CRITICARE
SYSTEMS, INC.

Central Stations

VitalView® Central Station Software

48 INDEPENDENT ECG TRACES | 16 PATIENTS | WINDOWS COMPATIBLE

Criticare now offers the software interface for the popular VitalView® Central Station as an independent software package, allowing hospitals greater flexibility and customization of hardware and network setup.

Features

- Displays Arrhythmia and ST analysis provided by Criticare monitors with Arrhythmia and ST option.
- Functions on both single and dual monitor setups.
- Disclosure of up to 144 hours of ECG data.
- Easily accessible alarm history log for all patient alarms occurring in the previous 24 hours.
- Quickly generate and send customized e-mail patient data reports in PDF format.
- Displays ECG, SpO2, IBP and CO2 waveforms.
- Remote activation of NIBP and printing.

VitalView CSS® is an ideal solution for hospitals of all sizes. It facilitates communication between a central station and eVision™, nCompass™, the nGenuity™ Series as well as the VitalCare™ Series of patient monitors for continuous, comprehensive vital signs monitoring.

VitalView® displays real-time waveforms and numerics with a simultaneous display of up to 48 waveforms across two screens. With a dual monitor display, up to three expanded patient views can be viewed while 16 patient slots continue to display patient data. ECG events, graphical trends and tabular trends are stored automatically. User adjustable alarms provide immediate notification of critical changes in patient status.

CSI has verified that Microsoft® Office XP Pro 2003, OpenOffice 2.0, and Abobe® Reader will not compromise real-time monitoring performance.

VitalView® Central Station Software

Software Specifications

Display

Configurations:	Up to 48 independent ECG traces
Patients Displayed:	8 or 16
Modes:	1 x 8, 2 x 4, 1 x 16, or 2 x 8 patient slots; up to three detailed patient views

Alarms

Description:	User-configurable for all monitored parameters
ST/Arrhythmia ECG:	High PVC/Min, PVC Run, ECG: Couplets, ECG: Bigeminy, ECG: Trigeminy, ECG: Irregular HR, ECG: VT>2, ECG: VTach, ECG: VFib, ECG: VFib/Asystole, ST high or low for ECG Leads I, II, III, aVR, aVL, aVF, V
Non-ST/Arrhythmia ECG:	ECG lost
Limit:	High/Low HR, NIBP, SpO2, etc. (all monitored parameters)
Lead Disconnect:	Fault RA, LA, LL, V

Physiological Numerics

Description:	Heart Rate (ECG, SpO2 or IBP), SpO2, NIBP systolic, diastolic and mean, Respiration (TTI or EtCO2), IBP systolic, diastolic and mean (2 channels, pulsatile or non-pulsatile sites), Temperature (2 channels, degrees C or F), CO_2 inspired and expired (mmHg, kPa or %), O_2 inspired and expired (%), PVCs/minute, ST levels for ECG leads I, II, III, aVR, aVL, aVF, V

Trend/Event Storage

Storage Capacity:	72-Hr graphic and tabular trends of all parameters; 100 events
Event Storage Duration:	36 sec/event
Print Duration:	6 or 36 second events, continuous strip print

Disclosure

Storage Cap:	Up to 16 patients x 144 hours
Display Modes:	1, 2, 3, or 7 ECG leads
Display Gain:	x0.5, x1, x2, x4
Trace Speeds:	25, 12.5, or 6.25 mm/s

Languages

Software:	English, Spanish, German, Russian

Configurations Available

CSS	Standard

Minimum Requirements

CPU

Operating System:	Windows XP Pro Service Pack 2
Operating Unit:	Intel Pentium 4 Processor
Hard Drive:	40 GB
System Ram:	1024 MB
Disk Drive:	DVD-R, CD-R/W
Communication Ports:	USB, Serial
Network:	10/100 Mbps Ethernet LAN
Video:	32 MB
Graphics:	DirectX 9.0C or higher (supporting hardware DirectDraw Acceleration)
Audio:	DirectSound compatibility, internal or external speakers

Display

Type:	TFT LCD or equivalent (preferred); CRTs are acceptable
Size:	19 in
Resolution:	1280 x 1024
Color Depth:	16-bit
Aspect Ratio:	4:3 or 5:4

Network

Ethernet	802.3 compliant, CAT 5 cables or better
Network Technology:	Wireless: 802.11b, 802.11b/g or any combination Hardwire: LAN type: 10/100/1000 baseT
TCP/IP Protocol:	UDP, TCP (UDP preferred)
Data Rate:	Wireless: 2 MB/Sec Hardwire: 10 to 100 MB/Sec
IP Addressing:	Must be non-routable and static
Network Mode (Wireless):	Infrastructure or access point (not ad hoc or peer-to-peer)

CE

CSI CRITICARE SYSTEMS, INC.

25 1984 - 2009 • 25 YEARS OF EXCELLENCE