

Laboratory Information Systems Market Outlook, Size, Share & Key Companies by 2030

Market Scenario

The global [laboratory information systems share](#) is projected to grow USD 3.8694 billion by 2030 at CAGR of 9.50% during the forecast period 2023-2030, predicts Market Research Future (MRFR). There are several practice applications of an LIS that improve the day-to-day operations of a medical laboratory, along with prevention of medical errors. A busy medical laboratory having many patients on a regular basis encounter difficulty in keeping all the patients' information organized. Thus, an LIS system comes in handy, as it helps keep all this information organized, which is vitally important for a medical lab to run smoothly. Apart from this, rising integration of LIS and Electronic Health Record (EHR) and demand for quality and precision diagnosis are majorly supplementing the market growth globally. Moreover, increasing penetration of mobile applications in healthcare solutions coupled with growing popularity of cloud-based laboratory information system testifies for the market progress that has taken place in the past few years.

On the flip side, lack of skilled information technology (IT) professionals in the healthcare industry tames the flow of the progressing market. However, an array of opportunities stemming from emerging regions along with the consistently growing adoption of LIS are proof enough that the global market is en-route to brighter future prospects. Also noteworthy are few trends that bestow the global market with the required push, including proliferation of smartphones, point-of-care devices and e-services in the healthcare industry which significantly shape the market dynamics. Also, immense demand from patients for technological solutions for more convenient health testing, and monitoring is growing. This leads to global market players taking notice of the opportunities that crop up and indulge in strategic activities such as product launches. For instance, in the year 2014, ThermoFisher launched a new ultracentrifuge which combines speed with safety and ergonomics that allows researchers to protect samples easily while also achieving reliable and consistent results.

Key Players

global laboratory information systems market players include Cerner Corporation, Recent Developments, Eclipsys Corporation, Merge Healthcare Inc., STARLIMS Corporation, Sunquest Corporation and Thermo Fisher Scientific Inc., LabVantage Solutions Inc., LabWare Inc., McKesson Corporation, Medical Information Technology Inc., and others.

The Cerner EHR project is thriving as the U.S. Department of Defense increases its budget by about USD 1.2 billion. The additional funds will support the added services to maintain a standard EHR between the Department of Veterans Affairs and the U.S. Coast Guard. The EHR when integrated with laboratory information system, turns highly efficient, which leads to increased productivity and also reduced probability of errors. Cerner is an established company in the global LIS market that understands this fact and makes use of every opportunity to enhance its products to cater to various customer needs.

Market Segmentation

The global [laboratory information systems market outlook](#) is segmented on the basis of application, components, and delivery.

By applications, the market is segmented based on clinical LIS, drug discovery LIS, and industrial LIS. The clinical application of LIS holds the largest market share as using LIS software involves more productivity and less paperwork, enhanced patient safety, and improved turn-around time.

