

Sercal – S0001/8

<u>Revision</u>	<u>Change</u>	<u>Customer Release Note</u>
6.10	CN1150	Add paknet support on PSTN variant. Fix Hayes escape sequence. exb instruction put back.
6.09	CN1120	Add support / recognition for S250 RTU. Improve comms to enable use with USB comm ports on new laptops. Allow all valid archive values to be entered into manual sysgen. View MMS command now displays archive > 256K correctly.
6.08	CN1116	Add SIN, ASIN, COS, ACOS, TAN, ATAN functions.
6.07	CN1071	Structured doloops now work as expected within if..then..else statements. Timeout of engineering mode no longer intermittent. Viewer in debug screen can now be scrolled correctly.
6.06	CN1051	new instructions. Add Clrf, Incf & Decf Allow floating point variable access over PSTN. Lines of all lengths up to 1024 now generate object code. Increase comms timeout to allow S500 LCD to operate during program download. Full 64K/128K now available for programs + MMS.
6.05	CN1043	Allow Block Edit of up to 100 variables instead of 20. When a bit reference is entered for edit/display, the next bit is displayed next, not the same bit in the next var. Full 8k bytes now allowed for each program.
6.04	CN1039	Fix failure to find existing files under Windows 95. When a new application is generated to include existing sercal files, these files would fail to be found under Windows 95. This problem has been fixed.
6.03	CN1035	Add !F2D and !D2F conversion functions. These functions allow conversion from float to long integer and vice versa. Need S500 Exec REV4.23 or greater. Add logical AND / OR (&,?) in conditional expressions. This added functionality does not require an upgrade in the run time system. Prevent lock up when saving an editor block over an existing file.
6.02	CN997	User logged out at Y2K rollover. If user using Sercal at midnight on 31st Dec 1999 then he will be logged out!
6.01	CN987	Fix comms problems on 95/NT and certain BIOS's. Allow a '.' in annotation of variables.
6.00	CN967	Addition of viewer, version check, improved decompiler, add examine. Inc txrx timeout for Pentiums Pop up annotation added. Line length max increased to 1k. Print key added to editors. Help file updated.
5.03	CN896	Sermon over PSTN facility added - available as a separate product. Binary mode on log screen overwrites state annotation. Fixed. Debug screen covered in random characters. If sysgen is not performed then the RTU type at the top of the screen could display a large string of complete rubbish! Decompiler Fails to put ',' between table hex constants. Fixed. Display 4 comm ports (annotated) on debug screen. Display lists not annotated. New annotation is not attached to display list items unless the list is amended/created. As only

displayed in log screen the Log command will always annotate the list first.
Escape key in log screen not recognised until a scan occurs. - Fixed.
The addition of 1D & 2D arrays caused a limit of 100 table commands in a program. If 1D array checking is disabled at sysgen time then there is no reason for this limit to be imposed.
Fix disappearing programs.
When switching between editor programs sometimes the source would not be displayed. This would usually result from some failed disk operation. This has been sorted.
Annotation references made case independent.

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| 5.02 | CN720 | Add S500 support. Numerous editor file handling/enhancements. Application version # restore now works correctly.. |
| 5.01 | CN701 | Allow editor to handle larger files about 60K and numerous miscellaneous enhancements. |
| 5.00 | ----- | First released |