

Fetal surveillance without limitation
Flexible, intuitive & powerful



Sonicaid Fetal Surveillance Software

Choose the software that suits your needs

BE ABLE TO RETRIEVE CTGs and related patient notes instantly. Access to centrally archived data provides a completely integrated approach to home, community and hospital monitoring.

BE ALERTED TO fetal and maternal complications with audible and visual alerts; both are user customisable to fit with local protocols.

REDUCE ADMINISTRATION TIME with our fast patient data entry screen, fully customisable to fit with your local practices, allowing more valuable time to be spent caring for the mother.

ROBUST ARCHIVING and back-up options resolve all the problems associated with traditional paper records and enable compliance with electronic patient record strategies.

CLINICAL GOVERNANCE/RISK MANAGEMENT tools support the delivery of high quality care.

TRAINING AND EDUCATION can be assisted with reference to stored CTGs and outcomes.

OUR RELATIONSHIP EXTENDS BEYOND INSTALLATION with our interactive remote access support facility, along with comprehensive service support contracts and installation support services.

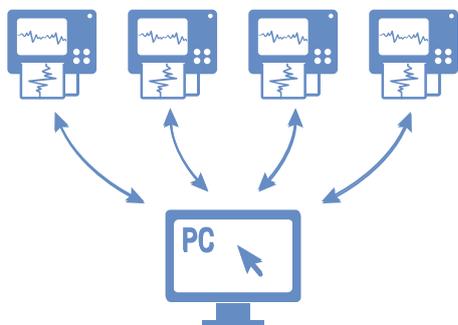
CONFIDENCE in a high quality system backed up by Huntleigh Healthcare's highest quality support services.

DOPPLER DOCUMENTAION

Archive traces and sounds to our software packing providing a record of intermittent auscultation examinations.

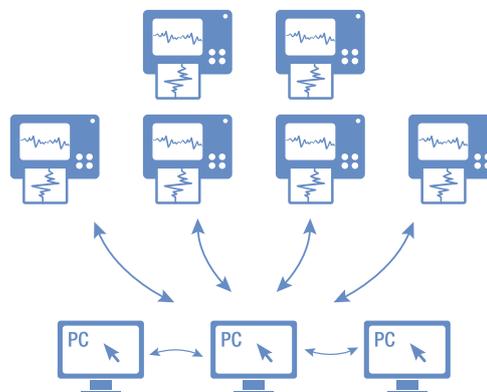
Sonicaid FetalCare 3

The ideal Solution for your Doctor's office system



Sonicaid FetalCare 3 is ideal for use in a doctor's office environment. The system supports up to 8 fetal monitors connecting into a single PC workstation.

Equally at home in Hospitals & Clinics



FetalCare 3 is highly scalable and support multiple access clients, interfaces and server based installations.

