



**SPACELABS**  
HEALTHCARE

CARDIOLOGY INFORMATION MANAGEMENT SYSTEM  
Sentinel 11.5

Getting you to the  
Heart of the matter

98201

MD



# Cardiology Information Management System

The Sentinel Cardiology Information Management System is a powerful, scalable solution for all your diagnostic cardiology needs.

Sentinel is designed to work for you by fully integrating recordings, results, and reports into one central networked location for efficient review. Sentinel software is highly configurable and because it is web-based, reports can be easily viewed remotely, saving time, and providing flexibility in clinical use.

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## Critical Information at your fingertips

Sentinel's web-based architecture and mobile platform support provides immediate access to complete patient information. Accurate, comprehensive, and seamless, it enables effective patient care and efficient workflows.

- View recordings and reports from all diagnostic cardiology test areas.
- Review the patient file including reports, comments, and full audit history.
- Access batch review of reports via the web or on mobile devices, including physician report entry and confirmation.





# Scalability from...



A Single PC

TO...

Networked



TO...

Web-Based Network

Remote and mobile devices can access Sentinel from any location that has a web connection.



REMOTE SITE



MOBILE DEVICES



## HOSPITAL NETWORK





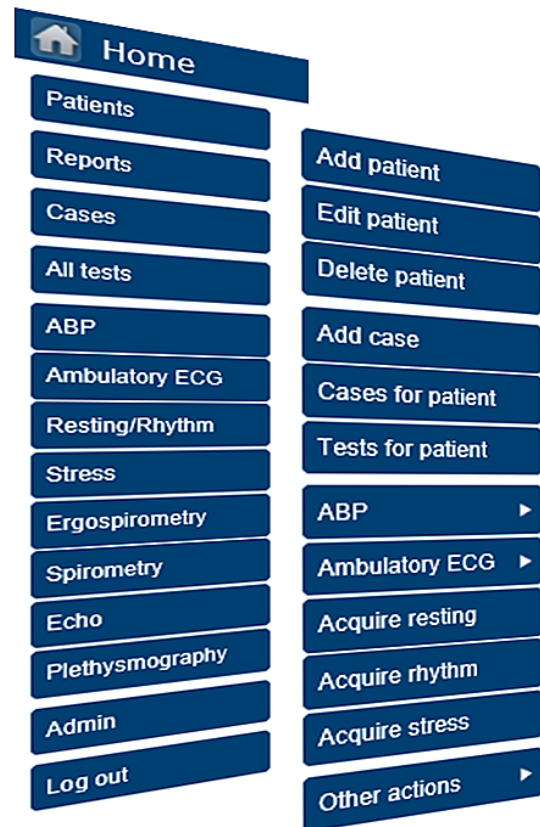
# Easy Control of Your Workflow

Sentinel simplifies the management of data and devices, consolidating multiple disparate systems into one user interface that can be adapted to your needs, helping to simplify analysis, reduce training requirements, and streamline workflow.

Most importantly, Sentinel lets you work the way you want to, improving your day-to-day efficiency and providing more time for patients.

Enhanced workflows allow the user to:

- Manage multiple devices and modules through one application.
- Utilize 'Test Centric' workflows to manage all activities in one screen, with minimal navigation.
- Track patient's throughout, using Sentinel's 'Patient Centric' workflow to manage multiple tests or activities from the patient record.



Sentinel  
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the matter



# Cybersecurity for client and workstations

Sentinel allows customers to use **Transparent Database Encryption (TDE)** to secure their Sentinel databases at rest.

