

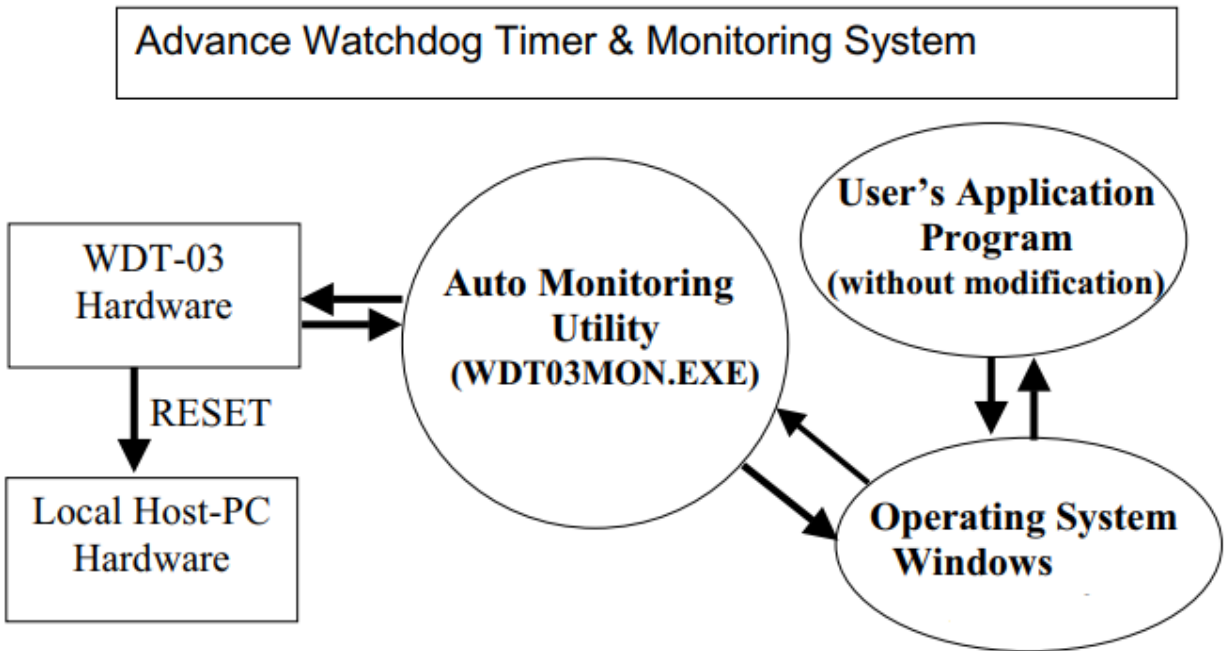


Making Data Acquisition Easy

CAGE/NCAGE Code: 3FNFO

Intelligent Watchdog Timer Card

Traditional watchdog timer cards equip a hardware watchdog for application program to start and refresh in the normal operation. If host PC is failure for software or hardware problem, refresh operation will be discontinued and hardware watchdog will reset the host PC. ICP DAS offer advance WDT system that application program can be executed without modification. The auto monitoring utility will monitor operating system and program automatically. If system is frozen by any software or hardware problems, the dual watchdog mechanism will reset this frozen system immediately and restart the application program.



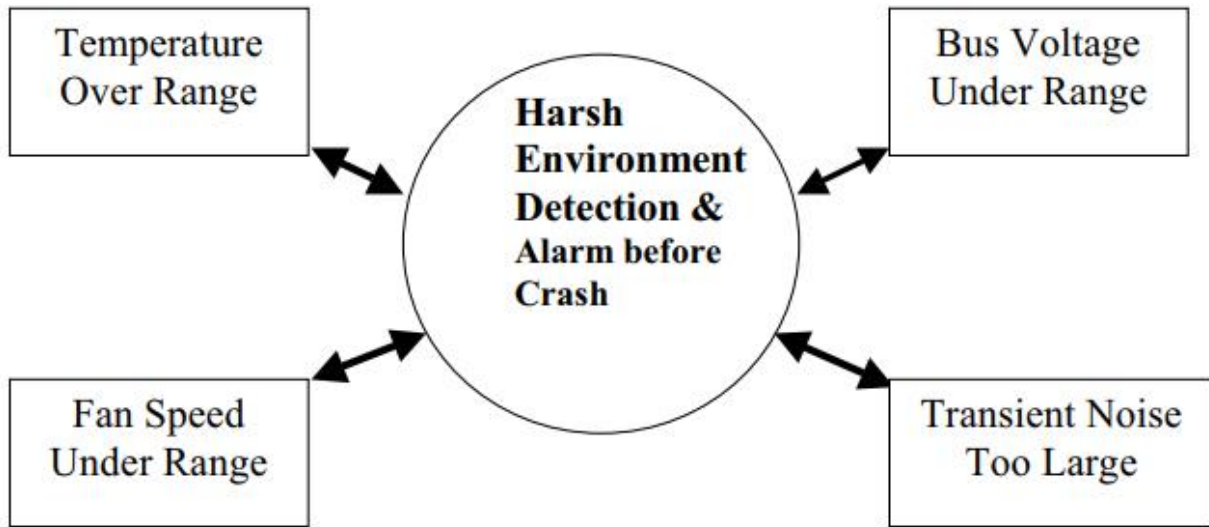
WDT-03



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There are noise and energy transient in industry application environment. The host PC may be failed if noise affects the system. The application environment will change without any notice, so a stable system is necessary to maintain stability. WDT cards must provide harsh environment detection feature to prevent crashing.





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The WDT-01/WDT-02 are watchdog cards that provide watchdog timer, temperature monitor and power monitor functions. It also provides many signals and mechanism such as relay control, reset signal, power-good signal that allow the user to control their system as soon as the errors are occurred. There are also many signals, such as IRQ, I/O status RS-232, LED, Buzzer, will tell the user or operator that some errors are occurred. Once the WDT-01 has been power on, it will monitor the power and the temperature of PC automatically. After the software enable the watchdog timer, the WDT-01 will monitor the operations of software and hardware in the most inexpensive cost with the excellent protections. The WDT-02 is an economical version of WDT-01. Refer to the following comparison table.



WDT-01

If you have other industrial communication requirements or have questions, we can certainly help you to choose the best solution. Please call our technical support team at (310) 517-9888 X102