



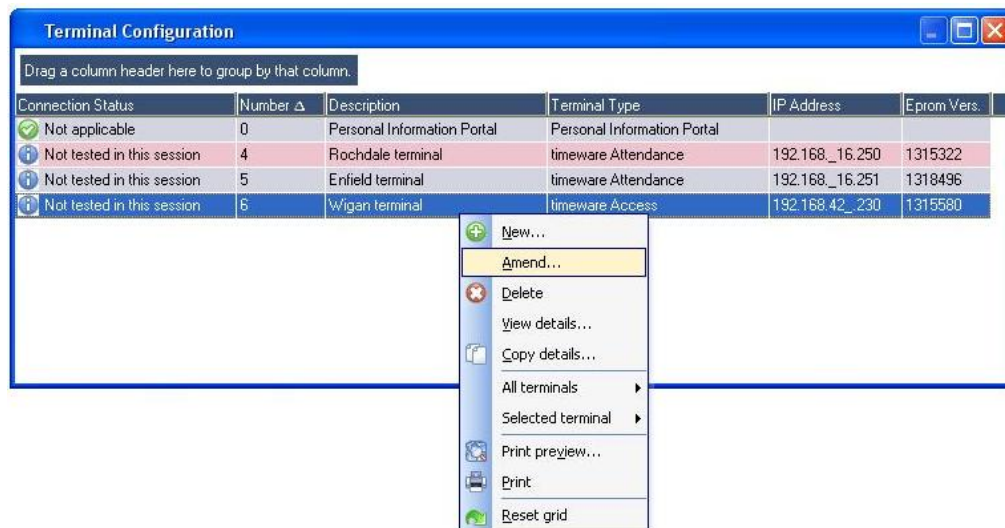
Module: m/01/005

'Proving communication and configuring the hardware...'

1. Click on the Hardware menu and select Terminal Configuration...



2. <Right-click> on the terminal and select Amend... (or New... if you are adding a new terminal)





3. If you are creating a new terminal, enter a terminal number and description.
4. Select 'Terminal Type' and choose the correct terminal.

The screenshot shows the 'Terminal Settings - (Amend)' dialog box with the 'General (Terminal Type)' tab selected. The 'Number' field contains '6' and the 'Description' field contains 'Wigan terminal'. The 'Options' pane on the left shows 'General' expanded, with 'Terminal Type' selected. The 'Terminal Type' section has a dropdown menu open, showing a list of terminal types: 'timeware Access', 'timeware Attendance (Legacy)', 'timeware Access (Legacy)', 'timeware Attendance', 'timeware Access', 'timeware Touch', 'FingerPunch (TCPIP)', 'HandPunch (TCPIP)', and 'timeware Assembly Point'. The 'Independent Terminal' section has a text box with instructions. The 'Roll Call' section has a text box and a radio button for 'Include' set to 'Yes'. The 'Date Format' section has a text box and a dropdown menu for 'Format' set to 'dd/mm/yyyy'. The 'Terminal Speaker' section has a text box and a radio button for 'Speaker off' set to 'No'.

5. Select 'Communications' and enter the IP Address. Next click 'Refresh Connection'.

The screenshot shows the 'Terminal Settings - (Amend)' dialog box with the 'General (Communications)' tab selected. The 'Number' field contains '6' and the 'Description' field contains 'Wigan terminal'. The 'Options' pane on the left shows 'General' expanded, with 'Communications' selected. The 'General (Communications)' section has a text box with instructions. The 'Step 01' section has a dropdown menu for 'IP Address' set to '192.168.42.230'. The 'Step 02' section has a dropdown menu for 'terminal' set to 'terminal'. The 'Connection Results' section has a text box for 'Terminal status' and a text box for 'Terminal response: ??? (secs)'. The 'TCP/IP Only' section has a text box for 'Master IP Address: ??? ??? ??? ???', a text box for 'Ping response: ??? (ms)', and a text box for 'Ping status:'. A 'Refresh Connection' button is located at the bottom right.



