



# Overview

This PowerPoint presentation presents the general overview of the new SoftLab system and its impacts on Lancaster General.

**Enhancing patient care  
with Laboratory  
Technology**

**Laboratory Information System**





# Why a New Lab System?

The current Laboratory Information System (LIS), Cerner Classic, is 20 years old and is approaching end-of-life support in 2010.

Lancaster General Laboratory looked for a system with improved efficiencies utilizing the latest technology and with the ability to integrate with other systems and found this in SCC SoftLab.



# New Laboratory Information System Vendor

## Laboratory Information Systems Suite

# SoftLab

- Multisite/core lab consolidation with proven ROI
- Flexible, robust rules-based system
- Specimen tracking - from order to discard





# Who is SCC Soft?

SCC Soft Computer has been a leading laboratory information systems (LIS) vendor since 1979.

## **Company Mission**

SCC Soft Computer is a supplier of comprehensive laboratory and clinical information systems for the healthcare industry. “We are committed to combining the most effective technologies, innovative designs, and production methodologies to create cost effective solutions that enhance the productivity and competitiveness of our clients”



# Why SCC SoftLab

- Softlab has an integrated Blood Donor System, which Cerner Classic did not.
- The Integrated Anatomic Pathology System includes digital images voice to data
- Small privately held company exhibiting excellent customer service
- SCC specializes in Laboratory Systems



# Advantages of SoftLab

- SoftLab is Windows based application expanding user capabilities for searches/reviews of orders and results
- SCC Soft provides an on-line issue tracking system (TMS) with a quick response time for operational issues
- SoftLab is known for ease in interfacing and integrating many disparate systems
- SoftLab security is role based access which is required for HIPAA compliance



# Advantages of SoftLab (cont)

- SoftLab provides quantifiable improvements in workflow efficiency and cost-per-test reductions in a wide variety of clinical laboratory environments.
- SoftLab provides a powerful rules-based system (RBS) for immediate patient results to the physician in exactly the manner requested by the physician.

This has been extremely beneficial in improving clinical outcomes and patient care



# Building and Testing

- ✦ The LG Lab Team has built and tested 4000+ orderable and resultable lab procedures over the past year.
- ✦ Each lab test has been tested and retested to insure that information is correct for patient care.
- ✦ The system functionality as well as integration with lab testing equipment has been rigorously tested to insure correct results.



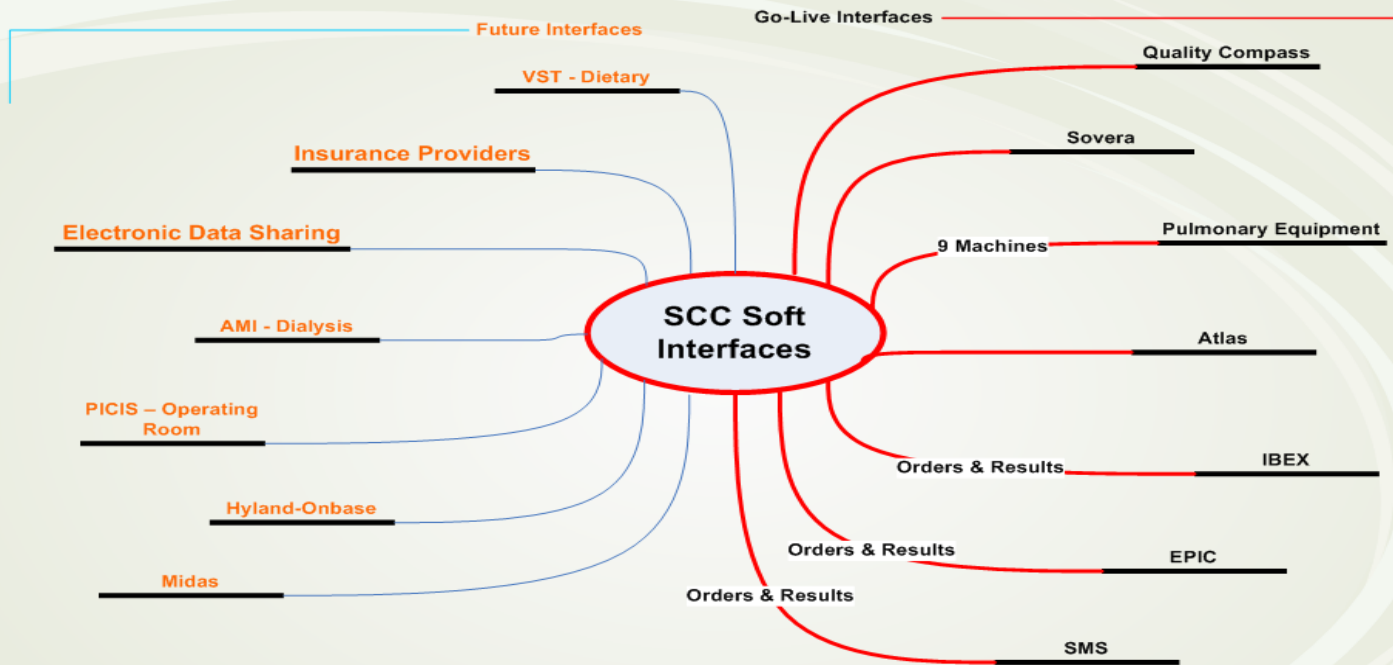
# The system was built in collaboration with the following:

