

## S1000 Sercal Exec – S1434

| <u>Revision</u> | <u>Change</u> | <u>Customer Release Note</u>   |
|-----------------|---------------|--|
| 4.08            | CN1129        | 1D Array bounds checking fails to generate run time error. Fixed.<br>On a slave comms port a 256 item write command using 8 or 12 bits can fail to update vspace correctly. This has been corrected.   |
| 4.07            | CN893         | Introduce encrypted CRC option for use on X25 networks (etc) where messages can be returned "out of sequence". If configured via word 60(h3C) of EE2 (one bit per port, b0 = portA), all read command responses have the master commands checksum appended to the response so that the master handler at the data centre can identify which read the response is associated with.<br>ROM size set in code.<br>Use MST module used in S1414 REV2.08.<br>ROMd Sercal apps are not copied to RAM unless present in ROM. In previous releases, the contents of ROM were copied regardless, thus overwriting PSPACE with 0's making all programs bad, whereas before the 'copy' only 1 prog may have been in error. |
| 4.06            | CN838         | Add Sercal application PROM support and miscellaneous comms enhancements. Applications can now be placed into EPROM along side the Exec using a Windows utility program.<br>If a master port receives a message with a corrupt CRC the error was not reported, instead a UART error will be generated which will be reported.<br>Sermon TSP features disabled in REV4.04 & 4.05. Reenabled.  |
| 4.05            | CN788         | Improve UART error handling to reject "garbage" between messages at all times. Improve error handler on talk thru ports.   |
| 4.04            | CN776         | Improve PMMI port error handling.  |
| 4.03            | CN695         | Radio handler no longer NACK's if station address corrupted.   |
| 4.02            | CN692         | Enhance PUT configuration string.  |
| 4.01            | CN680         | PE/OV errors not reported correctly on V25 bis (master) PSTN handler. Bud fix Walk mode_single step (Sercal Sub_pgm timers).   |
| 4.00            | -----         | First Release.   |