HUNTLEIGH

SONICAID™
CENTRALE

the complete fetal and maternal archiving and reporting solution

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.

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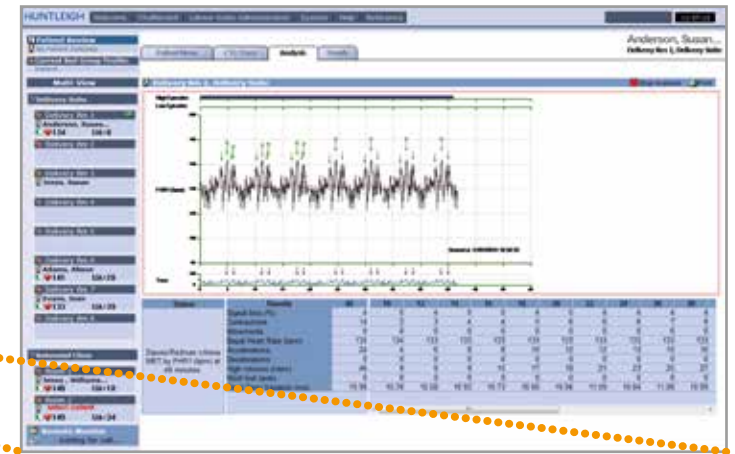
What sonicaidCentrale delivers

- 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 expert referral
- 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

The world renowned sonicaidCentrale is an easy to use electronic patient record system for CTG viewing and archiving, and, in a delivery suite environment, a complete labour management system. It provides a powerful platform for addressing risk management and clinical governance issues, and enhancing standards of care by providing instant access to a wide range of patient data, guidelines, protocols and other related information. It also provides a platform for expert referral, training and case review. Optional reporting tools provide output for reporting, research etc.

surveillance,

sonicaidCentrale

Tabs for quick and easy switching between active views

System buttons

Log in and out option

Customisable display of patient details meet patient confidentiality requirements

Quick and easy access to beds

Manage beds by bed groups

KCI – allows critical data to be highlighted

Interactive real time display

On screen annotation

Unique Dawes-Redman CTG analysis

In standard configuration, **sonicaidCentrale** is a CTG viewing and archiving system allowing real-time remote viewing of CTGs with automatic archiving.

Using our unique 'point and click' user interface, the system is intuitive, quick and easy to use with a minimum of training.

A wide range of options includes a partogram for labour management and the world renowned Dawes-Redman CTG analysis.

The analysis derives data that cannot be determined by visual trace interpretation but has been shown to have a predictive value in fetuses at risk of developing hypoxia and intrauterine death.

MORE THAN JUST AN

LIVE CTG VIEWING

MULTI-BED VIEW

ARCHIVING
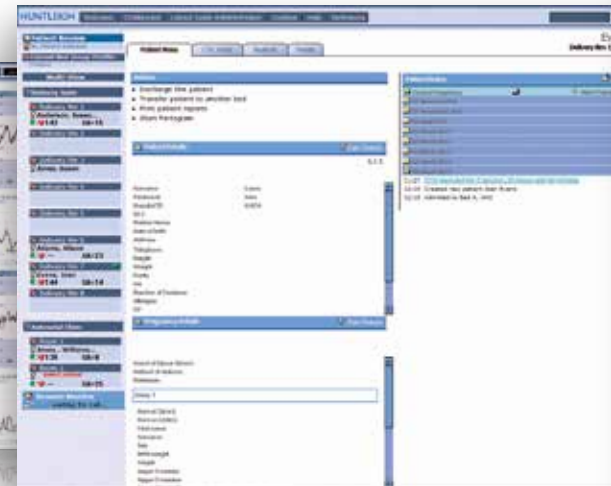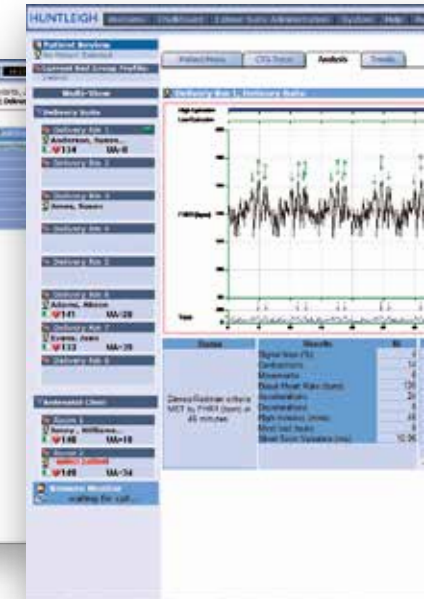