- ▶ Physician Advisory group
- ▶ Nursing Task Force
- ▶ Practice Manager's Focus Group
- ▶ LIS steering committee
- ▶ Laboratory build team & SuperUsers
- ▶ Information Services
- ▶ I&O EMR



# There are approximately 15 interfaces for go-live and more planned for the future.

## Soft Interfaces for the Lab Replacement Project





# Changes with SoftLab

- The Lab system is now called “SOFT”
- The format of patient reports (Cumulative/Trended) will change. No more Greens or Brown, however there will be cumulative and trended reports printed to replace them.
- The results will show as individual results instead of documents for Micro, ABG and other tests
- The result screen in SMS (Siemens) for Micro, ABG, and others will change
- The orders screen in SMS (Siemens) for Microbiology will require a “source” field to be completed.



# Impacts for Nursing

- ★ **New report formats** –  
“greens and browns” go away to be replaced by  
Trended and Cumulative
- ★ **Faster turnaround time**
- ★ Lab phlebotomists will use **hand-held devices to ID patients**
- ★ Orders received on devices “real-time”



# Impacts for Physicians

- ★ Quicker turnaround times
- ★ New report formats – cumulative and trended will replace green and brown
- ★ Communication options – e-mail
- ★ Results faxed to physician offices as they post



# When is SoftLab coming?

- ▶ Design and Build are Complete
- ▶ Testing is in final stages
- ▶ The conversion to SoftLab is planned for February 2009 – final date to be determined



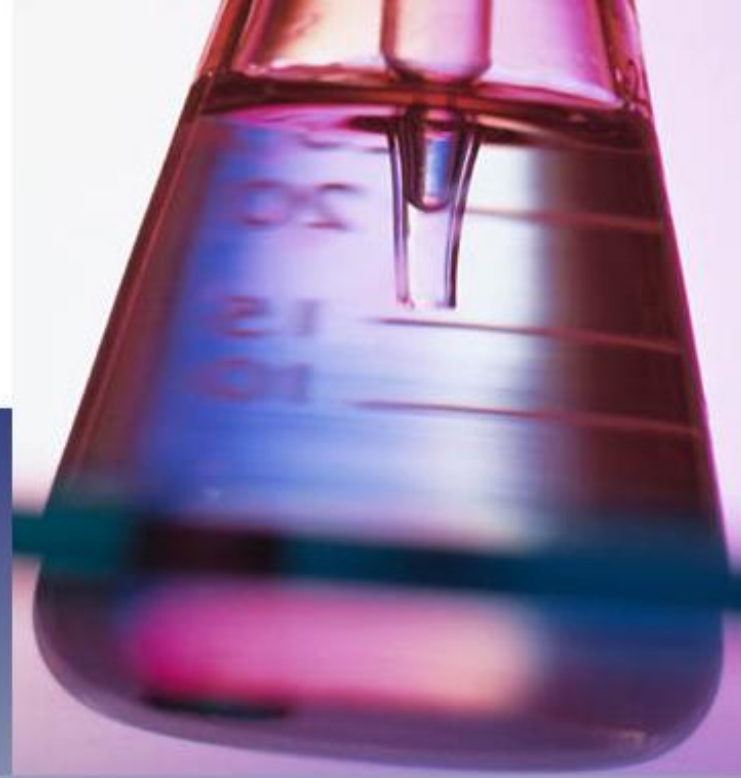
# What happens at Go-Live

- On-site support – LIS Team, Build Teams, IS Team, SCC Soft Team
- A Hot-Line number will be available
- Documentation for the changes to reports will be available on the floors for physicians



# Next Steps

- **Training** – PowerPoint presentations of the changes for Orders and Results will be posted to the Intranet in January.
- Preparation for Go-Live is on going
- Estimated date for Go-Live – February



**Watch this site and the General Update for more information on the SoftLab project!**



# SoftLab Project

**Enhancing  
Patient Care with  
Laboratory  
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