SuperComm 2.2

Introduction-

 SuperComm is a full-featured CoCo OS9 terminal program, featuring:

 * proper support of very hi-speed MNP5 and v.32bis/v.42bis modems
 * ANSI-BBS terminal emulation, including ANSI 3.64 cursor control
 * On-the-fly port configuration, or autodialer configuration for each service
 * auto-login and keyboard macros to save keystrokes
 * User friendly file transfers with intelligent ASCII, faster Xmodem and
   Y modem(better than 900 cps), fully automated Zmodem (with sz & rz, optional)
 * Many 'perks'- online timer, online help, switchable keyclick, etc.

Setting up SuperComm-

 SuperComm is designed to run under the OS9 windowing system. The /w
descriptor and a spare window descriptor (w1-w15) must be available for
SuperComm's use. Also, a directory must be set up for the autodialer files.
Use makdir to create a /dd/SYS/DIAL directory.
 Then just copy SuperComm to the CMDS directory and set it's attributes
to executable. That's it!

 *Note: For faster thruput under Xmodem and Ymodem, install Bruce Isted's
VRN and /nil package in your os9boot. (also required for the online timer)

ADF files-

 SuperComm supports an autodialer with up to 30 entries. Besides dialing,
the adf files can be used to change communication parameters like baud
rate and parity, load in keyboard macros, and auto-logon.
 Each entry is a separate file in the /dd/SYS/DIAL directory. The name
you give each file will be displayed on the dialer's menu. To allow for multi-
word menu descriptions, the underline character is displayed as a space.
Each file should use the extention .adf (in lower case),and there should be
no other periods in the filename.
 These files are simple ASCII text lists with one entry per line. Use any
line editor or word processor to create them. Each line follows the format
parameter=value, with parameter being one of the 3 letter codes shown below,
and value being either a number or string. To include non-printable ASCII
characters in a string, use the backslash "\", followed by the printable
character whose code is $40 higher: ie \M becomes CTRL M, a carriage return.
To add a 1/2 second pause within a text string, use *. An escape code can
be sent with \^.

You don't have to include everything listed here in every adf file- only
those features you wish to use, or parameters that need changing from your
default setup. Do not include comments in .adf files.

------------------------- Dialing Commands --------------------------

```
ADS   any text string   The dial string (ie: atdt5551212) to send to modem
RTR     0-FF            Number of retries if no connect (MUST be at least 1)
RPS     0-FF            Time each try lasts
CNS   any text string   String to send right after connection is made
SSn   any text string   Search string for auto login (n=1 to 4)
RSn   any text string   Replies to the SSn strings (n=1 to 4)
```

------------------------- Port Commands ---------------------------

```
BPS     0-7             Baud rate (1=300 3=1200 4=2400 5=4800 6=9600 7=19200)
PAR   00,20,60,A0,E0   Parity (00=none 20=odd 60=even A0=mark E0=space)
WRD   00,20            Word Length (00=8bit 20=7bit)
STP   00,80            Stop Bits (00=1 stop bit 80=2 stop bit)
XON     0-FF            XON character
XOF     0-FF            XOFF character
```

------------------------- Terminal Commands --------------------------

```
TRM     0,1,2           Terminal Type (0=OS9, 1=ASCII, 2=ANSI)
ECH     0,1             Keyboard echo (0=off, 1=on)
HEK     0,1             Host Echo (0=off, 1=on)

LNF     0,1             Line Feeds added (0=off, 1=on)      -or use:
RLF     0,1             Line Feeds added to received text
TLF     0,1             Line Feeds added to transmitted text

CLK     0,1             Keyclick (0=off, 1=on)
KMx   any text string   Keyboard Macros (x= 1 to 8)
```

 Here is an example of a adf file. This one uses default parameters for the
port and terminal type.

```
ADS=ATDT1234567        tone dial 123-4567
RTR=2                  try twice before giving up
RPS=15                 how long to let it ring
CNS=\*\*o\M            after connecting, wait 1 second, then send "o<RETURN>"
SS1=Please Login       Look for the words "Please Login"
RS1=delphi\M           if "Please Login" is received, send "delphi<RETURN>"
SS2=Username           Look for the word "Username"
RS2=JohnDoe\M          and send "JohnDoe<ENTER>"
KM1=read new ft quote\M   Keyboard Macro1-sends this when alt-1 is pressed
```

Starting SuperComm-

 SuperComm [port] [f=pathlist] [buffersize]

  port   Optional port specification. SuperComm defaults to /t2

  f=pathlist   Opens a capture buffer on startup.

  -f=pathlist   Set up (but don't open) a capture buffer.
                  (See Buffer Capture, in the File Transfer Menu)

  buffersize   Expands the buffer beyond the default size of 2K. This
                  applies to all downloads, not just the capture buffer.

