

Products affected **RTech Data Recorders**

Serial numbers All

Action required None – Advisory only

Reason for notice Provides information on **firmware revisions** of RTech devices.

Notes The Rtech data recorders can have their firmware upgraded, using a special communications cable (cost \$100) and software provided free by EIT, available from our web site.

<http://www.eitechnology.com.au/downloads.html>

To be sure you have no compatibility problems you should upgrade to the latest firmware when adding new equipment.

Resolution Firmware revisions:

<b>Version</b>	<b>Notes</b>
2.12	Added the option to put a 4 byte header on each periodic log which contained the time and date information
2.13	Provided SMS alarms and contact closure alarms.
2.16	Eto calcs were wrong because there was a byte swap missing in the setup table. Also daily integrated values were overflowing. Various fixes in the program to enable ETO. ETO value put into sensors input table.
2.17	Some modifications to the alarm system.
2.18	Problem fixed with reading channels 44,45,46 from the IPC. There are some older IPC's where this needs a firmware upgrade to the IPC
2.19	Fixed a problem with digital points not going onto the periodic log
2.22	Added the limited facility for floating point logging. Each floating point input will use up the space of two sensors. Limited facilities that there is no daily log and only instant periodic log allowed at present. This is to be used for the Sentek salinity sensors.
2.26	Made changes to allow the RTECH to work properly with the new Atmel series receiver IPC. If you are using an Atmel based IPC as a receiver then you need this firmware, or later, in RTECH
2.27	Introduced the Vaisala WXT510 AWS and the concept of counts coming through the expansion port