

Comdata

Credit and Debit Card Networks

Version 006

for Site Controller II version 2.2 and above

part number: C35903

Gasboy CFN Series

Comdata 006

Credit and Debit Card Networks

Site Controller Version 2.2 and above.

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C35903

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REVISION RECORD OF THIS DOCUMENT		
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C35903	March 8, 1999	Version 2.2 and above
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Site Controller II Related Publications

Site Controller II - version 2.2 and later

<i>Part No.</i>	<i>Title</i>
C09212	SC II Manager's Manual 2.2
C01918	SC II Installation Manual
C09213	SC II Configuration Manual, version 2.2
C09159	SC II Pocket Reference, version 2.2
C09204	Check Point Reference Manual
C35745	Profit Point Clerk's Manual - Modular series
C35746	Profit Point Reference Manual - Modular series
C09205	Enhancements Between Versions 1.0-2.0
C09215	Point of Sale and Shift Change, version 003

Credit and Debit Card Networks

C35931	Amoco/DataCard	C35908	PaymenTech (formerly Gensar)
C35901	Buypass	C35910	NaBANCO
C35902	ADS-Citgo	C35911	NDC
C35903	Comdata	C35913	Sinclair
C35904	EDS-CCIS	C35914	SPS/Phillips
C35905	FDR	C35915	T-Chek
C35906	ADS-FINA	C35916	UFDA
C35930	Gasboy Dial	C35917	VDOT
C35907	Gascard	C35918	VisaNet
C35909	Generic Dial	C35919	ADS-ZION

Forms, Quick Reference, Tutorials

C09134	SC II Configuration Order Form
call	SC II Sample Reports

Pump Interface

C09146	Pump Interface Manual
C01745	Current Loop Interface Unit Manual
C35849	SDI/Wayne CAT Interface
C35924	SDI/Unitec Interface
C35933	Insight Interface

Card Encoding and Miscellaneous

C09136	CFN Series Clubcard Format
C01687	CFN Series Card Encoding Manual

Remote Communications

C09137	SC II-Host Communications
C09138	SC II Raw Mode Communications
C09140	Applications Guide for Host-SC Communications
C09141	PC/SiteControl User's Manual

Technical Publications

internal	SC II Technical Manual
C01759	CFN Diagnostic Manual

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006 Comdata

If you are connecting your site to Comdata for card verification, use this manual for reference.

Note: Comdata only accepts fuel.
No on-line help (?) is available.

Cards accepted

Comdata only accepts Comdata cards.

Preparing for configuration

Before you configure, you must find out the following information from your Comdata representative:

- Your five-character terminal ID.
- The phone number you dial for dial-in authorization from the Comdata network computer.
- The baud rate for the modem communications.

You will need a modem for authorization. This is in addition to a modem used to poll transactions.

Determine the Site Controller port to be assigned to connect to the Comdata host, and connect that port to a Hayes modem capable of communicating at 1200 baud or a modem that is 100% compatible with the Hayes standard. Use the Dialout Modem setup program to configure your modem.

Dialout Modem setup program

Type the command MODEMS to display the modem setup program.

```

                                Dialout Port Setup Program (001)
                                Dialout Port Setup
Host          Port      Baud      Modem
-----
  1           0         1200     Hayes Optima
                                #          Modem
                                -----
                                0 User Defined
                                1 Hayes 1200
                                2 Generic Hayes (Smartmodem/Accura)
                                3 Hayes Optima
                                4 Hayes Accura 14.4 (5611)
                                5 Hayes Accura 33.6 (5914)

Enter Modem #, P)ort B)aud D)own U)p H)elp Q)uit

```

Select one of the listed modem options by entering the number and pressing **ENTER**. When you select a number the program will display your selected modem at the top page and at the top of the list. If your modem is not one of the first 4 listed, press the **D** key to scroll down the list of modems. To move up through the list, use the **U** key.

Once you have selected the type of modem, check the Port setting and Baud rate.

Change the Port setting by pressing **P** and . The following line is displayed:

Modem goes to Port Number?: Enter your port number for this modem. For example, entering a 0 (zero) will set the port to 0. Once you select to change this field, you must enter a number. You cannot bypass this option by pressing , there is no default. For SCIII, available ports are 1-6 (zero disables).

Change the Baud setting by pressing **B** and . The following line is displayed:

Baud rate? [1-300 2-1200 3-2400 4-9600]: Enter the number representing the baud rate. Comdata requires a setting of 1200 baud. Entering 2 will set the baud rate at 1200. Once you select to change this field, you must enter a number. You cannot bypass this option by pressing , there is no default.

If you need more information, press **H** and to review the Help information.

When you have entered your settings, press **Q** to quit. The program will display the settings that you have selected and the following line will be displayed:

Enter E)dit S)ave Q)uit: Press **E** to return to the menu to change settings, **S** to save the settings or **Q** to quit. If you choose to quit without saving, the program will display **New Setup not saved. Save it? [Y/N]**. Select **Y** to save or **N** to quit without saving settings.

Configuring the Site Controller

Your Gasboy authorized service representative will configure your Site Controller. Before the service representative begins, make sure you have collected all the information that will be used for configuration.

System parameters (SYS_PAR)

Enter the following settings in the system parameters.

Reader verification - page 4

Use remote verification: **credit**
Use local verification: **club**
Check mod 10: **none**
Check expiration date: **club (optional)**
Require PIN: **none**

Console verification - page 5

Use remote verification: **credit**
Use local verification: **club**
Check mod 10 (console): **none**
Check expiration date (console): **club (optional)**
Require PIN: **none**

Serial port configuration - Page 8

Host handler channel: The number of the port used for communicating with the Comdata network. This is the same port you connected to the modem. The default port # is none.
Host router data: The five-character terminal ID received from your Comdata representative.
Host handler baud rate: The communications baud rate received from your Comdata representative.

