

Solar –LIMS

Product Overview

Solar is the most powerful tool that diagnostic center's/laboratories have to manage processes, ensure compliances and promote diagnostic centre and enterprise collaboration. Solar's flexibility is manifested in multiple levels of the system from automated workflow and record management to closed loop traceability. The cutting-edge technology which is employed in Solar's various versions cater to requirements of a small sized laboratory up to a research establishment. Solar customers leverage on the immense benefit of an enterprise quality management solution, reducing operational costs, and improving customer service capacity. Solar is a powerful tool which reduces manpower resources. Solar is a comprehensive Diagnostic Centre Management Software with modules for Radiology, Consultation Laboratory etc. Solar is capable of Interfacing with all Laboratory equipments.

What make Solar a must for every Clinical laboratory enterprise?

The most powerful tools that are used in Solar are:

Analytical services:

- ❖ Solar not only provides quality testing, but also advanced customer support. The feasibility and pragmatism of Solar's testing and reporting features, as well as flexible customer communication capabilities.
- ❖ Complete traceability of samples, a vital component of medical audit (bar-coding).
- ❖ In accordance with ISO, Solar documents protocols, methods and experiments.
- ❖ With accuracy and speed Solar's extensive reporting capabilities ensure reliable report delivery on processed samples, as well as the practices implemented.
- ❖ Multiple location access by a compound user network with maximum security, flexible configurations and speedy reporting time makes Solar stand out among the rest.
- ❖ Trouble-free adaptation and simple ability to reveal status of results and testing processes.
- ❖ User-friendly yet with a dynamic interface, Solar enables automatic customer adaptation thus resulting in 'complete customization' that is unique for every user, whatever be the type of laboratory.

- ❖ Compliance with global requirements and NABL conditions.
- ❖ Solar's compatibility allows interfacing with virtually any clinical instrument thus reducing manual errors. This also enables quick transfer of error free results.
- ❖ Automatic calculation of significant ranges and units of measurement. Solar also carries out conversions and rounding offs.
- ❖ User-enabled tools that permit effortless creation and modification any process that is to be automated.

Quality Assurance and maintenance: is vital for the success of product.

- ❖ A well controlled system, not only positively influences the throughputs of the organization, but also accomplishes efficient system of improved productivity and profitability.
- ❖ Solar's delta check feature helps for better patient care management
- ❖ One of Solar's key features in quality management is the integration of multiple locations into a consolidated endeavor.
- ❖ Solar's centralized data management enables reduces the numbers of personnel employed, thus not only assuring consistency, but also reduces operational costs
- ❖ The multi-centric implementation and applicability of Solar and enables various departments or sites to share information quickly.

Corporate features:

- ❖ Complete traceability of business transactions and processes
- ❖ The unique framework of Solar allows complete automation and thus boosting the operational efficiency of the organization.
- ❖ Solar enables the entire spectrum of activity accessible as well as visible to for authorized personnel.

Data Security:

- ❖ Compatible with firewalls and other security needs, whether independent or on a corporate network, Solar offers complete data safety
- ❖ The built-in security system allows limited access to the various modalities unless authorized.
- ❖ Security is an important concern for laboratories, and robust security assists your system administrator in managing security in a variety of ways.

Test Routing

- ❖ An order entry, Solar eases the burden of contract management by automatically routing test based on your laboratory's business preferences.

Patient Records

- ❖ Patient results are filed electronically in the patient's record and readily available to view, print, fax, email, or web-deliver, eliminating the frustrating and time-consuming task of manually locating and delivering them.

What does Solar help you achieve?

- ❖ Complete automation impacts workflow and the throughput thus reducing bottlenecks due to manual errors
- ❖ Reduces costs and streamlines operational processes
- ❖ Complete customization that is unique to every user needs
- ❖ Ability to acquire, integrate, and manage multiple sources of data across the customer database
- ❖ Enables high throughput and high volumes of samples through Solar's highly scalable architecture
- ❖ Flexibility of Solar: Configured to meet the specific needs the customer, Solar's scalable and flexible architecture enables growth along with the laboratory.
- ❖ Communicability of Solar: Solar provides a seamlessly communication between the laboratory and the physicians or between department. The multi-directional facility of Solar allows rapid exchange of information across large distances.
- ❖ Solar Security: Authorized personnel such as lab managers are provided with complete security tools, enabling them to meet the custom security needs of their facility.

Value and cost-effectiveness:

- ❖ Controlling costs is critical to the profitability of any institution and Solar is a cost effective Laboratory Information System that allows easy maintenance