

CGI Sovera[®] Health Information Management (HIM)



Experience the commitment[®]

Using best-in-class enterprise content management technology, CGI's Sovera HIM solution provides customers with a complete, Web-based digital records management system, resulting in increased staff productivity, improved customer service, and enterprise-wide accessibility. Its highly scalable architecture allows you to manage multiple facilities and large volumes of patient information simultaneously. Sovera HIM is used today by more than 250 hospitals to manage 4.5+ billion images daily.

THE MEDICAL RECORD SOLUTION FOR THE NEXT GENERATION OF HEALTHCARE

Access information anytime, anywhere

Physicians and their staff—many in multiple locations—require immediate, simultaneous access to patient charts. Without complete chart accessibility, health systems face delays in clinical decisions, chart completion, and billing. Sovera HIM provides immediate, secure, Web-based access to all patient medical records. Whether you need access to lab, clinical, transcription, or radiology records, Sovera HIM delivers them on demand, integrated with your core clinical information system or other healthcare applications.

Integrate with EMR systems and more

Using our service oriented architecture (SOA) and HL7 standards for communication, your organization can seamlessly integrate your EMR System with Sovera HIM. Patient data stored within Sovera HIM – e.g., unstructured information and images generally not stored in the EMR – can be displayed seamlessly to end users via the EMR. In addition, Sovera HIM and the EMR can be integrated to communicate more complex patient transactions such as chart deficiencies and inquiries that are often communicated between physicians and HIM staff as medical records are reviewed and evaluated.

Many healthcare systems also provide a portal that allows end users to quickly and easily get to the task at hand. Sovera HIM is able to push information to a portal to notify users about when and how much work needs to be addressed and provides easy access to the application via single sign-on capability.

Sovera's integration framework allows for the import and export of electronic content at the front-end (GUI) and back-end.

BENEFITS

CGI Sovera HIM can help you:

- Create your 100% electronic legal medical record
- Ensure anytime, anywhere accessibility to patient records
- Provide a secure, digital repository for patient information
- Streamline workflow processing for coding, analysis, chart completion, and information requests
- Reduce administrative costs and accounting processing time
- Meet requirement for meeting chart delinquency standards
- Meet HIPAA regulations for privacy and security

"We are excited about Sovera HIM. We currently have over 10,000 users of Sovera and established remote access over the Web to physicians from their homes or offices. Nearly 1,000 square feet of valuable space formerly reserved for storage of medical records has been reconstructed for better utilization by hospital staff."

Director of Health Information
Management for a Midwestern
Health System

Increase ease of use

When end-users login to Sovera HIM, they are presented with patient data and work items quickly and easily. Users can navigate from a workspace page that notifies them of patient data requiring action, messages from other users regarding a patient, chart or document, and system or group based notifications. The workspace page provides book-marks from previously worked sessions. The user experience continues with configurable layouts for displaying content and work items. Sovera HIM's patient centric interface provides methods for displaying as much or as little information as the user requires. Flexible search options include the ability to search for patients and specific content from any screen, publish searches, and exports results.

Ensure security

To meet the Health Insurance Portability and Accountability Act (HIPAA) regulations for privacy and security of patient information, Sovera HIM provides complete security for every patient's record at the patient, chart, document, and page level throughout your enterprise. Under these rigorous security requirements, your enterprise can be expanded from the hospital to the physician's office, home, or any location with Internet access.

Go and stay digital

Store and manage all types and forms of electronic content in Sovera HIM including DICOM images, photos, audio clips, Microsoft® Office and video files. Treatment decisions often depend on present and past patient information. Sovera HIM integrates all patient history—everything related to a patient's continuum of care regardless of if it is paper or electronic patient data—into one, complete digital record. Sovera HIM features a configurable display of charts and documents based on user preferences. In addition, physicians can record electronic signatures, eliminating the need to search through paper folders for documents requiring a signature.

