

# GE Aritech CD Series



## WebWay Alarm Panel Integration

### WebWayOne Alarm System integration improves security and reduces costs

WebWayOne and GE have integrated the WebWay IP/GPRS and WebWay GPRS/PSTN to provide Insurance Class Alarm signalling including the six essential elements of a fully managed Alarm System.

- Automatic Commissioning
- ATS Monitoring and Fault Reporting
- Alarm and Fault reporting
- Remote Support
- Upload/Download via Titan

### GE Aritech Alarm Systems

The following panels have been integrated to the WebWay signalling solution

GE Aritech

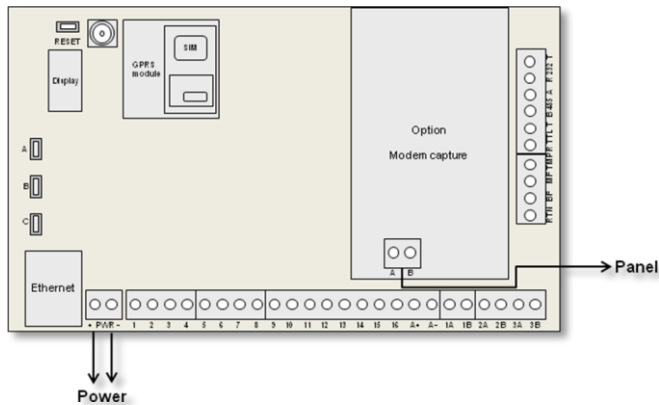
- CD95
- CD72

Integration is via modem capture and requires a RD62 Dialler and the WebWay modem capture module is required (22-5059), this will emulate the PSTN network and deliver SIA alarming.

Alternatively a serial connection can be made with a CD95 MPI232 board

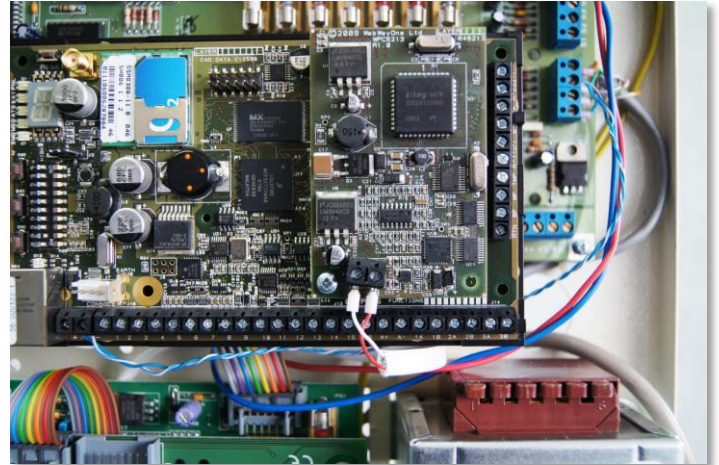
### Simple installation and commissioning

The WebWay solution is quick and easy to install and commission with your chosen ARC. A cable to the Alarm System, a two-wire connection for power, an Ethernet cable to the Router and locate the aerial

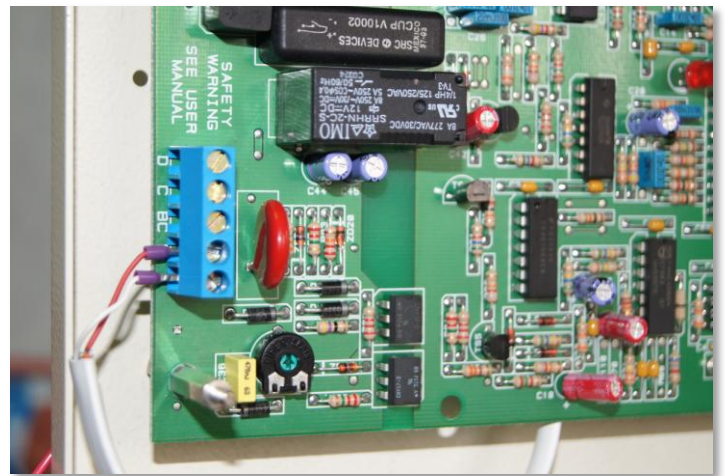


### Panel Connection

To install the Aritech ATS for full remote management you will require the modem capture module. **Connect** the WebWay PSTN panel interface **A and B** or the **A and B** terminals on the WebWay DCM to the **PSTN A and B** terminals on the ATS panel. **Connect** the WebWay **PWR + and -** to any relevant Power (+12V/+24V) and Ground (0V) terminals



WebWay Modem Capture Board



CD95 PSTN Connection

Our Auto Take On process completes the WebWay installation. The WebWay servers automatically programme the WebWay to work seamlessly with the Aritech to enable SIA alarms, Upload Download and secure remote access using the titan software.



# GE Aritech CD Series

## Modem Capture Alarm Panel Integration

### Panel Configuration

From the engineer menu enter the dialler menu in the normal way.

#### IMPORTANT

The following settings should be applied after the dialler configuration has been defaulted.