 In addition, there is a bug in Tandy OS9 that affects SuperComm's operation.
When running under an unpatched system, add full redirection to the end of
command line: SuperComm <>>>/w&. On many patched systems, this is not required.

Using SuperComm-

 The startup screen displays the version number and copyright information.
Press the spacebar to continue. SuperComm will link to the port selected
and enter terminal mode.
 To send commands to SuperComm, hold down ALT and press a letter key. F1 will
display a help file of the ALT-letter commands shown below.

 -------------Terminal Commands:

Dial   ALT a   Calls up a menu of all your adf files. Use the arrow
                        keys to select, ENTER to dial. Pressing the spacebar
                        will abort the dialing process. To dial without an
                        adf file, just type the modem command directly from
                        terminal mode- ie: atdt5551212

Hang Up   ALT h   Either drops DTR momentarily or sends hangup command
                        to modem. Select method from Options menu.

Terminal Type   ALT t   Displays the current terminal type. Press spacebar
                        to step between OS9, ASCII, or ANSI. ENTER to select.

Online Timer   ALT i   Stop, or reset and start timer.

Clear Screen   ALT c

Quit   ALT q

```
Buffer          ALT m    Toggles the buffer off/on. A blinking B in the
                         upper right corner means you are capturing, a
                         solid black one signifies the buffer is not active.
                         To use, must have opened a file from command line
                         or File Transfer Menu.

Conference      ALT z    Opens a split window. What you type appears on the
                         bottom 2 lines, and is sent only when you press
                         ENTER. Everything else appears in the main window.
                         Another ALT z returns to normal.

Downloads       SHIFT down  Call File Transfer Menu (see below)

Uploads         SHIFT up  Call File Transfer Menu (see below)


-------------System Access

Chd data dir    ALT d    Select new directory.

Shell access    ALT s    Gives you full access to a shell from SuperComm's
                         window. Use CTRL ESC to return to SuperComm.

Reset Palettes  ALT r    Restore the original screen colors.

-------------Port Set Up:

Baud Rate       ALT b    Displays current baud rate. Press spacebar to cycle
                         between rates, ENTER to select.

Options         ALT o    Use arrow keys to select param to change, spacebar
                         to cycle through choices. Enter to make changes.

Update          ALT u    Saves the values chosen above as the new defaults.



*******************       File Transfer Menu       *********************

 Use arrow keys to point to one of the following. Enter to select.

Buffer Capture           Opens a file for text capture, or sends an ASCII
                         file without error checking. SuperComm will write
                         to this file each time the buffer fills. ALT-m
                         toggles capture on and off. To close while online,
                         select ALT f again.

XModem                   128 byte block Xmodem send or receive.
```

XModem 1K   1K block Xmodem send or receive. Sometimes called
                             Ymodem.

YModem-batch   The full Ymodem protocol. Will not be asked for the
                             filename(s) on receive, and can receive more than 1
                             file (ie: use 'down all' on Delphi to get entire
                             group at once). To send, type each name at "file:"-
                             type enter at "file:" to send the group.

ZModem   Manual Zmodem send or receive.
                             ZModem is not built into SuperComm, but it will use
                             rz and sz (uploaded by Paul Jerkatis 5/24/91) if
                             in the cmds directory. Zmodem can be made automatic
                             from the option menu.

Notes-
 SuperComm is compatible with ACIAPak, SACIA, and DACIA. For 9600 baud file
transfers, use a driver with at least 180 bytes of buffer space, such as
SACIA.
 For baud rates of 2400 or less, SuperComm resets the port speed to match
the connect speed. Faster baud rates are not reset, to allow modern hi-speed
modems to work properly.
 SuperComm supports 8 keyboard macros, but if you frequent many different
forums this may not be enough. There is a way to get more- make up a new
adf file, with RTR and RPS both set to 0. This adf, when selected, will not
dial out, but will replace the keyboard macros and search/reply strings
previously loaded.

                     Table- Arrow Key Actions and Codes

          | (all modes) | (ANSI only)
          | |
          | Normal   Shifted | Alt   Ctrl
-------+--
  up | cls   upload   cursor up   home cursor
       | $0C   ESC[A   ESC[H
       |
 down | cursor down   download   cursor down   end
       | $0A   ESC[B   ESC[K
       |
 left | backspace   ASCII Del   cursor left   delete char
       | $08 $7F   ESC[D   ESC[P
       |
 right | cursor up   cursor right   insert char
       | $09   ESC[C   ESC[@

 On the Puppo adapter page-up and page-down are used for upload/download. Also,
the Delete and Insert Keys send the corresponding ANSI codes.

 Under OS9 and ASCII mode, ALT-up and ALT-down can be used for upload/download.

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Minor typos found on the original document corrected to improve readability, added page numbers (total 6 pages with present addendum) - adjusted font and size to 10 Courier New on this.

No changes at all in grammar.

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