Decrease turnaround time with configurable workflows and forms

Patient care requires just-in-time information access. Your revenue cycle and adherence to regulations depend on timely coding and chart review procedures and processes. Sovera HIM's automated workflows and online intelligent forms allow you to manage all of these activities and satisfy patient requests for information. With Sovera HIM, you can complete your chart-coding duties within hours of patient discharge, and respond to patient account requests in a matter of minutes. With automated workflows, duplicate and manual processes are eliminated or streamlined and the work cycle is compressed. Beyond the "typical" chart review processes, Sovera HIM provides the ability to create additional workflows based on any data stored or events triggered within the system or from other systems such as your EMR. Sovera HIM can help automate your business with other workflows such as mortality reviews, cancer registry, request for information and more.

The integrated Sovera HIM solution features the IBM P8 Enterprise Content Management Platform:

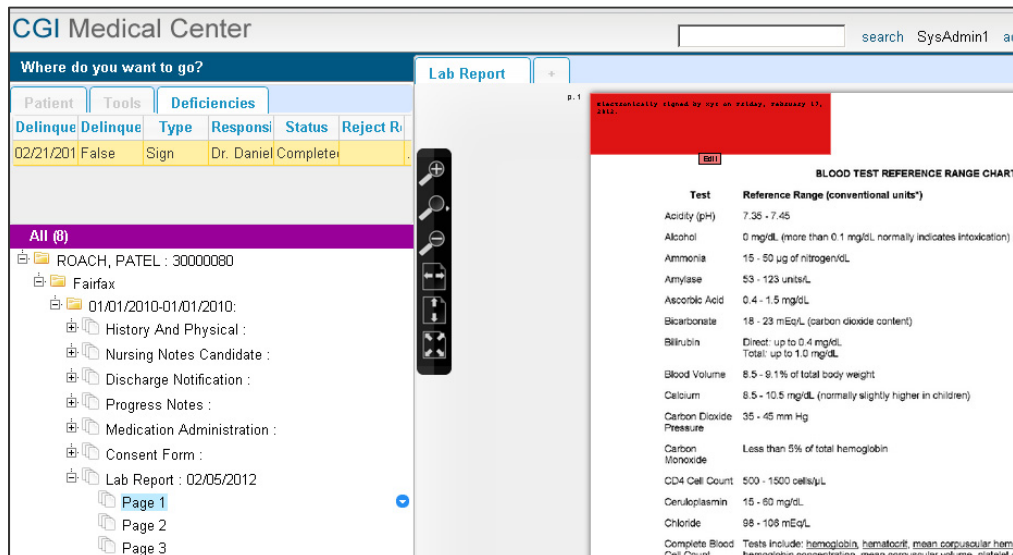
- A Sovera Interface Engine for joining disparate data and applications
- An architecture that supports the exchange of information via Health Information Exchanges
- A library of standard productivity reports that can be used with Business Objects or other third-party reporting applications
- An Microsoft Windows desktop platform and Oracle DBMS
- Support for IBM Series or Intel environments with clustering and high-availability options.

"With over 1,500 employees using Sovera HIM, we now have a complete medical records management system supporting the full life-cycle of chart review and analysis. In addition, it has been rolled out to all of our inpatient and outpatient clinics. With CGI, we were able to accomplish this in only 120 days."

Director of Health Information Management for a Midwestern Health System

Get information 24/7

Sovera HIM provides anytime, anywhere access to all chart deficiencies and other workflows throughout the enterprise. Chart analysis, correction and completion may be done from the hospital, clinic or at home.