### Configuration for alarm transmission.

#### Tel/Account Nbrs

##### Centr. Station 1

CS1 Teleph. Nbr <any number 6 digits or more NOT 123456>  
CS1 Account Nbrs  
CS1Acc. Nbr. 1 <account no>  
CS1Acc. Nbr. 2-8 No settings  
Protocol CS1 X SIA  
CS1: ALI No  
Centr. Station 2 No settings  
Centr. Station 3 No settings  
Centr. Station 4 No settings

#### Upload / Download

See notes below regarding settings for connection to Transport PC (UDL)

Alternate/Nbrs No settings  
Hide Nbrs No settings  
PABX No. No settings

#### Dial Options

Dialling DTMF  
Dial tone type UK  
Wait dial tone No  
Call interval 60  
Retry period 120  
Calls for FTC 03

#### Report options

Configure as required by ARC for alarm reporting

Event delay(x5) 00

#### Protocol Opt

SIA 1  
1 event/call Yes  
1 acc/call No  
2/3 Digit Event No. 3 Digit Event No.  
SIA Freq Bell

Test call No settings  
Engineer No settings

#### Line Monitor

Line monitor On  
Off-hook options Ignore off-hook  
Dont Ans ringing Dont ans ringing  
D. Tone test Yes

### Configuration for connection to Upload / Download

The CD series panels can only use secure callback for establishing a UDL connection. This means that it will answer the incoming call from the WebWay, verify it, drop the call and dial back out. The WebWay recognises the outgoing call as being different from an alarm signalling call because of the number dialled by the panel.

The configuration for UDL operation is set the U/D section of the Dialler menu described in the previous section.

#### U/D

U/D Teleph.Nbr1 must be set to 123456  
U/D Teleph.Nbr2 not required  
U/D Acc. Nbr. set to the same account number as for alarms  
U/D Freq CCITT

#### U/D Init

PC calls Yes  
User code Yes  
On line Yes

#### Previous menu

Dump Eng mem. No  
U/D if armed Yes/No - selection depends on install requirement  
Ans PC rings



# GE Aritech CD Series

## Serial MPI232 Alarm Panel Integration

### Configuration for connection to Upload / Download

To access the MPI232 settings you will need to connect your PC to the MPI232's DTE serial port.

Run up a hyperterminal application (such as putty) set at 9600, None, 8, 1.

Set switch 3 on the MPI232 module to OFF.

Power up MPI232 module.

You will see the following:  
MPI V2.23 programming main menu

1. Central station menu
2. Report options
3. Protocol options
0. Exit MPI programming

Make your choice: **Select 3: Protocol options**

- |                           |                        |
|---------------------------|------------------------|
| 1. Modem init string:     | AT&K0&DE1V1Q0S0=0S7=10 |
| 2. Modem dial string:     | ATD                    |
| 3. Modem hangup string :  | ATH                    |
| 4. Modem connect string : |                        |
| 5. CLID string 1:         | 00001                  |
| 6. CLID string 2:         | 00002                  |
| 7. Baudrate RS-232 port : | 9600                   |
| 8. Baudrate V31bis port : | 9600                   |

0. Back to main menu

- +. Next page
- . Previous page

Make your choice: **Select 5: CLID string 1 and set to '00001'**

CLID string 1: 00001

Press Enter key

Select +

Protocol options menu

- |                               |     |
|-------------------------------|-----|
| 1. One account per call:      | Yes |
| 2. One event per block:       | Yes |
| 3. Three digit event numbers: | No  |
| 4. Text in SIA:               | Yes |
| 5. PA auto-restore:           | No  |
| 6. Dual reporting:            | No  |
| 7. Auto dial:                 | No  |
| 8. PC calls:                  | Yes |
| 9. Protocol: V24              |     |

0. Back to main menu

- +. Next page
- . Previous page

Make your choice: **Select 2: One event per block**

One event per block (Y/N):

Select Y

Do the same for 4: Select 'Y' for Text in SIA

Do the same for 8: Select 'Y' for PC calls

Select +

Protocol options menu

1. Wait for modem reply : 005
2. Wait for modem dial reply : 010
3. Wait for redial : 015
4. Max dial attempts/CS : 240
5. Max modem command attempts: 003
6. Event delay : 020
7. DCD timeout : 255

0. Back to main menu

+. Next page

-. Previous page

Make your choice: **Do the same for 7**

Set value to 255 for DCD timeout. This disables DCD timeout

Select 0 to go back to main menu:

Select 1: Central Station menu

Central station menu

1. Central station 1
2. Central station 2
3. Central station 3
4. Central station 4
5. Up/download menu

0. Back to main menu

Make your choice: **Select 1: Central station 1**

Central station 1 menu

1. Account code 1 : 1111101
2. Account code 2 : 1111102
3. Account code 3 : 1111103
4. Account code 4 : 1111104
5. Account code 5 : 1111105
6. Account code 6 : 1111106
7. Account code 7 : 1111107
8. Account code 8 : 1111108
9. Network address: 511100

0. Back to Central Station menu

Make your choice: **Select 9**

Network address and make sure there are 6 or more digits. They can be any combination.

Select 0 until you are at the main menu

Select 0: Exit MPI programming and follow instructions

Turn PC-programming dip-switch 3 on to exit.

Goodbye.

Last and crucial, make sure switch 5 on the MPI232 module is set to OFF. This turns off callback mode.

