



Acuity | Central Monitoring Station



## Welch Allyn Acuity® Central Monitoring Station

At the Heart of Flexible Monitoring



**WelchAllyn®**

Advancing Frontline Care™



# CONNECT

the Acuity Central Station to Welch Allyn's versatile line of rugged patient monitors.

Flexible Monitoring with Welch Allyn's Acuity Central Monitoring Station and advanced patient monitors enables you to care for patients in lower-cost settings by instantly converting any bed into a centrally monitored bed—reducing the number of transfers, diverts, and backups in the process. Connect to most Welch Allyn patient monitors via wireless or hardwired connections. The end result? Shorter lengths of stay, higher patient throughput, enhanced clinical productivity. Monitoring parameters include HR/PR, ECG, Resp, NIBP, SpO<sub>2</sub>, CO<sub>2</sub>, Temp and IBP.



## Propaq<sup>®</sup> LT

- > Ideal for bedside, transport and ambulatory procedures—the one monitor you can deploy when and where you need it most
- > Compact design weighing about 2 lbs
- > Wireless connection to the Acuity Central Station



## Propaq<sup>®</sup> CS

- > Four visible waveforms on touchscreen—including two vectors of ECG
- > Neonatal, pediatric and adult modes
- > Wireless and hardwired connection to the Acuity<sup>®</sup> Central Station



## Propaq Encore<sup>®</sup>

- > Portable bedside and transport monitor that allows you to monitor patients of any age in any environment at any time
- > Hardwired connection to the Acuity Central Station



## Micropaq<sup>®</sup>

- > Patient-worn monitors that provide wireless two-way communication of multiparameter vital signs
- > Two visible waveforms
- > Supports ECG and motion-tolerant SpO<sub>2</sub>



## LIFE CRITICAL WIRELESS TECHNOLOGY FROM WELCH ALLYN

Welch Allyn patient monitors are designed to operate over life critical wireless networks adhering to 802.11a standards. Customers may choose to operate their Welch Allyn patient monitors on a dedicated 802.11a network or on a shared 802.11a/b/g network along with other hospital applications. In collaboration with industry leading wireless suppliers, Welch Allyn's solution is uniquely designed to offer significant improvements in security, scalability, reliability and cost while achieving performance (<0.5% drop-out) necessary for today's life critical wireless networks.

# The Welch Allyn Acuity Central Monitoring Station

Flexible Monitoring with the Acuity Central Station and Welch Allyn's advanced patient monitors enables you to care for patients in lower-cost settings by instantly converting any bed into a centrally monitored bed.



The heart of our revolutionary Flexible Monitoring system, the Acuity Central Monitoring Station gives you the power to centrally monitor any number of patients with a single, easy-to-use interface. View real-time patient data, up to 96 hours of full-disclosure waveforms, ST analysis, and multilead arrhythmia events, analysis, and review. From one central location, the Acuity Central Station lets you monitor patients just about anywhere in your facility—saving clinicians' time and shortening patients' lengths of stay.



## Standard Acuity Central Monitoring Station Features

- > Customized map of care unit shows each patient's status and assigned location
- > Monitoring of up to 60 patients from a single central station
- > Control of both wireless and hardwired patient monitors from one central station
- > Adjustable alarms at patient monitor or central station
- > Bidirectional communication between patient monitor and central station allows remote control of parameters settings, alarm limits, etc.
- > Easy-to-read color graphics indicate patient and equipment status
- > Multiple screen options for displaying patient data
- > Standard off-the-shelf network components
- > Open architecture communications protocol, scalable to protect your investment
- > 24-hour remote technical support via modem or VPN to ensure rapid assistance

## The Acuity Central Monitoring Station is also available with:

- > 24- or 96-hour Full Disclosure
- > Multilead Arrhythmia Analysis, ST Analysis, and Event Review
- > Real-time CPU backup capability
- > Ability to network multiple Acuity stations for enterprise-wide patient data review
- > Printer with standard 8.5 x 11 or A4 paper for patient records
- > Multiple printout options, including trends, snapshots, and print-on-alarm



# Extend Patient Care with Customize your Acuity Central Monitoring options that deliver the critical information

## ACUITY FULL DISCLOSURE OPTION

Waveforms and vital signs data for all patients for up to 96 hours...automatically!

Full Disclosure at your fingertips:

- Real-time patient data <
- Up to 96 hours of waveforms <
- Ability to print numeric, graphic, tabular, and waveform data <
- Simultaneous ECG correlation with blood pressure, SpO<sub>2</sub>, and all other monitored waveforms <
- Convenient access to all review screens <
- Color-coded review of patient status over time <



Full Disclosure Waveform Review Window

## ACUITY ARRHYTHMIA OPTION

Using Mortara's VERITAS™ advanced arrhythmia analysis, Arrhythmia Event Reviewer gives you fast, accurate, easy-to-navigate detail

With the Arrhythmia Event Reviewer, you get:

- Fast arrhythmia identification <
- Quantitative arrhythmia summary <
- Single-click event review <
- Event duration <
- Easy sorting <
- Print summaries <
- 4-, 8-, 12-, 24-hour review periods <
- Visible alarm priority <
- 24- or 96-hour full disclosure <
- Easy access to details on arrhythmia events <