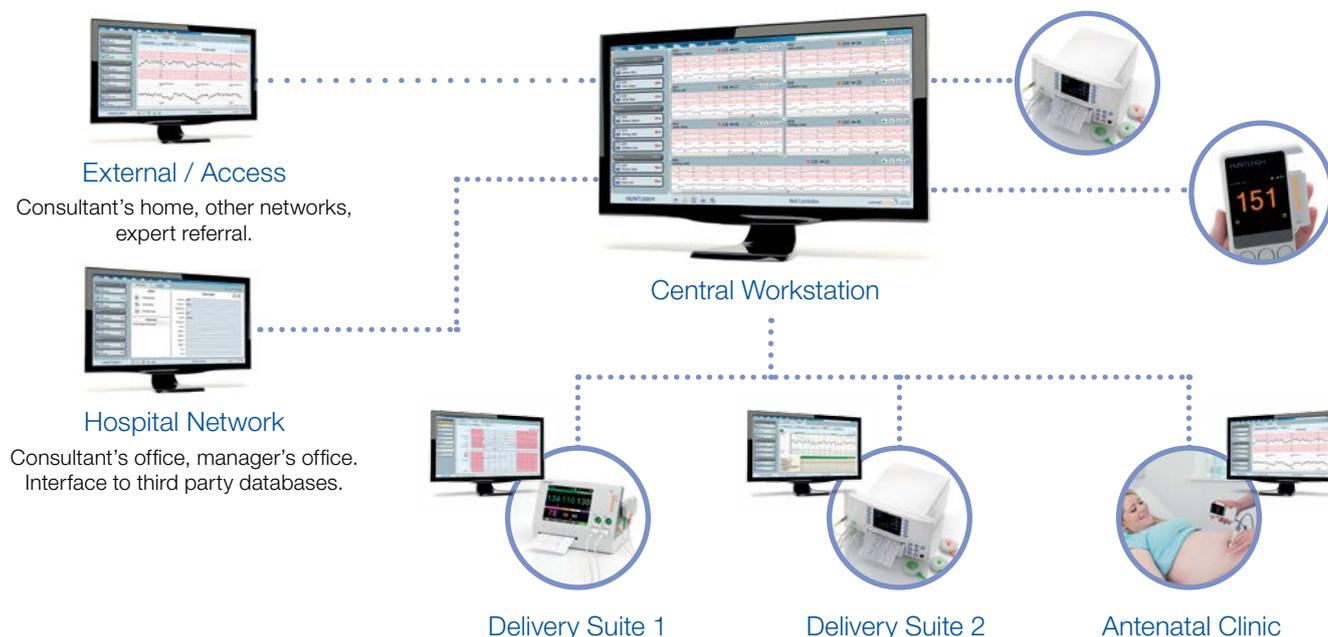
Sonicaid Centrale 3

Hospital System

- Server based
- Supports unlimited number of fetal monitors
- RS232 / TCP/IP wired connectivity
- Wireless communication option also available

Fully Integrated System

A wide range of system configuration options are available including wireless connectivity, interfacing to third party databases, site-wide or multi-campus remote access, ambulatory and remote fetal monitoring.





CTG Archiving & Reviewing Software For the Doctor's office, clinic or hospital

[Sonicaid FetalCare 3](#) is a CTG viewing and archiving system which meets the growing demands for centralised electronic patient records. It combines live reception and viewing of CTG traces from one or more fetal monitors and auscultation data from our Sonicaid Digital Dopplers, with a patient database for trace & patient data storage. Full networking capability allows live traces & stored records to be viewed from one or more locations, including remote access for expert referral, consultation.

Sonicaid FetalCare 3

What Sonicaid FetalCare3 delivers:

- Interactive, live CTG trace view
- Annotate clinical actions, medication, etc. live on-screen
- Alerts users to traces which fall outside user-set rate limits
- Document patient notes in the patient database
- Automatic trace archival for robust CTG storage
- Manage multiple CTGs simultaneously with the interactive multi-bed view
- Quick & easy trace retrieval for case review, training & expert referral
- Eliminate the problems associated with subjective opinion based CTG interpretation using the advanced Dawes-Redman CTG analysis option.
- Auto-install with remote licence activation for easy installation and upgrading as required
- Free 28 day demo mode included as standard
- Supports MS Windows™ based operating systems for both PC & server based solutions

The system is scalable and can be extended to include:

- Support for upto 8 beds. Sonicaid Centrale 3 caters for larger systems.
- Bed view management
- Interactive, live, multi-bed views
- Remote access from any number of access terminals
- Regional networked solutions
- Support for interfacing Neoventa STAN® fetal monitors



Scaleable Solutions

There are many pressures on clinicians today – not least, the drive towards centralisation of patient information and a move to electronic patient records. In some markets, there is also a need for seamless integration of a local EPR system into larger regional or national systems.

- Sonicaid Centrale 3 is highly scaleable from a single CTG / laptop system to a server based, unlimited CTGs, fully networked installation
- Unlimited additional access terminals (clients) can be added
- Complete regional solutions are supported with multiple sites linked into a central database. Advanced bed group profile tools allow beds to be effectively managed across multiple sites
- Static & concurrent (floating) client licences are supported. For larger installations, concurrent licences allow for multiple users, from any terminal, without having to purchase licences for each and every terminal. Static licences guarantee access to key client terminals irrespective of how many users are logged in elsewhere
- Single Sign-on is supported, avoiding the need to log-in to Windows and Sonicaid Centrale separately. This also allows the use of other user authentication tools such as card scanners and finger-print readers
- Remote access allows expert access & referral from anywhere (subject to local security protocols)

More than just an a

CTG A

Live CTG Viewing



- Live single CTG trace view
- User configurable high rate, low rate & loss of contact alerting
- Trace scrolling
- Trace annotation tool – choose from pre-defined drop-down list or free text annotations
- CTG annotations include operating mode, date, time
- Includes STAN™ support option
- Colour separation for twins, triplet traces, including visual channel coincidence marking

Multi-Bed View



- View multiple live traces simultaneously
- Interactive – print, annotate & alarm functions still accessible for each trace
- Simple "Point & Click" switching to single trace view for any trace view
- View unassigned traces

Archiving



- Fully automated trace archiving to patient record
- Quick & easy trace retrieval for case review, training & expert referral
- SQL Express included as standard - Upgrade to full SQL database for larger systems
- Database management tools
- Archive intermittent auscultation examinations with our Sonicaid Digital Doppler interface.