6. If the connection fails, the screen will look like this;

The screenshot shows the 'Terminal Settings - (Amend)' window. The 'Number' field is 6 and the 'Description' is 'Wigan terminal'. The 'Options' tree on the left has 'General' expanded, showing 'Terminal Type', 'Communications', 'Security', 'Badge Format', 'Relays', 'Notepad', and 'Roll Call'. The 'General (Communications)' tab is active. It contains instructions: 'Using the options below please provide the steps necessary to connect with your hardware.' Below this are 'Step 01' and 'Step 02'. 'Step 01' has a dropdown for 'IP Address' with the value '192.168.42.230'. 'Step 02' has a dropdown for 'terminal'. The 'Connection Results' section shows 'Terminal status: No response' in red text, and 'Terminal response: ??? (secs)'. The 'TCP/IP Only' section shows 'Master IP Address: 192.168.42.117', 'Ping response: 2097172 (ms)', and 'Ping status: 11010 [ip req timed out]'. A 'Refresh Connection' button is at the bottom right. 'Cancel' and 'Ok' buttons are at the bottom left and right respectively.

7. If the connection is successful, the screen will look like this;

The screenshot shows the 'Terminal Settings - (Amend)' window with the same settings as the previous one. The 'Connection Results' section now shows 'Terminal status: Response Ok IV10.10.0103.C' in green text, and 'Terminal response: 0.045 (secs)'. The 'TCP/IP Only' section shows 'Master IP Address: 192.168.42.117', 'Ping response: <= 10 (ms)', and 'Ping status: 0 [ip success]'. The 'Refresh Connection' button is still present. 'Cancel' and 'Ok' buttons are at the bottom left and right respectively.



8. Next we move on to the terminal configuration:

9. Select Terminal Type:

For an attendance terminal the defaults are

Independent Terminal: select No

Roll Call: select yes

Date Format: select dd/mm/yy

Terminal Speaker: select No

For an access terminal the defaults are

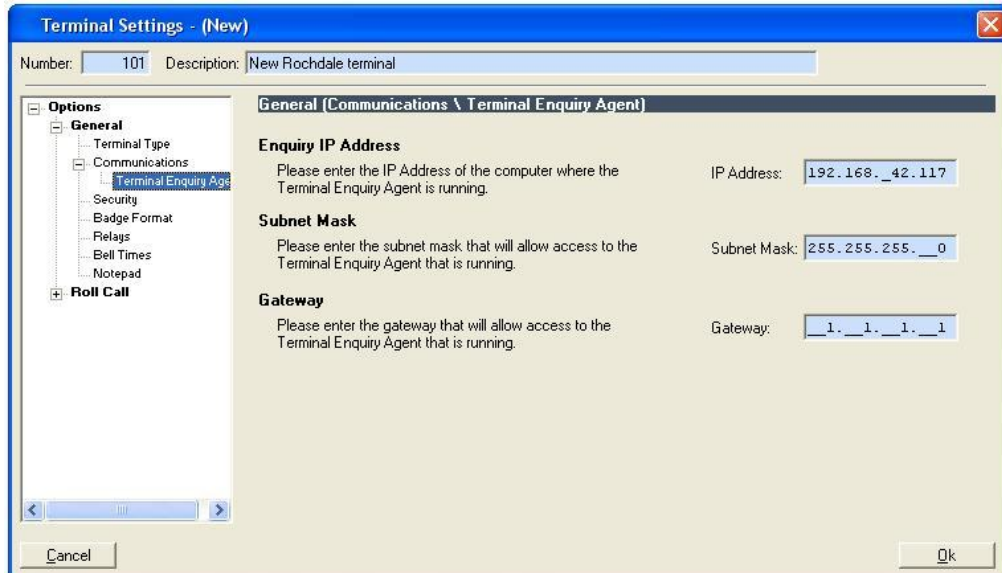
Independent Terminal: select Yes

Roll Call: select yes

Date Format: select dd/mm/yy

Terminal Speaker: select No

10. Select Communications/Terminal Enquiry Agent:



Terminal Settings - (New)