- Live single CTG trace view
- User configurable high rate, low rate & loss of contact alerting
- Trace scrolling
- Trace annotation tool – choose from pre-defined drop-down list or free text annotations
- CTG annotations include operating mode, date, time
- Includes STAN™ support option
- Colour separation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

- View multiple live traces simultaneously
- Interactive – print, annotate & alarm functions still accessible for each trace

- 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
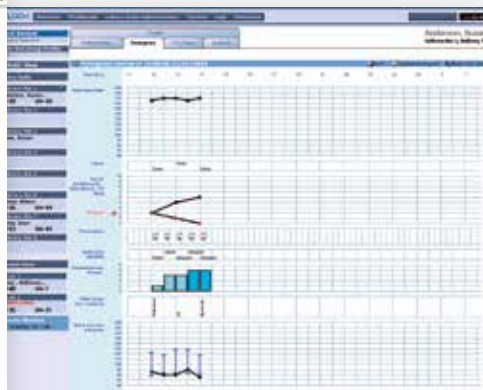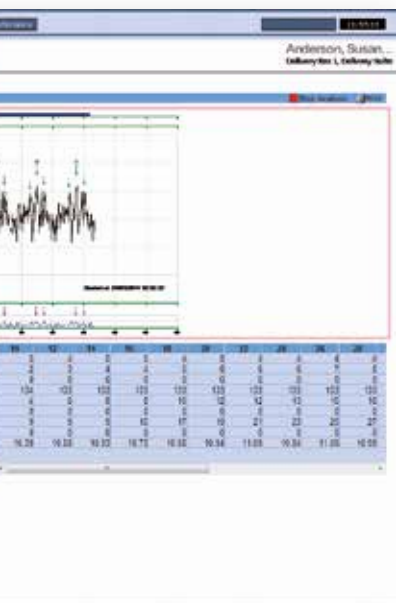- Database management tools

- Available as an optional upgrade
- The world-renowned "Dawes-Re
- Now based on a database of ove massively more robust & powerfu
- Includes longitudinal trend graph
- Clearer on-screen result reporting

ARCHIVING SYSTEM...

CASE REVIEW AND EDUCATION

PARTOGRAM

TREND VIEW

... for analysis of live & stored traces

... edman" CTG interpretation

... er 73,000 traces, making it
...ful.

... s of key analysis parameters

...g

- 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

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

- Graphic trend views of key parameters

- Baseline rate graph

- STV graph

- Fetal movement graph

- Provides longtitudinal view of key trends as the pregnancy progresses
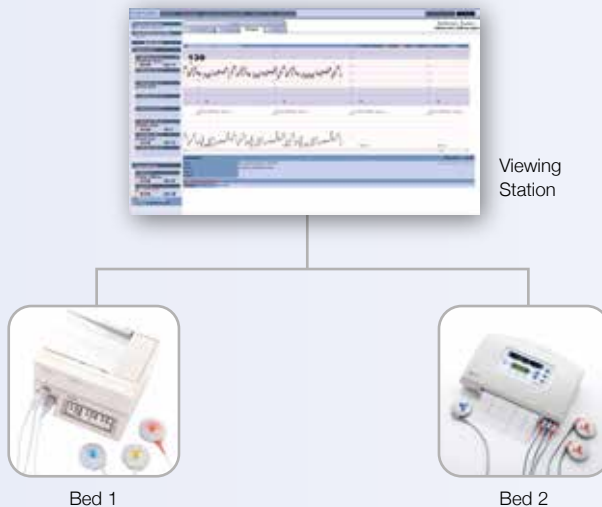
- Powerful pregnancy management tool

