
* Thomas Kuenzli
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* Martin Kirlow
* Eric Sisler
* Khoa Nguyen
* Wilna Wellenbrink
* Robert Small
* Barry Trotter