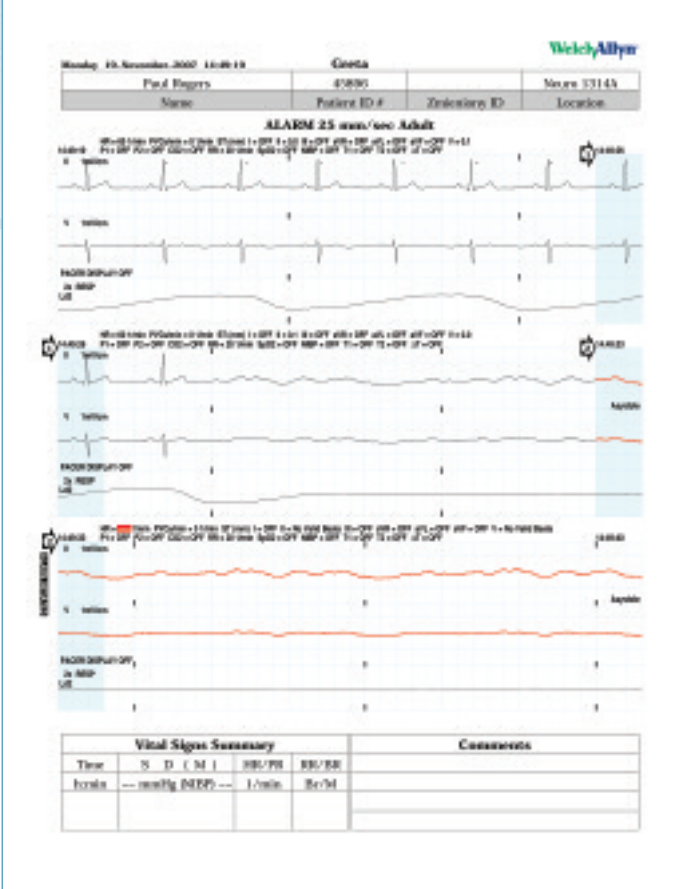
Arrhythmia Event Reviewer

# Acuity's expanded capabilities

Station with the software you need.

Full Disclosure stores all monitored waveforms from all monitored vital signs automatically for every patient. With the full disclosure option, you get:

- Graphical and Tabular Trends viewer for rapid < review of all vital signs and events
- Graphical and Tabular Trends printouts that facilitate patient charting <
- Color-coded alarm events for easy identification <
- Ability to custom-configure the system to print on alarm <

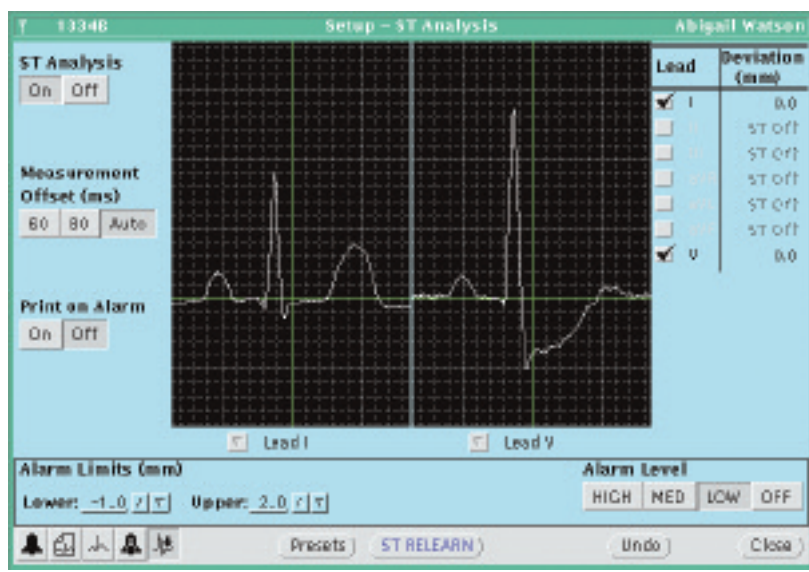


Waveform Snapshot Printout

## ACUITY ST SEGMENT ANALYSIS

The ST Analysis option analyzes the ST segment of the ECG waveform for changes that may indicate myocardial injury or ischemia in adult or pediatric patients. With ST Analysis, you can select:

- Leads for ST analysis <
- Measurement offset and deviation limits <
- Alarm priority level <



ST Analysis Setup Window

### With Welch Allyn Connectivity Options

- > Transfer patient data directly to hospital Clinical Information System via a standard HL7 interface
- > View patient data snapshots remotely with WACS Web Server



## Clinical Training

Once your facility makes the decision to embrace Flexible Monitoring, our team of clinical consultants will provide clinical application training to nurses, telemetry technicians, and physicians who will use the equipment. The Partners in Care program includes classroom training, educational materials, and monitoring tips, as well as safety information. And additional technical and clinical assistance is always just a phone call away.

Call us today at 1.800.289.2500 and find out how Welch Allyn Flexible Monitoring service and training can help you improve patient outcomes and realize the positive return on your monitoring investments.

## Warranty

Your Acuity Central Station comes with a one-year hardware component and software warranty. Ask us about the added value of modem diagnostics and technical phone support.

## Service

Twelve-month service contracts are also available for the Acuity Central Station. Ask your monitoring sales consultant for details.



Welch Allyn Acuity® Central Monitoring Station is built on the open architecture of the Sun Microsystems Computer Workstation.



Welch Allyn Acuity® Central Monitoring Station uses Mortara VERITAS™ advanced arrhythmia analysis for Arrhythmia Event Reviewer, for providing fast, accurate, easy-to-navigate detail.



Welch Allyn Acuity® Central Monitoring Station utilizes Aruba Mobile Edge Architecture for best in class HIPAA security, a superior voice and data network solution and high availability for critical applications.

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