Number: 101 Description: New Rochdale terminal

Options

- General
 - Terminal Type
 - Communications
 - Terminal Enquiry Agent**
 - Security
 - Badge Format
 - Relays
 - Bell Times
 - Notepad
- Roll Call

General (Communications \ Terminal Enquiry Agent)

Enquiry IP Address
Please enter the IP Address of the computer where the Terminal Enquiry Agent is running. IP Address: 192.168.42.117

Subnet Mask
Please enter the subnet mask that will allow access to the Terminal Enquiry Agent that is running. Subnet Mask: 255.255.255.0

Gateway
Please enter the gateway that will allow access to the Terminal Enquiry Agent that is running. Gateway: 1.1.1.1

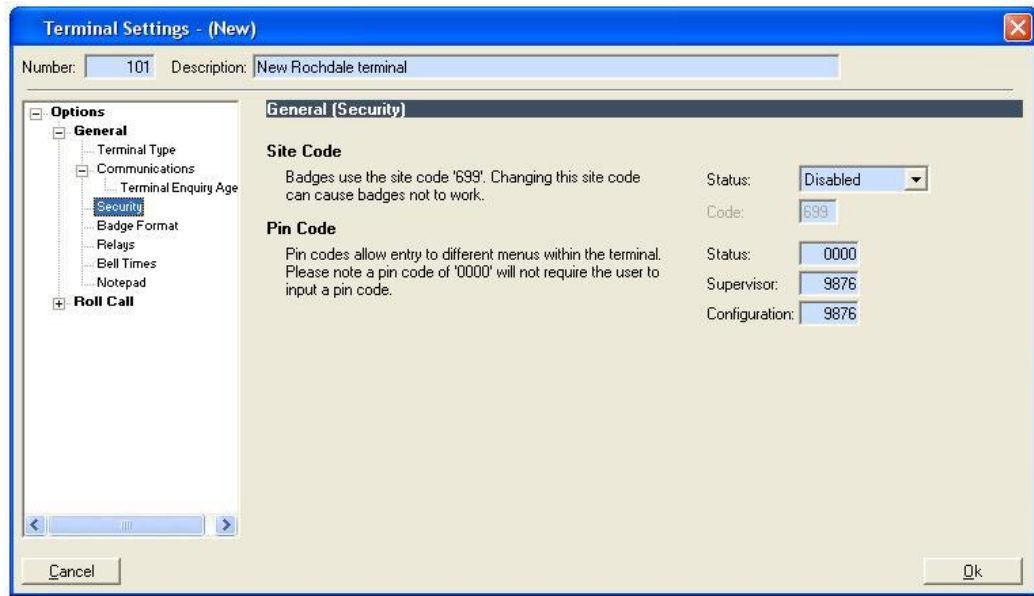
Cancel Ok

For an attendance terminal the enquiry IP address is the IP address of the computer where the enquiry agent is running. Normally this would be the timeware® server. (module m/01/104)

Next, enter the Subnet Mask and Gateway to allow the terminal to communicate with the computer running the enquiry agent.

The terminal enquiry agent is not currently available for access terminals.