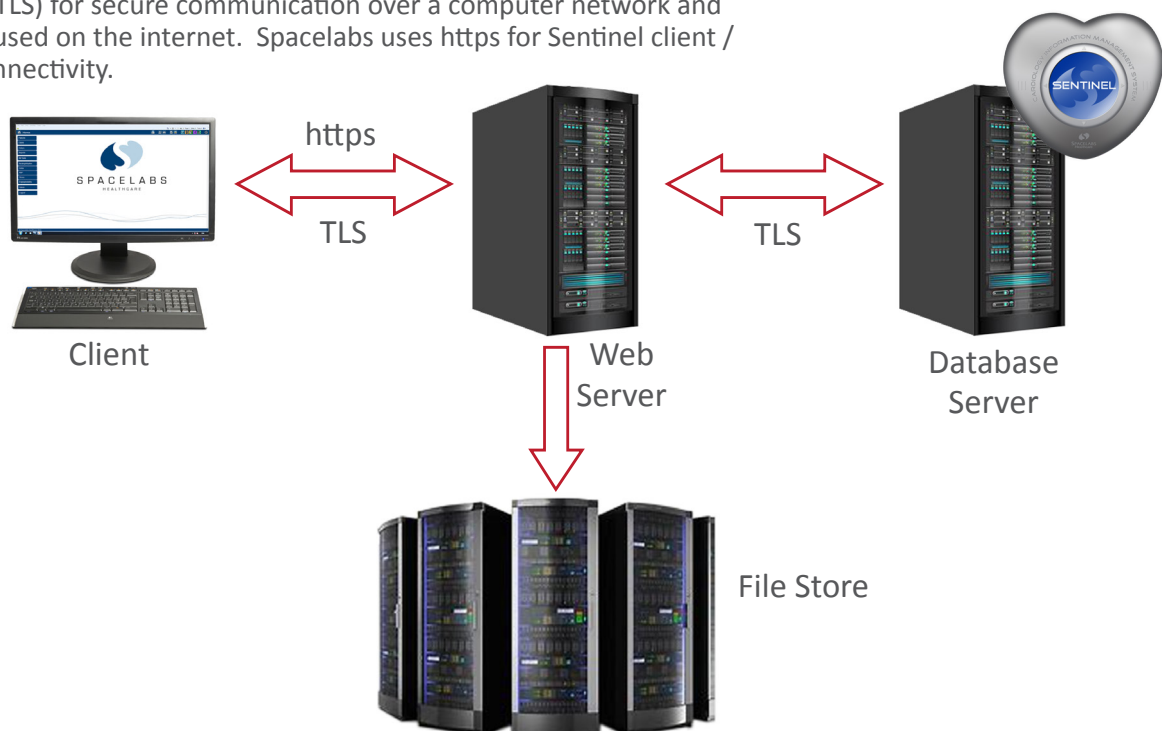
**“Securing databases at rest”** means ensuring that the files stored on the Sentinel web server, data server, or workstation on which SQL Server stores the Sentinel databases are encrypted. This ensures that if an unauthorized person gains access to these files, or database backups created from them, they would not gain access to sensitive data.

**TDE** is a technology that offers encryption at file level solving the problem of protecting data at rest, encrypting databases both on the hard drive and consequently on backup media. It does not protect data in transit nor data in use.

## **DbDefence (ActiveCrypt)**

Sentinel 11.5 utilizes ActiveCrypt’s DbDefence to provide TDE functionality for Standard and Express editions of SQL Server.

**Hypertext Transfer Protocol Secure (https)** is an extension of the Hypertext Transfer Protocol which is encrypted using Transport Layer Security (TLS) for secure communication over a computer network and is widely used on the internet. Spacelabs uses https for Sentinel client / server connectivity.



*Consolidate your patients' recordings, test results and reports in one safe central location, bringing new levels of efficiency to the clinical workflow.*

# SCALABLE WEB-BASED FLEXIBLE CONNECTIVITY

## Ambulatory BP

- Download recordings from multiple workstations, including remote locations, into a central server.
- \*Supports OnTrak 90227, 90217A, and 90207 ABP recorders.
- Configure the interface and worklists to simplify training and increase efficiency.
- Reports and recordings can be accessed, downloaded, and managed remotely via a web interface - especially useful for ABP clinical trials.

## Ambulatory ECG

- Download recordings from multiple workstations, including remote locations, into a central server.
- Configure the user interface to support your workflow, coordinate procedures and increase clinical efficiency.
- View reports online remotely via an Internet browser, saving time and enabling easy access to critical data.
- Manage recorders and data simply and effectively through a single solution.
- \*Integration with Pathfinder SL, evo, and Lifecard CF.

## Resting ECG

- Integrate Resting ECGs from Spacelabs CardioExpress, CardioDirect 12 USB, Cardioline Touch ECG, and the raw data from numerous other manufacturers.
- Batch review, analyze and compare 12/15/18-Lead ECGs at any Sentinel network workstation, via the web, or on mobile devices.
- Glasgow Interpretation algorithm is accessible for ECG re-interpretations and QTc measurements.

## Stress Testing

- Interface multiple stress systems from multiple locations into one central cardiology information management system.
- Integrate automated PDF stress reports into a Sentinel patient record from other manufacturers' stress systems.
- Integrated with Cardioline Cubestress 4
- Download stress orders and demographics from the Hospital Information System to enhance workflow and eliminate errors.
- Add stress data into patient report and records to enhance clinical diagnostic decisions.

## Additional Support

- xDT integration, Custom Test Types (PDF), HL7, enhanced DICOM settings, Active Directory and Cybersecurity.

\* Not all Spacelabs Diagnostic Cardiology products are available in all countries.

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