

Subject: VoiceSaver Watch Dog Timer
Support

Parwan Electronics Corporation
www.voicesaver.com
By: Suraj P. Tschand
(732)-290-1900 x 100
January 14, 2005
No. 2005-0012

Technical Memorandum

Introduction

The Watch Dog Timer feature of VoiceSaver allows a monitoring and control software to monitor the operation of VoiceSaver and make sure it is up and running. In order to achieve this, VoiceSaver creates a status file every five minutes and allows the monitoring and control software to read it. Once the monitoring and control software has read the data, it deletes it and waits for VoiceSaver to create a new status file. In case VoiceSaver is down, then it can not create the status file. The monitoring and control software should detect the condition and let someone know about the event.

VoiceSaver creates a new status file only and only if there is none present.

Implementation

In order to active this feature, you must do the following:

1. Create the *C:\PEC\Watch_Dog* subdirectory.
2. Make sure the computer clock is correct.
3. Bring up VoiceSaver
4. After five minutes check to see the file *C:/PEC/Watch_Dog/Pec_Status.Txt* is created.
5. The contents of the file is the line: Active Lines = <number of lines>.

Monitor and Control

1. Every five minutes the software should check the status file *C:/PEC/Watch_Dog/Pec_Status.Txt*.
2. It should read the contents of the status file that contains the Active Lines data.
3. Delete the status file.

Support

If you see any problems with PEC software, do not start changing the parameters. This feature is independent of the parameters. If you want to disable this feature, the n remove the *C:/PEC/Watch_Dog* subdirectory.