

# **Generic Dial Credit and Debit Card Networks**

**Version 007**

**Site Controller II**

**Versions 2.2 and above**

**part number: C35909**



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**Gasboy CFN Series**

**Generic Dial 007**

**Credit and Debit Card Networks**

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**Site Controller II Versions 2.2 and above**

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**C35907**

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<b>REVISION RECORD OF THIS DOCUMENT</b>		
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# Site Controller II Related Publications

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## *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	Gensar
C35901	Buypass	C35910	NaBANCO
C35902	Alliance-Citgo	C35911	NDC
C35903	Comdata	C35913	Sinclair
C35904	EDS-CCIS	C35914	SPS/Phillips
C35905	FDR	C35915	T-Chek
C35906	BSI-FINA	C35916	UFDA
C35930	Gasboy Dial	C35917	VDOT
C35907	Gascard	C35918	VisaNet
C35909	Generic Dial	C35919	BSI-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

## *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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# 007 Generic Dial

If you are connecting your site to a network which supports the Gasboy generic dial authorization network interface for card verification, use this manual for reference. This was previously designated as the ITS Dial-Up network.

The Gasboy Generic Dial software now complies with the new VISA restriction on the credit card account printed on Island receipts. Only 4 digits will be printed instead of the complete number.

## Cards accepted

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Any card the host accepts. If used with ITS, dial-up accepts these cards:

- Diner's Club
- VISA
- MasterCard
- American Express
- Discover
- Shazam debit cards

## Preparing for configuration

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Before you configure the Site Controller for connection to the network, you must determine the types of cards you will accept. Your network representative will need to know this, too.

Before you configure, you must also make sure you know the following information. Consult with your network representative to determine the information you do not know.

- Your network merchant identification number.
- The primary and backup phone numbers you will use for authorizations.
- The baud rate for the modem communications.
- The phone number to call for authorization and settlement questions.

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 used to connect to the network host, and connect that port to a Hayes modem capable of communicating at 1200 or 2400 baud or a modem that is 100% compatible with the Hayes standard. (See the Hayes dial-out settings in the *Modem* appendix in the *Site Controller II Manager's Manual*.)

Use the command LOAD PHONE X to load the phone numbers supplied by the network into the Site Controller. Use LOAD PHONE 3 to load the primary authorization phone number. Use LOAD PHONE 4 to load the backup authorization phone number.

If using debit, after loading the phone number, you must load the DES (Data Encryption Standard) master key. The key is a 16-character hexadecimal number that you get from the network. To load this number, use the LOAD KEY command:

**LOAD KEY 00XXXXXXXXXXXXXXXXXX**

where the 16 Xs represent the DES master key. The Site Controller will then dial the network to get the DES working key.

No special DES encryption ram chip is needed if the site has STARGATE v.4.2B and above. In the reader CPU, switch S2, position 3 must be OPEN to enable the DES encryption.

## **Configuring the Site Controller**

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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)**

This information is provided for reference. The menu programs initialize and/or stores the appropriate values for you in the system parameters.

#### ***Reader verification - page 4***

Use remote verification: **credit (checking)**

Use local verification: **club**

Check mod 10: **credit**

Check expiration date: **credit (and, optionally, club)**

Require PIN: **(checking)**

#### ***Console verification - page 5***

Use remote verification: **credit (checking)**

Use local verification: **club**

Check mod 10 (console): **credit**

Check expiration date (console): **credit (and, optionally, club)**

Require PIN: **(checking)**

### Serial port configuration - Page 8

Host handler channel: The number of the port used for communicating with the network. this is the port connected to the modem.

Host router data: Use for your network terminal identification number. Must have terminal id loaded. For Gasboy Generic Dial this number is 16 digits long.

Host handler baud rate: The communications baud rate received form your network representative.

Send requests to host handler: **credit, (checking)**

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 01 and 20. Enter the numbers by typing:

01  20

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

The second digit of the first two-digit number is 0 if your modem is a Hayes 1200, 1 if your modem is a Hayes 2400, or 2 for a Hayes Optima.

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 0 if debug output to disk or 1 if debug output to local port.

The sixteenth two-digit number is 1 if debug, else 0.

### Verification timeout - Page 11

Verification timeout: **0 seconds (no timeout)**

### Console (CONSOLE)

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

### Island card reader (READER)

Put the Select Pump step before the Verify Card step if you use \$ AMOUNT for the Enter Amount prompt, or if the fill limit of the pump is to be used to determine the authorization amount.

When using debit, the "From Which Account" step (type 5) must be in the Reader program, before the "Enter Pin" step. Verify the ICR has a banking keypad.

### Transaction format (TRFMT)

Make certain that the transaction printout format includes the authorization number (field type 3) and account type (field type 14). The card account number (field type 2) should be set to 19 digits.

## Daily Settlement

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Unlike other network interfaces, the Gasboy generic dial does not have a formal settlement procedure once every 24 hours. Instead, when your site dials the network to request a transaction authorization, information on the previous completed transaction is transmitted at the same time. If there is a long time between

transactions, data on the previous transaction would not reach the network in a timely manner.

In order to be sure that transaction completions are sent to the network on a timely basis, load a cron that will be executed 15 minutes before each hour. This will cause pending completions to be sent to the network. For example,

**LOAD CRON 1 @45 -settle**

This command does nothing if there are no pending completions.

## **The transaction pointer**

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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.

## **Troubleshooting tips**

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### ***If a card dials out to network and is rejected***

Use the DUMP DTIP P# to gather some data on the card. This will tell you the card number, limit amount, what type of card (credit or debit).

### ***Debit card dials out and gets rejected with a "INVALID CARD #" message***

This particular debit card was not accepted by the bank. This was a credit union card and the bank does not accept cards from this credit union.

### ***Debit card dials out and gets rejected with a "CARD NOT ACCEPTED" message***

The "From Which Account" step was not in the Reader program.