- Available as an optional & stored traces
- The world-renowned "Data Interpretation" software for expert interpretation
- Now based on a database making it massively more powerful
- Includes longitudinal trend parameters
- Clearer on-screen results

Archiving system...

Analysis



upgrade for analysis of live

awes-Redman" CTG

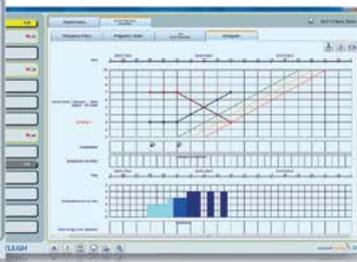
se of over 100,000 traces,
e robust & powerful
d graphs of key analysis

reporting

Case Review and Education

- Allows quick & easy trace retrieval for case review
- Annotation tool & patient notes allow review notes to be added retrospectively
- Powerful platform for expert referral
- Remote networking allows authorised access from any location
- Analysis option provides powerful training platform
- Intuitive user interface minimises training overhead
- Supported by Huntleigh's "H.E.L.P" education & learning program

Partogram*



This electronic form can be tailored using a standard set of tools to match existing paper records or customised to provide enhanced ease of use over the paper version.

- FHR/MHR/Mat BP
- Cervical dilation, station and fetal head orientation
- Contractions (No. per 10 mins + strength)
- Text fields for drugs, notes etc
- 15, 30 and 60 minute observations
- Labour progress lines

Trend View



- Graphic trend views of key parameters
- Baseline rate graph
- STV graph
- Fetal movement graph
- Provides longitudinal view of key trends as the pregnancy progresses
- Powerful pregnancy management tool

* Sonicaid Centrale 3 only

...powerful, flexible, easy to use



The Complete Fetal And Maternal Surveillance, Archiving And Reporting Solution

Sonicaid Centrale has been designed as a flexible operating platform on which a wide range of system configurations and options can be built. The entry level package provides a CTG focussed viewing and archiving system. Fully loaded, it provides a comprehensive networked antenatal & labour management system with links into hospital databases, outputs to national databases and other options, providing a totally integrated service.

What Sonicaid Centrale delivers:

- Reliable CTG viewing and archiving
- Unique 'point and click' user interface minimises training
- Fully interactive single and multi-trace views
- Unique tele-fetal monitoring option provides total continuity of care
- Unique Dawes-Redman CTG analysis option
- Flexible design with wide range of options to meet local requirements
- Remote access for case review expert referral and training
- Interface to hospital databases avoids double data entry
- Configurable FHR user alerts
- Support for maternal vital signs data
- Clinical database for referral and training
- STAN™ support option
- Powerful platform for risk management and clinical governance
- Enhanced standard of care

Sonicaid Centrale 3

Quick and easy access to beds

Manage beds by bed group

System Buttons

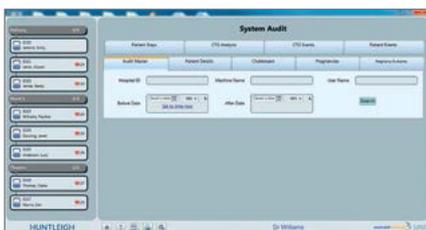
On screen annotation

Interactive real time display

Customisable display of patient details meet patient confidentiality requirements

Dr Williams

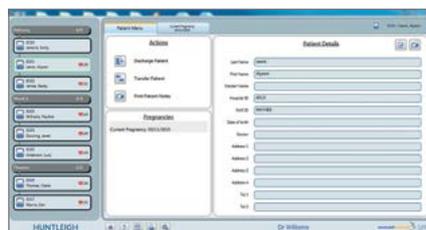
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Security and Audit

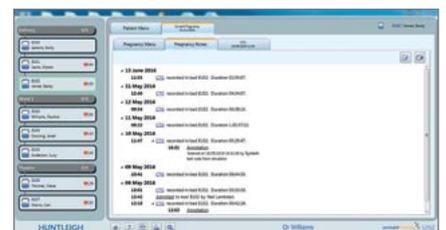
Supports MS Windows single sign on (SSO) for flexible user access control.

Provides a range of tools to effectively manage multiple users and to implement clinical governance with a powerful 'who did what, when' audit tool.



Interfacing to 3rd Party Databases

Provides a seamless interface to Hospital Information Systems and other 3rd party databases to avoid time-wasting double entry of patient demographic information.



Statistical Analysis

The system can be configured to export data for analysis including: Data charts, Pregnancy Details, Delivery Time and Date and Delivery Details.

Dawes-Redman Trace Interpretation

...your expert eye



"Having identified the problems with traditional CTG interpretation, and after dedicating over 35 years' on-going research with the team at Oxford University, I'm delighted to see our analysis increasingly being used worldwide in Huntleigh's products... knowing the benefit this gives in helping babies to enter the world safely & avoiding some of the tragic outcomes we see when CTG interpretation goes wrong."

