



Lubricants global
laboratory information
management system





Digital data protection in a Cloud environment and secure data transfers throughout the laboratories

Introduction

The Lubricants Laboratory Information Management System (LIMS) landscape is fragmented and ageing and the LIMS know-how is restricted to individuals or sites. Other key challenges include:

- Inefficient lab operations: Lab lacks LIMS or runs unsupported platforms. Results are manually recorded and there is no consistent support for IT infrastructure in labs.
- No value delivery: Each lab needs to compile data in a common format and share through emails. There is no global LIMS for troubleshooting customer or field issues.
- All the lab instruments are isolated at each customer location and network traffic is not well integrated to their primary network while lacking GP 30-60 standards.

Solution

Wipro's GLIMS solution delivers a 'Global instance of LIMS deployed on Cloud environment' with high-availability resilient

platform, to facilitate secure data transfers throughout the laboratories, LIMS and other interfaced systems. GLIMS caters to the needs of all labs to handle the lab data and instruments data along with historical data sets.

- Cloud platform deployment solution – Global instance of LIMS application with interactive web clients
- LIMS application high availability – Load balancing fail over scenarios to minimize time spent in administrative tasks troubleshooting IT issues
- Deploy the global instance to the Cloud
- Configuration deployment, report development of LIMS and transformation development to laboratories
- Laboratory networks consistent with GP 30-60 will be implemented to facilitate secure data transfers throughout the laboratories, LIMS and other interfaced systems



Benefits

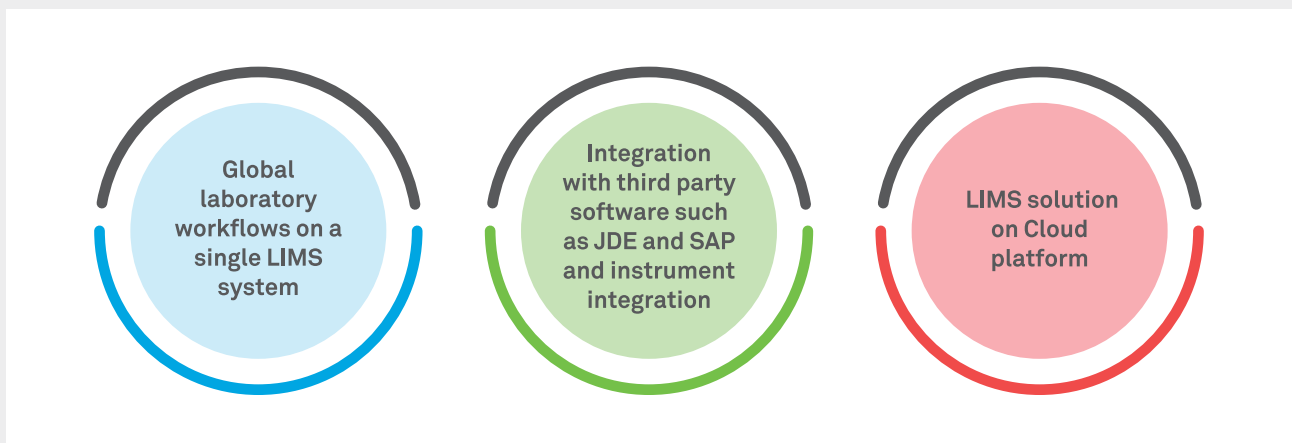
Reduced costs: Lower hardware costs from more effective use of physical resources. Software updates and renewals occur several times a year at no cost to the customer. Licensing, LIMS support, maintenance cost reduction delivered through a shared responsive model.

Improved information security: Security is enhanced when using Cloud solutions due to

strict security standards that Cloud providers adhere to while maintaining regular security audits. Customer intellectual property is protected and attacks are prevented or defended.

Increased speed: The solution is flexible and swift while handling changing business requirements and new configurations.

Features



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