

10 October 2002

FOR: PROGRAM OFFICER FOR THE COMPOSITE HEALTH CARE SERVICE II
(CHCS II), CLINICAL INFORMATIN TECHNOLOGY PROGRAM OFFICE
(CITPO)

FROM: Director, Systems Engineering, CITPO



SUBJECT: Minimum Configuration for End User Devices (EUD's) in Support of
CHCS II, Release 1 (R1)

ATTACHMENT: Preferred Hardware Configuration for EUD's for CHCS II, R1

Attached are the minimum configuration requirements for EUD's in support of CHCS II, R1. This recommendation is based on data collected by the CHCS II system integrator (Integic) and is based upon data collected in the field and in tests in the Integic performance laboratory.

RECOMMENDATION: CITPO Systems Engineering recommends that these be accepted as the minimum requires for Release 1 EUDs and recommends that all supporting documentation for R1 be modified to reflect these requirements.

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The minimum hardware configuration for the CHCS II Client Workstation is described below.

Component	Preferred	Component	Preferred
Processor		Input Devices	
Processor Type	Intel Pentium® compatible	Keyboard	104 keys
Processor Speed	P2 450MHz	Pointing Device	2-button mouse
Data Path Width	32 bits	Monitor	
Motherboard		Type	Color
Bus Type	PCI	Size (diagonal)	17 inches
L1 Cache	16 KB	Dot Pitch	≤ 0.28 mm
L2 Cache	512 KB	Resolution	1024 x 768 pixels
Power	≤ 3.3 volts	Refresh Rate	72 Hz (non-interlaced)
EPA Energy Star Compliance	Yes	EPA Energy Star Compliance	Yes
Clock with Battery Backup	Yes	Plug-'n-Play Compatible	Yes (DDC support)
BIOS		Video Controller	
Flash Upgradeable	Yes	Type	SVGA graphics accelerator
Plug-'n-Play Compatible	Yes	Expansion Slot	PCI, 64-bit
Ports		RAM	2 MB
Parallel Ports	1 (AT type, EPP, or ECP)	Resolution	1024 x 768 pixels
Serial Ports	2 (16550A UART or USB)	Color Depth	240
PC-Card Slots	2 (PCMCIA (v2.1) Type II)	Refresh Rate	72 Hz (non-interlaced)
Random Access Memory		Plug-'n-Play Compatible	Yes
Capacity	at least 256 MB	Driver Support for Windows 2000	Yes
Access Time	≤ 70 ns	Network Interface Card	
Hard Disk		IP Compatible	Yes
Storage Capacity	2.0 GB	SNMP Support	Yes
Controller Type	EIDE or SCSI-2	Plug-'n-Play Compatible	Yes
Burst Transfer Rate	11 MBPS	Driver Support for Windows 2000	Yes
Plug-'n-Play Compatible	Yes		
Driver Support for Windows 2000	Yes		

It is assumed that the workstation has the Windows 2000 Professional Operating System with a minimum of Service Pack 1, including Internet Explorer 5.5 SP1 and specifically MDAC 2.5 SP1.