Professor Chris Redman



sonicaid

**Dawes-Redman
CTG Analysis™**

...your expert eye

What Is Dawes-Redman CTG Analysis?

It is a unique software tool which provides a numeric analysis of the CTG trace and a robust interpretation based on the world renowned Dawes-Redman Criteria.

This is the result of the largest study of its type ever undertaken, conducted by Professors Dawes, Redman et al, at Oxford University.

Why Is It Needed?

- Because the traditional approach of assessing a trace by eye is based on highly subjective opinion. This has been shown to be a major problem.
- Because communication based on subjective opinion ("It looks a bit flat") has also been shown to be associated with poor outcomes.
- Because training is often very limited.

Dawes-Redman Analysis Can Help By Improving Outcomes

- It is a powerful aid to pregnancy management and has the potential to avoid poor outcomes.

Increasing Efficiency

- With results in as little as 10 minutes it can speed up the time taken to perform CTGs.

Avoiding just one poor outcome can save £, \$, € millions.

"The Dawes-Redman Analysis is a robust and valuable system which is used here at King's Mill Hospital on a daily basis in the antenatal day unit. We have used this system for more than 10 years and it has proved invaluable in providing midwives and clinicians with robust and objective trace information when assessing mums. It provides tremendous reassurance to myself & my team and has proved to be a vital addition to our clinical procedures & practices."

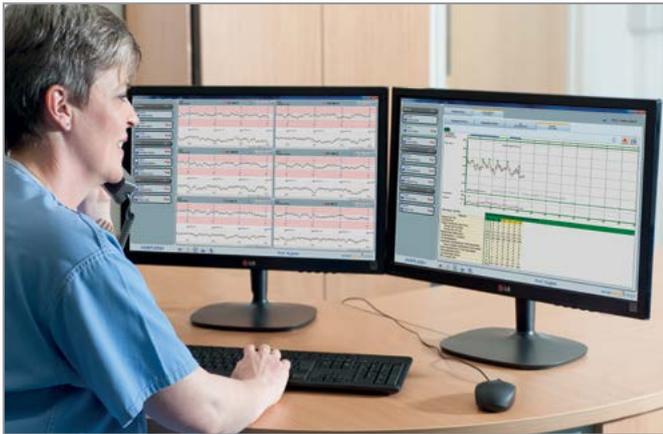
Consultant Obstetrician

"I soon realised it's potential and benefits...this can greatly reduce the time for women being monitored and reduce the length of their visit... I learned from the system and rather than replace my clinical judgement it supported it...I would recommend the fetal care system for use in any antenatal setting."

Antenatal Day Unit Manager

Install, Upgrade, Maintenance - We'll look after you all the way

With hundreds of installed maternity software systems worldwide, we are experienced in providing a complete solution tailored to the needs of the hospital. This can encompass local as well as regional variations in both in hardware and software configuration.



The installation process is key to the success of the system with many options or parts of the standard package that can be customised. We bring our experience to get the best out of the system and integrate this within the hospital's working practice taking it to the next level.

As a standard feature within the system a remote software support service is provided, allowing us to carry out fault finding and software upgrades should these be required. This is also available for overseas customers providing rapid 'on site' support as quickly as a mouse click.

We can keep the system up to date during the warranty period or if the system is covered by a service contract.

Service contracts are available to provide the same high level of support throughout the lifetime of the product; several levels of cover are available allowing us to work in alliance with local support staff to provide optimum response.

Remote service support Confidence, continuity & care

Our software can be provided as "supply only" or with an "installation support package", providing on site or remote installation and project support as required.



sonicaid® Software Systems

FetalCare 3 / Centrale 3 - Functionality

Product Features	FetalCare 3	Centrale 3
Number of beds/CTGs supported	Maximum 8	Unlimited
User access control	◦	◦
Audit tool	◦	◦
Partogram		◦
CTG analysis option – 100,000 version	◦	◦
HL7/ODBC/other Interfaces (to 3rd party databases)		◦
GDT interface (Germany)	◦	◦
Bed group profiles		●
Chalkboard & admin screen		◦
Tele-fetal monitoring support	◦	◦
Support for multiple pregnancies	●	●
Patient transfer (bed to bed)		●
Multi-lingual	Full worldwide language support	Full worldwide language support
Simple auto-install	●	●
Sonicaid Digital Doppler interface	◦	●
Multiple Access Terminals	◦	◦
Remote Access	◦	◦

● = Supplied as standard ◦ = Available as option



Global coverage and support

HUNTLEIGH *...performance for life*

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