

UTS cum PRS Thin Client Specification (April 2014)

S.No	Item	Description
1	Processor	1.8 GHz or above dual core (Fanless model)
2	Memory	2GB or above DDR3
3	Flash Memroy	4 GB SATA/mSATA in primary slot or onboard primary
4	VRAM	VRAM minimum 64 MB or above (should be configurable from BIOS and shared with Memory)
5	Redundant Flash (in slot other than primary)	4 GB SATA/mSATA
6	Power supply	Internal SMPS/External with 110~240 V or 90-264V 50 Hz, automatic power-down Power Supply
7	Keyboard & mouse	PS2/USB based 107 Keys Mechanical keyboard and scroll mouse.
8	Monitor	15.6" or higher TFT color monitor (resolution 800 x 600)
9	Emulation Support	For PRS, VT100/VT220/VT320 emulation support over RS232/LAN through telnet with PRS forms downloading feature, answerback support (in disable mode) over telnet. ISCII 83 for printing PRS tickets. Programmable funtion key should not be supported in emulation. Support for barcode printing (both for 1D and 2D) through escape sequence in terminal emulation. Support for RFID Smartcard reading as per CRIS requirement through escape sequence in terminal emulation.
10	Slots	At least one free PCI slot.
11	Ports	One or more centronics parallel printer port. Two serial port, one for DB 9 pin (for printer) & other for MUX or host connectivity.
12	Connectivity	10/100/1000 Mbps auto sensing LAN interface
13	Accessories	Four USB ports with option of storage class enabling/disabling using admin password. (by default it should be disabled for staorage class)
14	Networking	Local user support Support for telnet, ftp, rsh, rexec, scp, ssh, cron, rlogin PPP support TCP/IP with DHCP, DNS support
15	Should have following O/S and S/W embedded	1. Embedded linux with Kernel 2.6.x or above. OS Size should be less than 20% of onboard/primary flash memory. (OS size includes Kernel, libraries required to run CRIS UTS Application, terminal emulation with Devanagari support and JRE version 1.6 or above) 2. SAP Sybase ASA version 10 or above which shall be provided by CRIS 3. CRIS/UTS application (both front end and back end which shall be provided by CRIS). Master copy of the pre-installed image should be provided to CRIS on CD/DVD.

Balu G 12
25.03.2014
(PE/UTS)

[Signature]
25-03-2014
(SSE/PRS)

