CARESCAPE
Central Station

Powerful insight.
Streamlined design.
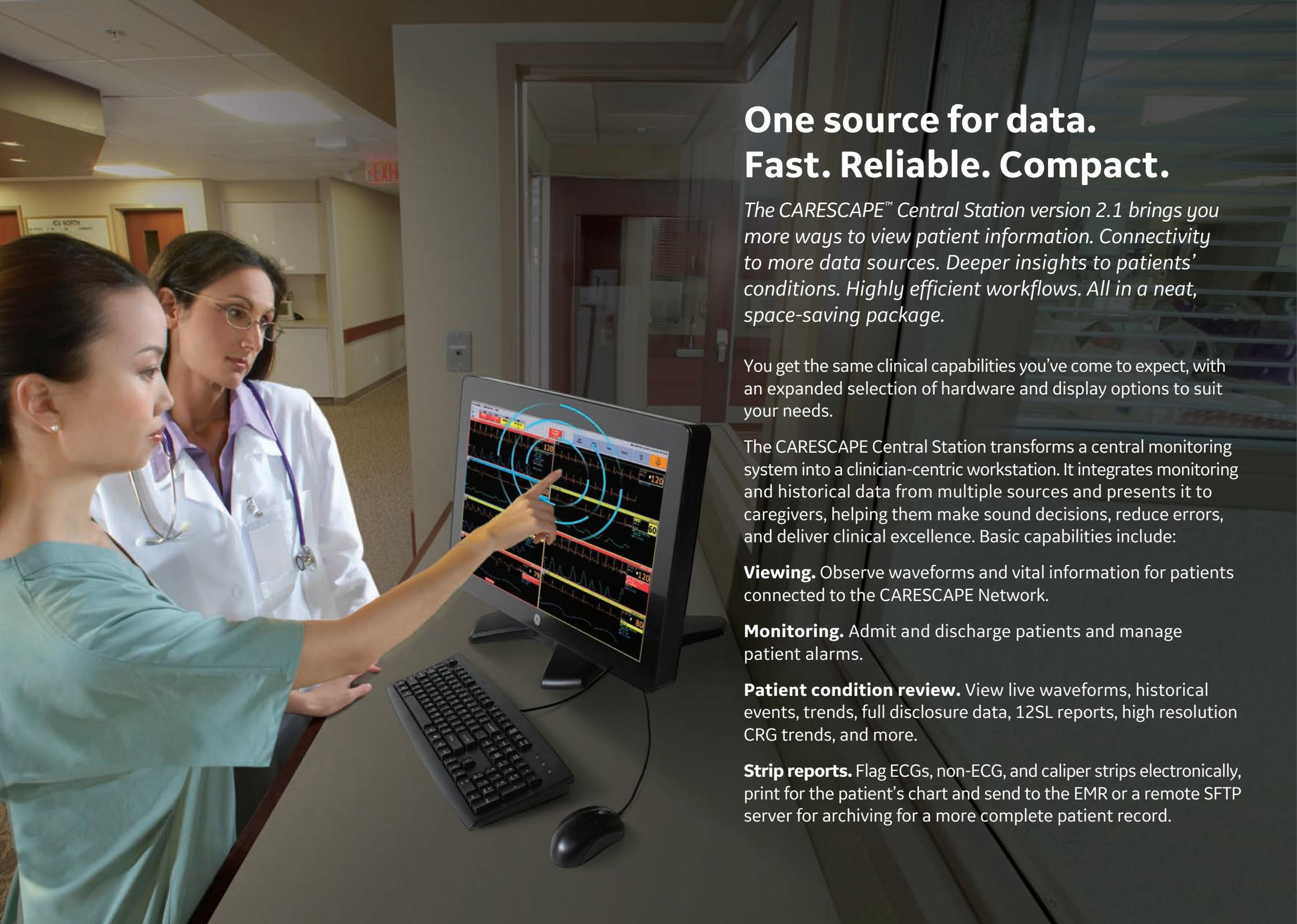
One source for data.
Fast. Reliable. Compact.

The CARESCAPE™ Central Station version 2.1 brings you more ways to view patient information. Connectivity to more data sources. Deeper insights to patients' conditions. Highly efficient workflows. All in a neat, space-saving package.