Send requests to host handler: Set to 4 for Credit.

More router data: This field is to be specified by your network representative. If first character is C, include fleet fields such as odometer and vehicle number. If the second field is N, do not include the Gasboy message identifier at the head of network messages.

Host Handler Data: Two two-digit numbers; the default numbers are 00 and 20. Enter the numbers by typing:

00 20

(Repeat as needed to exit *host handler data*.)

The first two digits are 01 if your modem is a Hayes 1200, 02 if your modem is a Hayes 2400, 03 if it is a Hayes Optima, 04 if it is a Hayes Accura 14.4 or 05 for a Hayes Accura 33.6 (this will be set by the MODEMS.BIN program).

The second two-digit number is a hexadecimal value for the number of seconds to allow for the carrier to be received. The default 20 sets it for 32 seconds. Setting it for 10 would make it 16 seconds, 18 would be 24 seconds, 28 would be 40 seconds, and 30 would be 48 seconds.

The fifteenth two digit number is 01 if debug output to local port, 02 if debug output to disk, or 03 if debug output to local port and disk.

The sixteenth two digit number is 01 if debug, else 00.

Receipt configuration - Page 12

Print manual # on receipt: **No.**

Console (CONSOLE)

Allow Hand Entry of Card Data: **Yes.**

Island card reader (READER)

The Select Pump step must be before the Verify Card step.

Tables (TABLE)

The router table must have at least **2272** entries.

TRFMT - Local transaction printout format

The following are not available for the transaction printout: Vehicle Number, Driver ID, Trailer Number, Trip number and auxiliary info. Trailer hours are stored in auth code (change the label accordingly if you want it printed out).

Special system setup

LOAD PHONE

After configuring the Site Controller, use the command LOAD PHONE 3 to load the phone number supplied by Comdata into the Site Controller. For example, LOAD PHONE 3 1-901-555-1212. The backup phone number can be loaded using LOAD PHONE 4.

LOAD SITE

Use the LOAD SITE command to set the offline amount to \$999.

Settlement for Comdata

How settlement works

There will be a settlement done with Comdata once a day, and this is accomplished automatically with the use of a cron command. Settlement is done to post the day's sales for billing and to check the system's totals against Comdata to verify that the systems agree. The manager should pay attention to the settlement reports and contact Comdata if there is any discrepancy.

Create a cron entry so the Site Controller will automatically execute the user-defined COMSTL (standing for Comdata settle) command at 12:01 a.m. Central time. For example:

```
LOAD CRON 1 @0001 -comstl
```

Note that sites in the Eastern time zone would use @0101, Mountain would use @2301, and Pacific would use @2201.

If you do not accept club cards, the file to be executed by the cron should look like this.

If you do accept club cards, you do not need either the cron or the above file.

```
*Comdata daily report
reset totals
purge site
en dump comstl.log
print summary;a y
print quantity;a y
disable dump
log file comstl.log
```

Using COMDATA

You can use the command COMDATA to print and modify your Comdata configuration information. The command line format of the program is:

```
COMDATA [;I] [-S] [-U] [-R file] [-W file]
```

The I option initializes the current Comdata configuration. Other valid options are:

- S Prints current Comdata configuration.
- U Allows user modification of configuration.
- R Reads configuration from given file.
- W Writes configuration to given file.

When using the -U option, make changes for an entry, or press to leave the field unchanged.

The fields that can be changed are:

- product numbers for fuel types,
- message displayed when Comdata is down, and
- what customer information should be prompted (all responses are printed on the receipt).

Here is an example of the Comdata configuration report:

```
Current Comdata configuration:
Product for Diesel #1 [1]:
Product for Diesel #2 [2]:
Host down error message [Call 1-800-COMDATA]:

#  Type          Enabled  Prompt
==  =====  =====  =====
1.  Hubometer     Yes      Hubometer #?
2.  Driver        Yes      Driver #?
3.  Vehicle       Yes      Vehicle #?
4.  Trailer       Yes      Trailer #?
5.  Trailer hours Yes      Trailer hours?
6.  Trip          Yes      Trip #?
7.  Refer fuel    Yes      Refer fuel?(1=Y,0=N)

Enter prompt # to modify or Return to exit:
```

Error message

Infrequently, Comdata may initially authorize the use of a card but then, after the transaction is completed, reject that transaction. In this unlikely event, you will see this message:

Comdata rejected #####: 'error message'

where ##### stands for the number of the affected transaction, and error message stands for a specific error message from Comdata.

If this situation occurs, make a record of the error message, and contact your Comdata representative to find out what to do next.

When you first set up your site for Comdata verification, you may see this message:

Router table min = #####

where ##### stands for a four-digit number. If this message appears, set the size of the router table to the number indicated.

The transaction pointer

If you are not regularly polling and resetting the transaction pointer, then you should run the PURGE SITE command once a day so you do not fill up the Site Controller's memory.

When new software is loaded (using reboot;a) it may be necessary to run "fix tran;i" to clear the MEMORY FULL condition.

Off-line operation

Rarely, the Comdata network may go down and be unable to verify cards. After Comdata goes down, the Site Controller will automatically approve either the first 10 card transactions or all card transactions in the first 60 minutes, whichever comes first. After 10 transactions or 60 minutes, the Site Controller will deny all card transactions.