11. Select Security:



For an attendance terminal the defaults are

Site Code: Disabled

PIN code: Status – 0000

Supervisor – 9876

Configuration – 9876

For an access terminal the defaults are

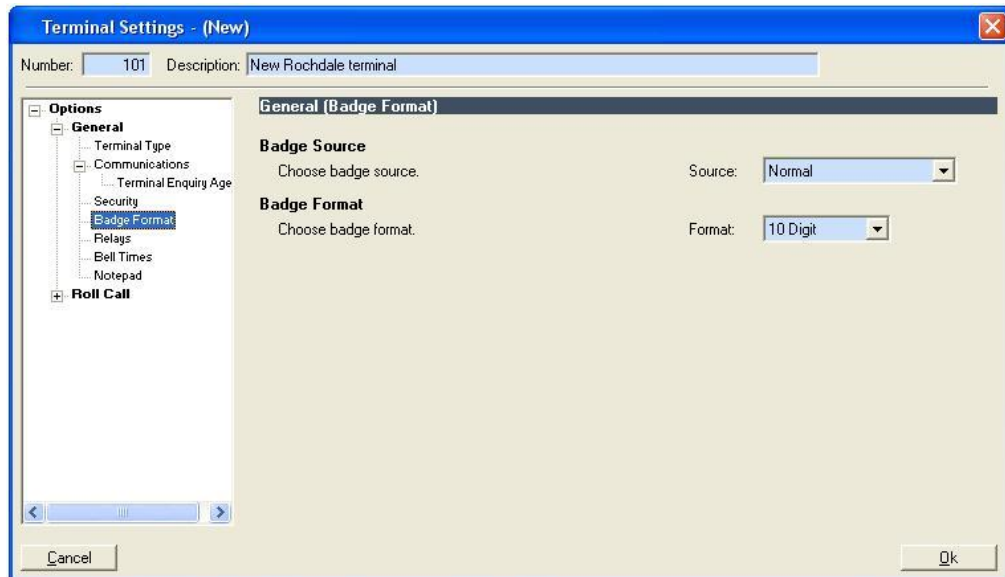
Site Code: Disabled

PIN code: Status – 0000

Supervisor – 9876

Configuration – 9876

12. Select Badge Format:



The following defaults are suitable for timeware proximity readers. If you do not know which type of reader you are using, please contact timeware support for further assistance.

For an attendance terminal the defaults are
 Badge Source: Normal
 Badge Format: 10 digit

For an access terminal the defaults are
 Badge Source: Normal
 Badge Format: 10 digit

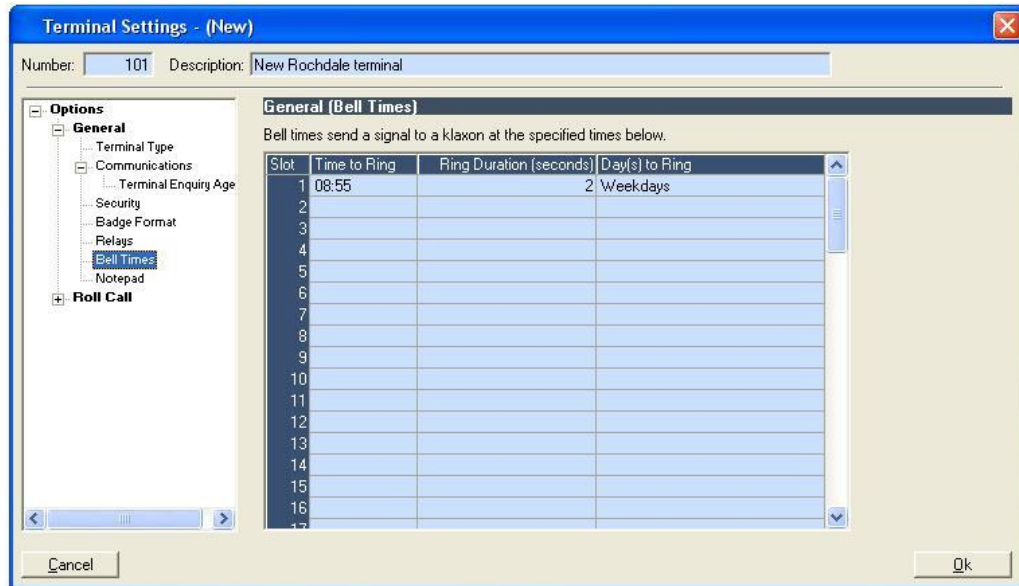


13. Select Relays:

For an attendance terminal the defaults are
Relay Configuration: N/a
Repeat Swipe Duration: 2 minutes
Trip Relay on Successful Swipe: Disabled
Door Ajar: Disabled
Free Zone: N/a