You get the same clinical capabilities you've come to expect, with an expanded selection of hardware and display options to suit your needs.

The CARESCAPE Central Station transforms a central monitoring system into a clinician-centric workstation. It integrates monitoring and historical data from multiple sources and presents it to caregivers, helping them make sound decisions, reduce errors, and deliver clinical excellence. Basic capabilities include:

Viewing. Observe waveforms and vital information for patients connected to the CARESCAPE Network.

Monitoring. Admit and discharge patients and manage patient alarms.

Patient condition review. View live waveforms, historical events, trends, full disclosure data, 12SL reports, high resolution CRG trends, and more.

Strip reports. Flag ECGs, non-ECG, and caliper strips electronically, print for the patient's chart and send to the EMR or a remote SFTP server for archiving for a more complete patient record.

Flexible configurations. Efficient use of space.

The CARESCAPE Central Station hardware is designed to conserve space, save you precious time, and adapt to your clinicians' preferences.

A wide screen with 16:9 aspect ratio lets you display more waveform information, and touchscreen capability makes workflow highly efficient.

Exceptional alarm configurability helps you limit nuisance alarms, fight alarm fatigue, and create quiet spaces where patients can heal.

Configuration options.

You can easily adapt the system hardware to fit your clinicians' viewing needs. Options include compact configurations with no CPU cabinet – the CPU is built right into the primary display. Speakers are also built in, so more desktop space stays clear and clutter free.

All-in-one system

Standard desktop system

Display options for all-in-one and standard desktop systems.[1]

Secondary display

Remote display

Mirror display

A secondary display extends the work surface of the primary central station and is dedicated to the review of a single patient's data. One keyboard and mouse can be shared across the primary central station and the secondary display.

A remote display is an exact representation of what is shown on the primary central station. This non-interactive and non-audible display is ideal for applications such as a hallway display.

A mirror display provides an interactive workstation, displaying the same patients as the primary central station. Changes made at the primary central station are reflected at the mirror display and changes made at the mirror are reflected at the primary.

1. Customers can purchase their own remote display, up to 27". Please see data specification sheet for more information.

Get the whole picture.
Make quick, sound decisions.

Consider the power of one reliable source for patient information – current and past. That's the CARESCAPE Central Station. In critical care, cardiac care, telemetry, and emergency care, it delivers data to support confident decision-making.

Review monitor data. Get active as well as historic data as patients move within or between care areas. You can access data on patient stays for up to six days post-discharge. Data from recent visits can give valuable insight to patients' current conditions.

High-resolution CRG (cardiorespirogram). View the most minute respiratory events for neonatal patients.

Full disclosure. View up to six days of data, including:
• Arrhythmia events
• Non-arrhythmia events
• User created events
• Configurable page displays of ECG, respiration, SpO_2, IBP, and CO_2 waveforms
• 12SL or 12RL™ derived 12-lead ECG records from monitoring sessions

ST Review. Continuously monitor for subtle ST-segment changes and help detect the onset of adverse events. Data is recorded for up to six days and is available post-discharge.

Data integration. Import data from the MARS™ ambulatory ECG review station and the MUSE™ cardiology information system. Citrix® support enables access to additional clinical information.

Generate event strip reports. Create custom strip reports from an ECG or non-ECG event and send to three destinations simultaneously: EMR, laser, and/or PDF.

Powerful insight. At your fingertips.

*The **multi-viewer window** provides reassurance that point-of-care patient data is easily accessible for review and analyses.*

1. **Alarm display unit (ADU)** – Red, yellow, and cyan boxes provide quick access to up to four of the highest priority alarms for in-depth analyses.
2. **System status ADU** – Provides system status information.
3. **Review alarm settings** – A periodic visual notification to review the alarm settings of patients viewed on the central station.
4. **ST review status icon** – Conveys ST review status.
5. **Heart rate limit** – Provides visualization of high and low heart rate limits for each patient.
6. **Audio pause indicator** – Silence a single patient while reviewing that patient's data.
7. **Alarm volume indicator** – View and adjust volume level based on established workflow.
8. **Low priority alarm audio** – Signifies that low priority audio alarms at the central station are disabled.
9. **Patient selection** – Backlit for better visibility.
10. **Care note icon** – Indicates care notes were entered. Hovering over icons with a mouse will show additional patient information (e.g., allergy alert, nurse assignment, shift communication).
11. **Patient multi-viewer title bar** – Red, yellow, and cyan bars are easy to see from a distance and flash based on alarm priority. Patient names can be removed from the display for patient privacy. Flashing title bar can be configured to stop flashing when an alarm is silenced.
12. **NO COMM** – Audio breakthrough when all alarms audio off.
13. **Pace** is enabled.
14. **Software and service information** – Displays the current software version along with the clinical application version and service platform.