...powerful, flexible, easy to use

Flexibility – from simple archiving and fully networked systems with remote

sonicaidCentrale 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 labour management system with links into hospital databases, outputs to national databases and other options, providing a totally integrated service.
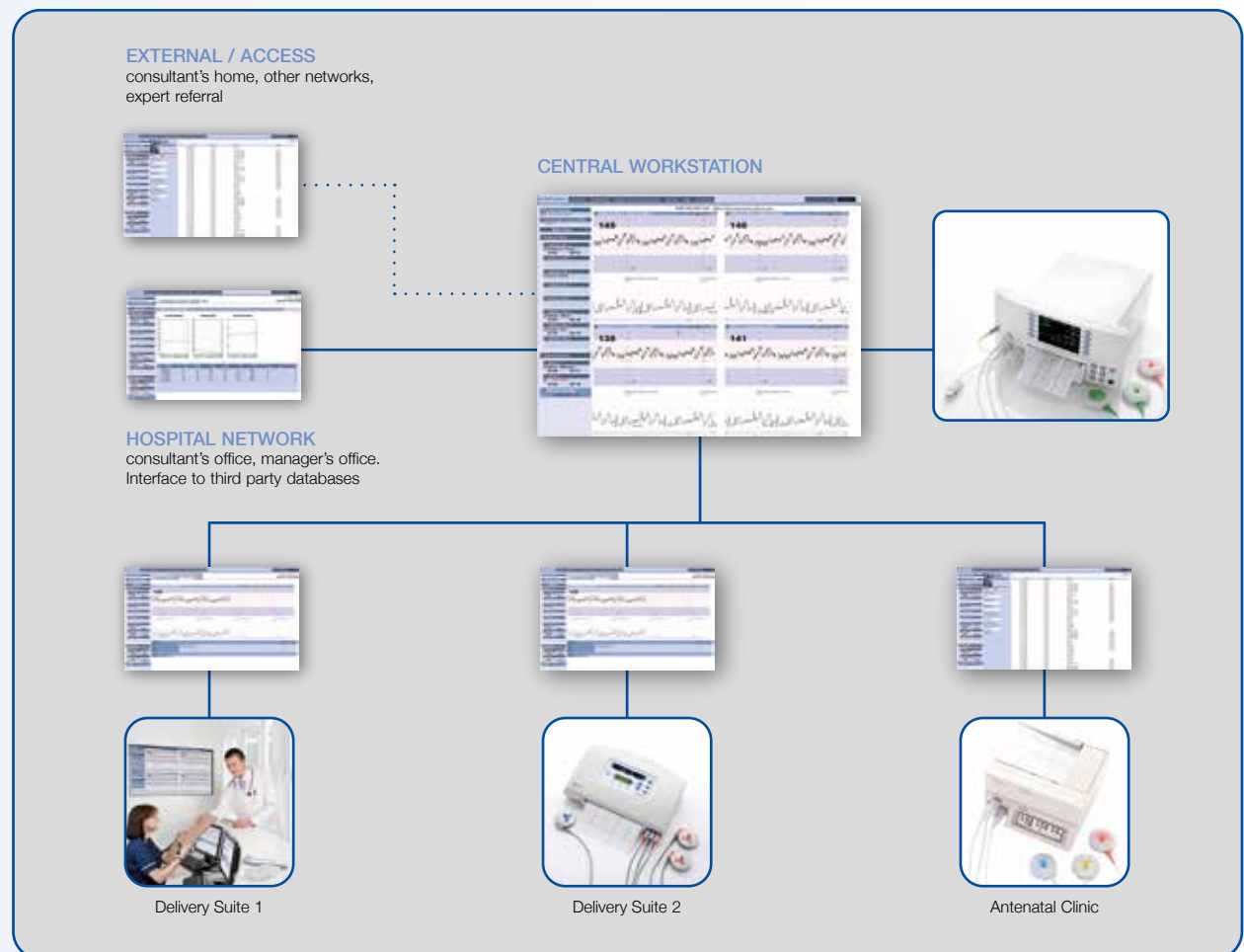
TYPICAL BASIC SYSTEM

- One central terminal
- Up to 72 fetal monitors
- RS232 / TCP/IP wired connectivity
- Wireless communication option also available

Viewing Station

Bed 1

Bed 2

TYPICAL 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

EXTERNAL / ACCESS
consultant's home, other networks, expert referral

CENTRAL WORKSTATION

HOSPITAL NETWORK
consultant's office, manager's office. Interface to third party databases

Delivery Suite 1

Delivery Suite 2

Antenatal Clinic

alerting to capability

SECURITY AND AUDIT

Provides a range of tools to effectively manage multiple users and to implement clinical governance with a powerful 'who did what, when' audit tool.
- User log-on with user name and password
- Manage access levels using user groups
- Enhanced security protects against hackers
- Audit tools – search on user, patient, workstation, date and time range

INTERFACING TO 3RD PARTY DATABASES

Provides a seamless interface to Hospital Information Systems and other 3rd party databases to avoid unnecessary and time-wasting double entry of patient demographic information. A range of interface protocols are supported, including:
- HL7 version 2.2 & 2,3
- Flat file
- ODBC

STATISTICAL ANALYSIS

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

Data is transferred into an Excel® Spreadsheet. (not included)

SYSTEM CONFIGURATION OPTIONS

A wide range of system configuration options are also available including:
- SQL database (recommended for larger installations)
- Real-time remote access from consultant's home, outlying clinic or hospital
- RAID5 server upgrade for robust solutions
- Back-up tools
- Ambulatory fetal monitoring
- Wireless networking
- Extra workstations with static or concurrent user licence options
- Split screen and other display options (eg. plasma, touch screens, etc.)