For an access terminal the defaults are
Relay Configuration: Reader1 or push triggers relay 1
Reader 2 or push triggers relay 2
Repeat Swipe Duration: 0 minutes
Trip Relay on Successful Swipe: Enabled, 1 second
Door Ajar: Disabled
Free Zone: <none selected>

14. Select Bell Times:



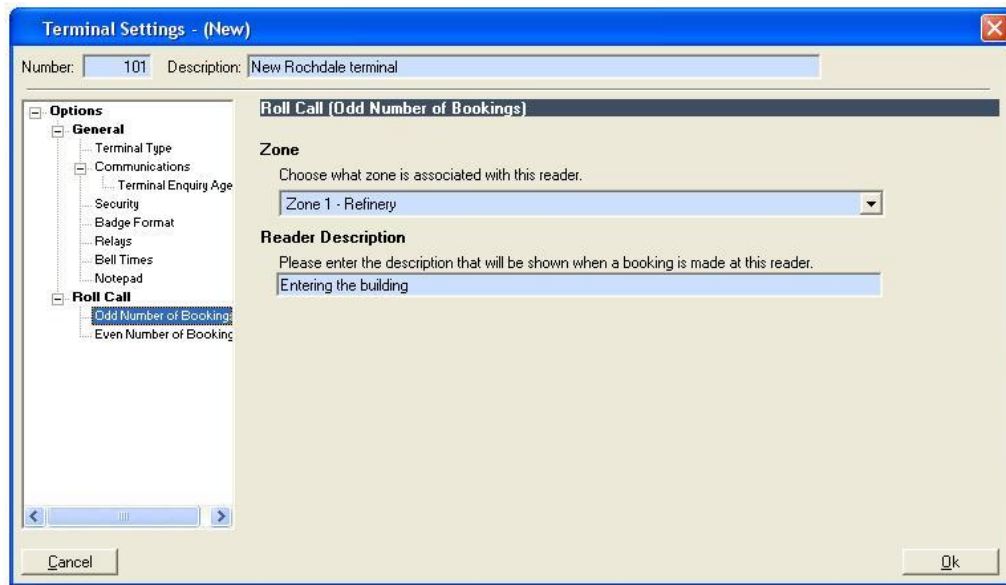
Slot	Time to Ring	Ring Duration (seconds)	Day(s) to Ring
1	08:55	2	Weekdays
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			

This option need only be configured if the terminal is connected to a klaxon.

For an attendance terminal, simply enter the time when the bell should ring, the ring duration and the day when the bell should ring. You may enter up to forty bell ring times.

The Bell ringing facility is not currently available for access terminals.

15. Select Roll Call:



Terminal Settings - (New)

Number: 101 Description: New Rochdale terminal

Options

- General
 - Terminal Type
 - Communications
 - Terminal Enquiry Age
 - Security
 - Badge Format
 - Relays
 - Bell Times
 - Notepad
- Roll Call**
 - Odd Number of Bookings
 - Even Number of Bookings

Roll Call (Odd Number of Bookings)

Zone

Choose what zone is associated with this reader.

Zone 1 - Refinery

Reader Description

Please enter the description that will be shown when a booking is made at this reader.

Entering the building

Cancel Ok

For an attendance terminal enter the zone associated with the odd number of bookings and provide a description that will appear on reports. Repeat for even number of bookings.

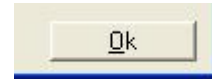
For an access terminal the Roll Call configuration changes to Reader 1 and Reader 2:

Reader 1: Select the zone that the person will enter when the access booking is successful and provide a description that will appear on reports.

Repeat this process for Reader 2.



16. Finally press the <Ok> button to save the terminal configuration..





Notes