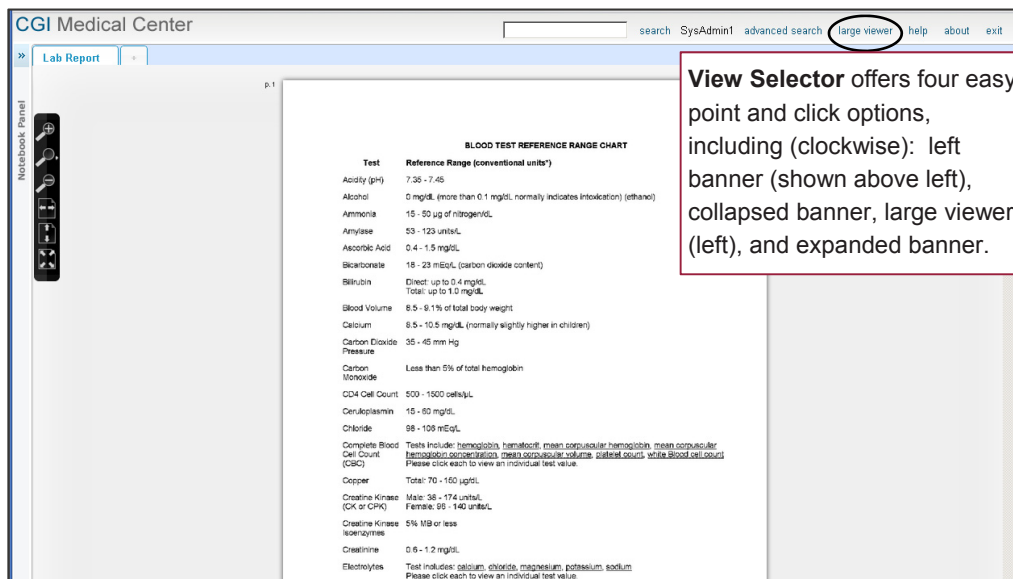


BLOOD TEST REFERENCE RANGE CHART

Test	Reference Range (conventional units)
Acidity (pH)	7.35 - 7.45
Alcohol	0 mg/dL (more than 0.1 mg/dL, normally indicates intoxication)
Ammonia	15 - 50 µg of nitrogen/dL
Amylase	53 - 123 units/L
Ascorbic Acid	0.4 - 1.5 mg/dL
Bicarbonate	18 - 23 mEq/L (carbon dioxide content)
Bilirubin	Direct: up to 0.4 mg/dL Total: up to 1.0 mg/dL
Blood Volume	8.5 - 9.1% of total body weight
Calcium	8.5 - 10.5 mg/dL (normally slightly higher in children)
Carbon Dioxide Pressure	35 - 45 mm Hg
Carbon Monoxide	Less than 5% of total hemoglobin
CD4 Cell Count	500 - 1500 cells/µL
Ceruloplasmin	15 - 60 mg/dL
Chloride	98 - 108 mEq/L
Complete Blood Cell Count	Tests include: hemoglobin, hematocrit, mean corpuscular hemoglobin, mean corpuscular hemoglobin concentration, mean corpuscular volume, platelet count, white blood cell count

Customize views

Sovera HIM enables users to customize their view of the complete medical record, which consists of all electronic data and scanned documents.



View Selector offers four easy point and click options, including (clockwise): left banner (shown above left), collapsed banner, large viewer (left), and expanded banner.

Maintain your systems with ease

Sovera HIM integrates with your existing systems and is designed to grow with your workload. Its proven, service oriented architecture makes system enhancement easy and affordable. Your system administrator can even make modifications from a central server—without ever having to touch an individual workstation. Support is provided to end users 7 days a week, 24 hours a day with more advanced IT support and outsourcing service options available as needed.

ABOUT CGI

Founded in 1976, CGI is the fifth largest independent information technology and business process services firm in the world. With 69,000 professionals located in offices and global delivery centers in the Americas, Europe and Asia Pacific, CGI offers a comprehensive portfolio of services including high-end business and IT consulting, systems integration, application development and maintenance, infrastructure management as well as more than 100 proprietary solutions.

SOLUTIONS FOR THE HEALTH OF HEALTHCARE™

In the healthcare sector, CGI couples extensive industry expertise with a full range of services and delivery options. CGI understands healthcare industry trends and is a leader in developing innovative business and technology solutions that help healthcare payers, providers and government departments harness the power of technology to lower their costs and enhance productivity while improving the quality of care.

CONTACT US

For more information, please contact us at eHealth@cgi.com.

Website: www.cgi.com/health