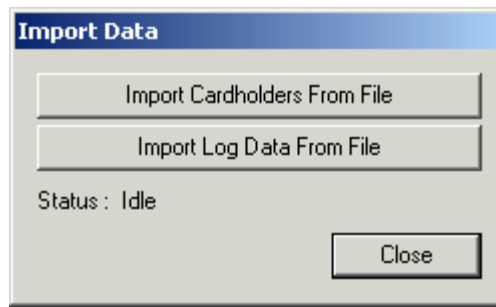


(i) Importing and Exporting Cardholder and Log Data.

The Import / Export functions allow you to import cardholder and log data from / to a predetermined .csv file (the format is detailed later). To import data into your current system database, select the 'File' menu and select 'Import Data'. The dialog box below will appear.



Click the relevant button to either 'Import Cardholders From File' or 'Import Log Data From File'. When you click on one of the buttons, you will be prompted to locate the Cardholder File / Log Data File which you wish to import. Make sure you select the correct file, or the import procedure will fail. The status message keeps you upto date on what the current import status is - i.e. number of cardholders / daily logs currently processed.

To export your database into a .csv file format (fixed), select the 'File' menu and select 'Export Data'. The dialog box below will appear.



Tick the relevant checkboxes to 'Export Cardholders' and / or 'Export Log Data'. Click on the 'Export Data' button to begin the export process. The status message will keep you upto date on the current export status. The filenames exported are - "Exported Cardholders.txt" and "Exported Log.txt".

The format for the Cardholder File import / export is as follows.

Each cardholder record is separated by a Carriage Return + Line Feed (<CR><LF> / OD0Ah)

The comma separated format is as follows :-

Card Number, Title, First Name, Surname, In Message (top row), In Message (bottom row), Out Message (top row), Out Message (bottom row), Cardholder PIN number entry code, Time worked per week (hours), Time worked per week (mins), Monday Lunch period (mins), Tuesday Lunch period (mins), Wednesday Lunch period (mins), Thursday Lunch period (mins), Friday Lunch period (mins), Saturday Lunch period (mins), Sunday Lunch period (mins), Cardholder enabled flag (1 = enabled and 0 = disabled), Overnight shift worker flag (1 = cardholder works overnight and 0 = cardholder works during day only), Cardholder excluded from Working Time Directive flag (1 = excluded from time directive and 0 = included), Wave sound to play on cardholder swiping In, Wave sound to play on cardholder swiping Out, Cardholder photograph jpg file.

Below is a sample of the output...

00000001,MR,Tony,Pastor,Card Read,(in),Card Read,
(out),0000,040,00,060,060,060,060,060,000,000,1,0,0,ValidIn.wav,ValidOut.wav,00000001.jpg
00000002,MR,Nigel,Durley,Card Read,O.K.,Card
Read,O.K.,0000,040,00,060,060,060,060,060,000,000,1,0,0,ValidIn.wav,ValidOut.wav,nophoto.jpg
00000003,MR,Chris,Hopper,Card Read,(IN)O.K.,Card Read,(OUT)
O.K.,0000,040,00,060,060,060,060,060,000,000,1,0,0,ValidIn.wav,ValidOut.wav,nophoto.jpg
00000004,MR,Bryan,Hope,Card Read,(IN)O.K.,Card Read,(OUT)
O.K.,0000,040,00,060,060,060,060,060,000,000,1,0,0,ValidIn.wav,ValidOut.wav,nophoto.jpg

The format for the Log Data File import / export is as follows.

Each log record (transaction) is separated by a Carriage Return + Line Feed (<CR><LF> / OD0Ah)

The comma separated format is as follows :-

// **Swipe codes**

CODE_IN '/'
CODE_OUT '0' (Zero)

// **Vacation codes (these have NO relevance on the actual engine (present count))**

CODE_VACATIONSTART 'V'
CODE_VACATIONEND 'N'
CODE_OFFSICKSTART 'F'
CODE_OFFSICKEND 'K'
CODE_ONSITESTART 'S'
CODE_ONSITEEND 'T'
CODE_OTHERSTART 'H'
CODE_OTHEREND 'R'

Date (YYYY/MM/DD), Time (HH:MM:SS), Card Number, In / Out Code ("/" for a Swipe In and "0" for a Swipe Out), Reader address (Door).

Note the currently available Swipes codes are as follows :-

Reader addresses :- Even numbers are 'In', Odd numbers are 'Out'. The address range is 2 (In) to 127 (Out).

Below is a sample of the output...

2000/10/25,08:57:56,00000001,/,016
2000/10/25,09:00:37,00000005,/,016
2000/10/25,13:00:44,00000001,0,017
2000/10/25,13:00:57,00000005,0,017