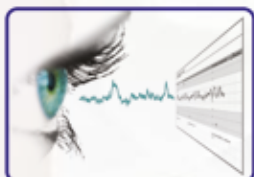| Hospital Id	Surname	First name	Method_of_childbirth	Perineum	birthtime	baby_1_sex	Obstetrician	birthdate	Midwife
1254632	williams	Jenny	Spontaneous	Intact	02:52:48	Boy	Mr Williams	12 Oct 2013	Jenny
Andres	Smith	Samantha	Spontaneous	Tear	07:12:00	Boy	Mr Franks	12 Oct 2013	Tracey
8798798	Adams	Alison	Spontaneous	Tear	02:52:48	Girl		1 Jan 2014	Andrea
8798798	Adams	Alison	Ventouse	Episiotomy	02:24:00	Boy	Mr Williams	1 Jan 2014	Sharon Jane
1234698	Anderson	Susan	Ventouse	Tear	00:14:24	Boy		2 Jan 2014	Diane
6564564	Jenny	Dubai	Ventouse	Episiotomy	07:12:00	Girl		2 Jan 2014	Jenny
6456456	Alyson	Oman	Forceps	Intact	02:52:48	Boy	Mr Smith	2 Jan 2014	Tracey
7474774	williams	jane	Ventouse	Intact	02:24:00	Boy		4 Jan 2014	Andrea
7474774	williams	jane	Forceps	Intact	02:58:00	Girl	Mr Smith	4 Jan 2014	Sharon Jane
8432424	Williams	Susan	Forceps	Intact	06:58:00	Girl		4 Jan 2014	Diane
8234234	kerry	Jones	Ventouse	Intact	06:06:00	Not known		6 Jan 2014	Jenny
7867686	Jones	Susan	Spontaneous	Tear	02:52:48	Boy	Mr Jackson	6 Jan 2014	Tracey
6546654	Jennifer	Williams	Spontaneous	Tear	02:24:00	Girl		7 Jan 2014	Andrea
1326565	Jenny	Williams	Forceps	Episiotomy	00:14:24	Boy	Mr Jackson	8 Jan 2014	Sharon Jane
1424234	williams	Sarah	Spontaneous	Episiotomy	07:12:00	Boy		10 Jan 2014	Diane
8778979	Clerk	Susan	Spontaneous	Tear	02:52:48	Boy	Mr Franks	11 Jan 2014	Jenny
8778979	Clerk	Susan	Forceps	Intact	02:24:00	Girl		20 Jan 2014	Tracey
4143412	Evans	Joan	Spontaneous	Intact	02:58:00	Girl	Mr Williams	21 Jan 2014	Andrea
1254632	williams	Jenny	Spontaneous	Intact	02:52:48	Boy		21 Jan 2014	Sharon Jane
5464464	Smith	Samantha	Spontaneous	Tear	02:24:00	Boy	Mr Williams	22 Jan 2014	Diane
8798798	Adams	Alison	Ventouse	Tear	00:14:24	Girl		23 Feb 2014	Jenny
8798798	Adams	Alison	Ventouse	Episiotomy	07:12:00	Boy		25 Jan 2014	Tracey
1234698	Anderson	Susan	Ventouse	Tear	02:52:48	Boy	Mr Franks	26 Jan 2014	Andrea
6564564	Jenny	Dubai	Forceps	Intact	02:24:00	Girl		28 Jan 2014	Sharon Jane
6456456	Alyson	Oman	Forceps	Intact	02:58:00	Boy		29 Jan 2014	Diane
7474774	williams	jane	Ventouse	Intact		Girl		30 Jan 2014	Jenny

why choose **sonicaid** and Huntleigh Healthcare?

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.

Fetal Heart Rate Analysis

archiving   analysis   ctg viewer

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