Event review enables easy identification and selection of events to be part of the patient's medical record.

1. **Filter** – Filters patient events by ECG and non-ECG events.

2. **Add to report** – Allows users to flag an event to a strip report for printing or archiving.

3. **Annotate** – Enter free-form notes to elaborate on an event.

4. **Review status** – A **+** indicates a new event, a ✓ indicates the event was reviewed and an ✕ indicates the event was deleted.

5. **Additional event indicator(s)** – Conveys if a flagged event has been added to a strip report, contains an annotation, and/or shows the non-arrhythmia alarm setting.

6. **Caliper measurements** – Depicts location of caliper measurements taken for the event and labels values on the strip.

*The **ST review** feature obtains 12SL records from supported bedside monitors every minute for up to the licensed full disclosure length (i.e., 24, 48, 72, 96, or 144 hours). ST-segment records are also available for review post-discharge.*

1. **Median view** – Simultaneously displays reference and current 12-lead to show subtle changes over time.

2. **ST Review enabled** – Optional multi-viewer indicator to show that ST review is enabled and that additional 12-lead patient history is available.
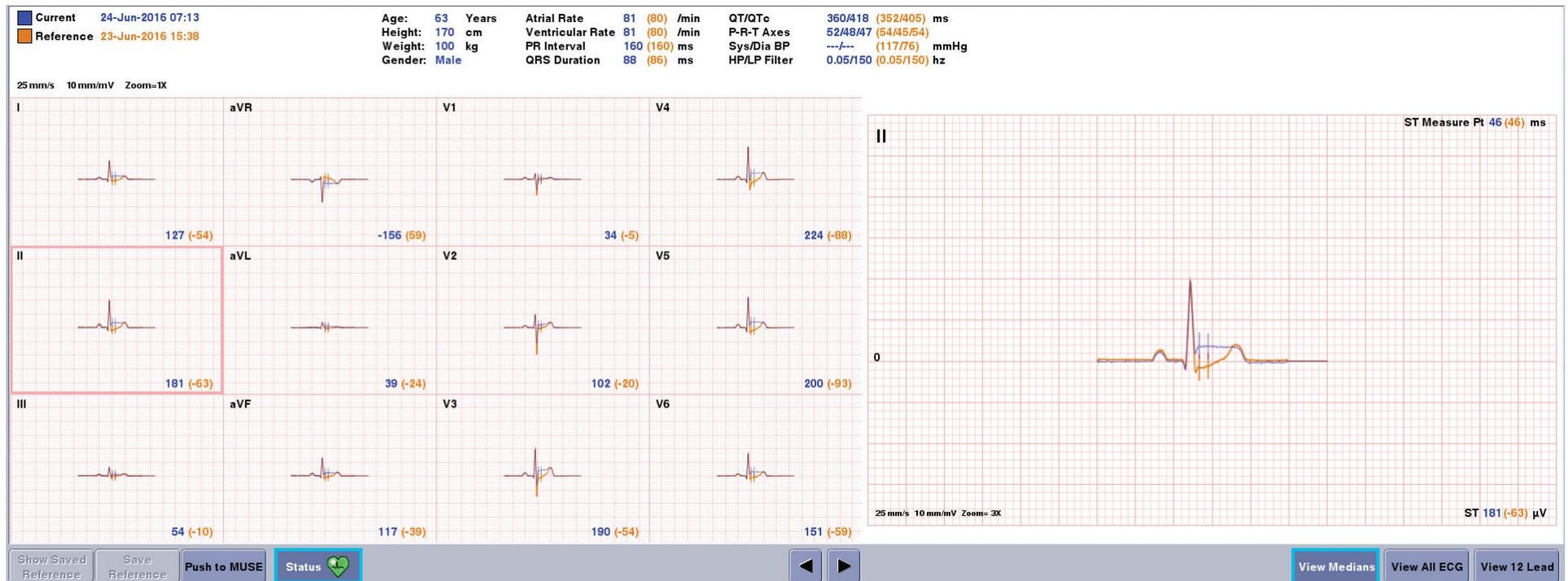
High-resolution graphic trends *provide a significant increase in fidelity for clinical review of oxy-CRG parameters.*

