

Terminal Control Program (TCP)

DESCRIPTION

TCP Provides basic logon security and resource assignments for MODCOMP 16 and 32 bit systems operating under MAX IV and MAX 32.

TCP offers many of the features of other third party software with minimum cost and licensing constraints. The simplicity of TCP, the Source Editor compatible configuration file, use of standard Job Control procedures, and independence from File Manager make TCP easier to install and maintain than the processors, utilities, and procedures provided as part of the base MAX operating systems.

TCP is delivered with source, allowing the end user to customize the TCP software as desired. TCP is implemented in FORTRAN with a small number of assembly language routines providing low level interface to the operating system. The TCP documentation includes both a programmers reference manual and a users manual.

FEATURES

- » SED compatible Configuration File.
- » Uses changable passwords.
- » User status display.
- » Uses Standard Job Control Procedures.
- » Automatic Logoff for Stalled or Inactive Ports.
- » FORTRAN and Assembly Source Included for Unlimited Use and Modification at Single Site.

CONFIGURATION

TCP provides many user configurable parameters, specified in a Source Editor compatible file. These parameters include:

- » **System ID** - message displayed to all ports at system initialization time.
- » **Logon Prompt** - message displayed to a port to indicate logon request.
- » **Password Prompt** - message displayed to a port to indicate password request.
- » **Logoff Message** - displayed to a port as the logoff sequence is in progress.
- » **Logon Failed Message** - displayed when an invalid user name or password is entered. The message is not displayed until both name and password are displayed.
- » **Automatic Logoff Warning Message** - displayed to a port if no activity is present within a configurable time limit
- » **Automatic Logoff Warning Time** - the time in seconds between the Automatic Logoff Warning Message being displayed and the actual logoff of the user.
- » **User Profiles** - the characteristics of the individual users.
- » **Port Profiles** - the characteristics of the individual ports that the TCP software will monitor.

User Profile

The characteristics for each user can be specified in the Configuration File. These parameters are:

- » **Name** - the unique one to six character user name.
- » **Password** - a one to six character CAN coded password.
- » **Alias** - a one to six character CAN coded value that can be used as desired by the end user.
- » **Initial Procedure** - a one to six character CAN coded procedure name. This procedure is the procedure that will be passed to the users task upon user validation.
- » **Time Limit** - an integer value specifying the amount of time in seconds that the users task can remain dormant before the automatic logoff process begins. A value of zero specifies an unlimited time.
- » **Break Enable** - whether or not the break is enable when the user in logged on.

Port Profile

The characteristics of each port are specified in the Configuration File. These parameters include:

- » **Input and Output Device Names.**
- » **Root Task Name** - a one to six character task name

activated by TCP upon successful logon. Unlike TMP and TSX, the name is not limited to three characters.

- » **Load Module File** - a one to three character logical file name where the root tasks reside.
- » **Job Work (JW)** partition - a one to three character logical or physical partition where the root task will accept input from.

REQUIREMENTS

MODCOMP CLASSIC, CLASSIC II, 32XX, or 92XX.

MAX IV or MAX 32.

Optional FORTRAN 77.

ORDERING INFORMATION

6010-001 **TCP32**, MAX 32 - FORTRAN 66 Version.

6010-002 **TCP32**, MAX 32 - FORTRAN 77 Version.

6010-003 **TCP4**, MAX IV - FORTRAN 66 Version.

6010-004 **TCP4**, MAX IV - FORTRAN 77 Version.

TCP includes source, object, and documentation and is supplied with one year telephone support. Software available on PC compatible diskette (5.25" or 3.5" HD) or on 1600 bpi 9 track magnetic tape.

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Electronic Visions, Inc's products are of the highest quality and designed with the customers needs in mind. All products are delivered with a one year, return to factory warranty.

If you would like more information on this or any of the other products offered by Electronic Visions, Inc. please contact us at any of our offices listed.

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