



# F100 Firmware PC Configuration Utility Reference

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ISO 9001: 2000

International Standards  
Certifications  
QAC/R61/0051

Table 1 provides information to assist field engineers select the correct PC Configuration Utilities for New Zealand **F100** Panels.

F100 Panel	µProcessor	PCB Hardware	NZS4512	Firmware	Configuration Utility
F100A Boolean	AVR 256	v3.11	2003 or 1997	v5.nn.nnK	v5.06
F100A Boolean	AVR 128	v3.01 – v3.11	2003 or 1997	v4.58.nnK to v3.nn.nnK	v3.24.n
F100A Non-Boolean	AVR 128	v2.nn	1997	v2.nn.nnK	v2.14
F100TMS	TMS	v1.nn	1997	v1.nn	v2.1

Table 1

## Notes:

- 1) v5.06 Configuration Utility is compatible with AVR 256 firmware v5.nn.nnk only.
- 2) v3.24.n re-integrates the Configuration Utility programme and supercedes both v3.18.02 and v3.14 for all Boolean firmware from v3.nn.nnk to v4.54.nnK.
- 3) v3.24.n detects the firmware used on the **F100** Panel and can be adapted to allow access to features supported by the Panel firmware.
- 4) v3.24.n Configuration Utility is not compatible with either v2.nn.nnK Non-Boolean AVR panels, which use v2.14 Configuration Utility or v1.nn TMS panels, which use v2.1 Configuration Utility.
- 5) The AVR micro-processor (µP) is field programmable using either:
  - a. the traditional AVR Programmer software and Programming Cable using the PC's RS232 port.
  - b. the FISP4D Programmer using the PC's USB port.
- 6) The TMS micro-processor (µP) is NOT field programmable, but must be replaced with a new processor IC to upgrade the F100 firmware.

The latest Configuration Utilities and Panel Manuals are available on the Pertronic website:

<http://www.pertronic.co.nz>

Phone Pertronic Technical Support to obtain the necessary logon and password to access the files.

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