1. **Graphic trends** – Offers customizable graphic trends based on workflow.
2. **Time range** – Select the time range to view graphic trends. Time range options include 1^2, 15, and 30 minutes and 1, 2, 4, 8, 12, and 24 hours for up to 72 hours.
3. **Trend group** – View graphic trends by configurable parameter group.
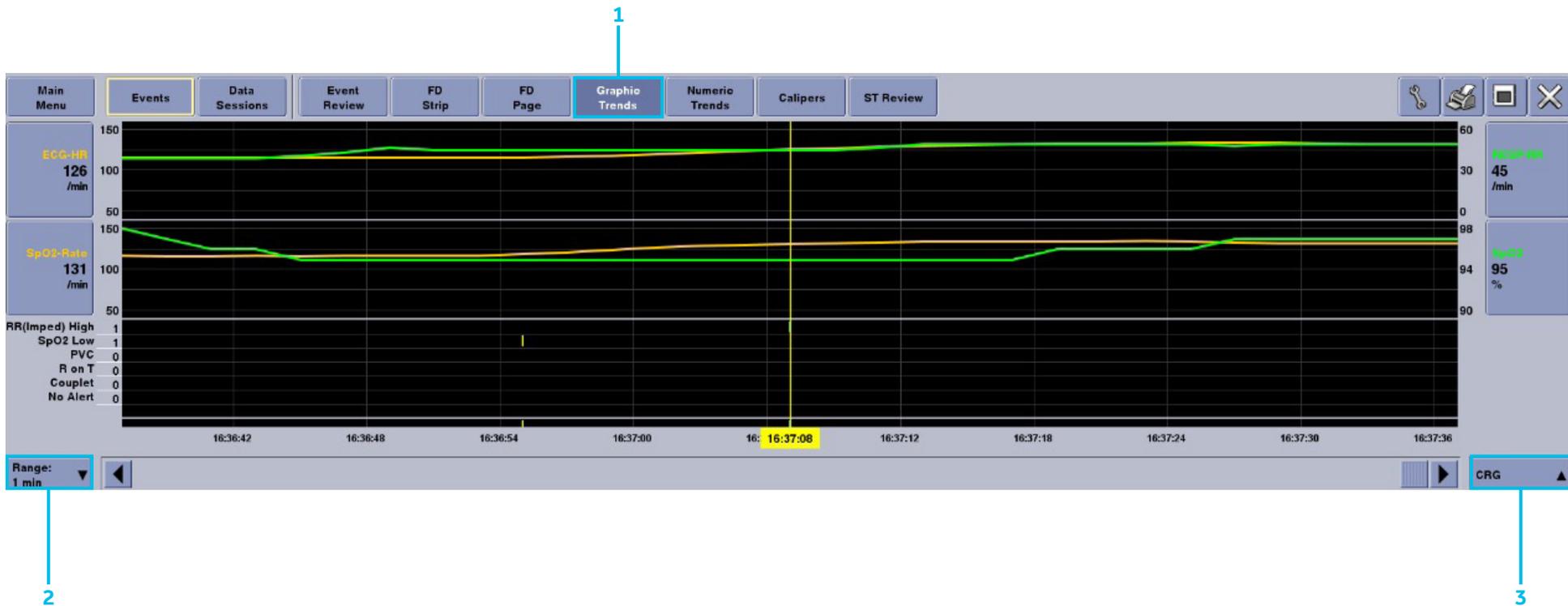
Non-arrhythmia events *offer configurable options to capture parameters for respiration rate, apnea, SpO_2, and SpO_2 pulse rate. Automatic capture and listing in Event Review provides easy clinical access and review.*

1. **Event review** – View non-arrhythmia events.
2. **Event indicators** – Shows the non-arrhythmia alarm setting.

3. **Event viewer** – Displays the non-arrhythmia event waveforms.
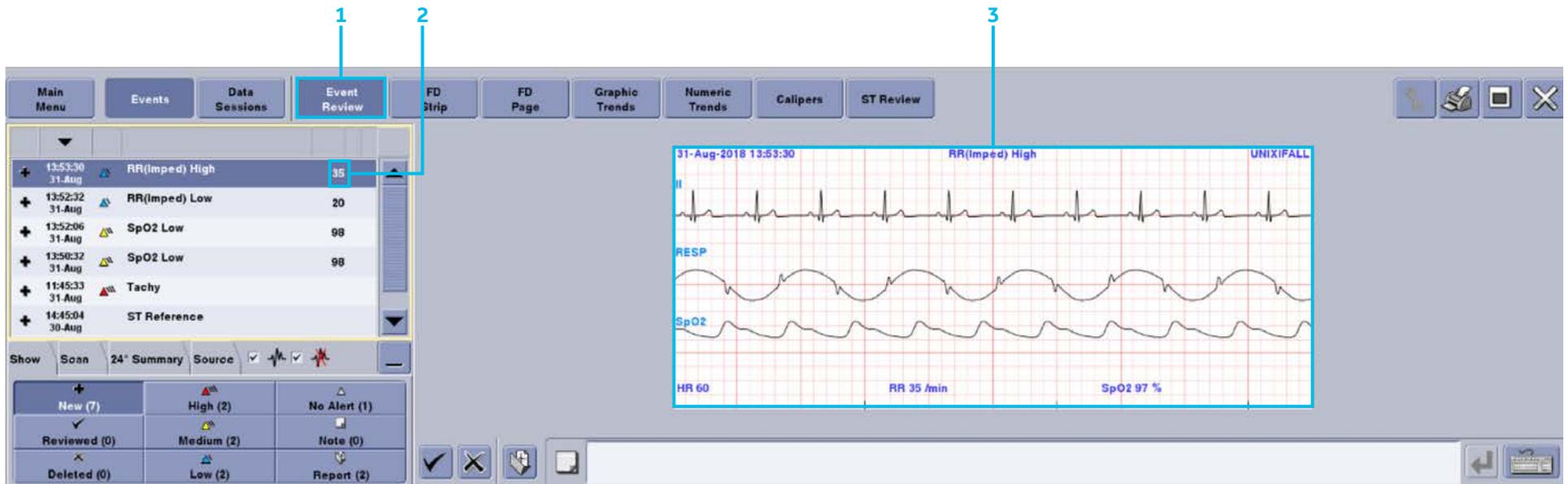
***Data continuity** provides access to historical data to help clinicians distinguish between new and pre-existing conditions. Licensing options allow up to six days (144 hours) of full disclosure, which can help provide valuable information relevant to a patient's current condition. Post-discharge data is also useful for retrospective analyses, such as morbidity and mortality reporting.*

1. **Full disclosure** – Helps clinicians distinguish between new and pre-existing conditions and allows access to patient data for up to six days (144 hours).

2. **Session(s) available** – Allows choice of current monitoring session(s) (grey) or prior monitoring session(s) (orange).

3. **Post-discharge** – View previous monitoring sessions for up to six days (144 hours). User created events can be generated from previous session data.

***Strip reporting** allows users to create ECG strips electronically, eliminating manual paper strip cutting and gluing. Reports can be printed for scanning into a patient's chart or sent electronically as PDFs to the EMR or a remote SFTP server for archiving.*

1. **Printer destination** – Save the report as a PDF, choose a network laser printer(s), or electronically send the report directly to the patient's record in the hospital's EMR system.

2. **Strip report comment** – Summarize multiple event annotations – this is typically more than one event. Report comments can be configured as part of the strip report.

3. **Strip report** – Summarize the number of events, date and time range, report comment, signature lines and form number.

Enjoy high uptime. Enable peace of mind.

The CARESCAPE Central Station is designed for reliable, flawless performance on a proven platform. The latest design has fewer cables and no moving parts. The disk drive is solid-state, without cooling fans.

Best of all, with InSite™ ExC service, delivered by secure broadband connectivity,[3] GE experts can help you diagnose and resolve many issues without waiting for an engineer's visit.

In addition, biomedical engineers can access Webmin service administration tools from a workstation to support networked device troubleshooting. They can also download clinical and service package updates.

3. Not available in all areas. Check with your sales representative for availability.

Imagination at work