

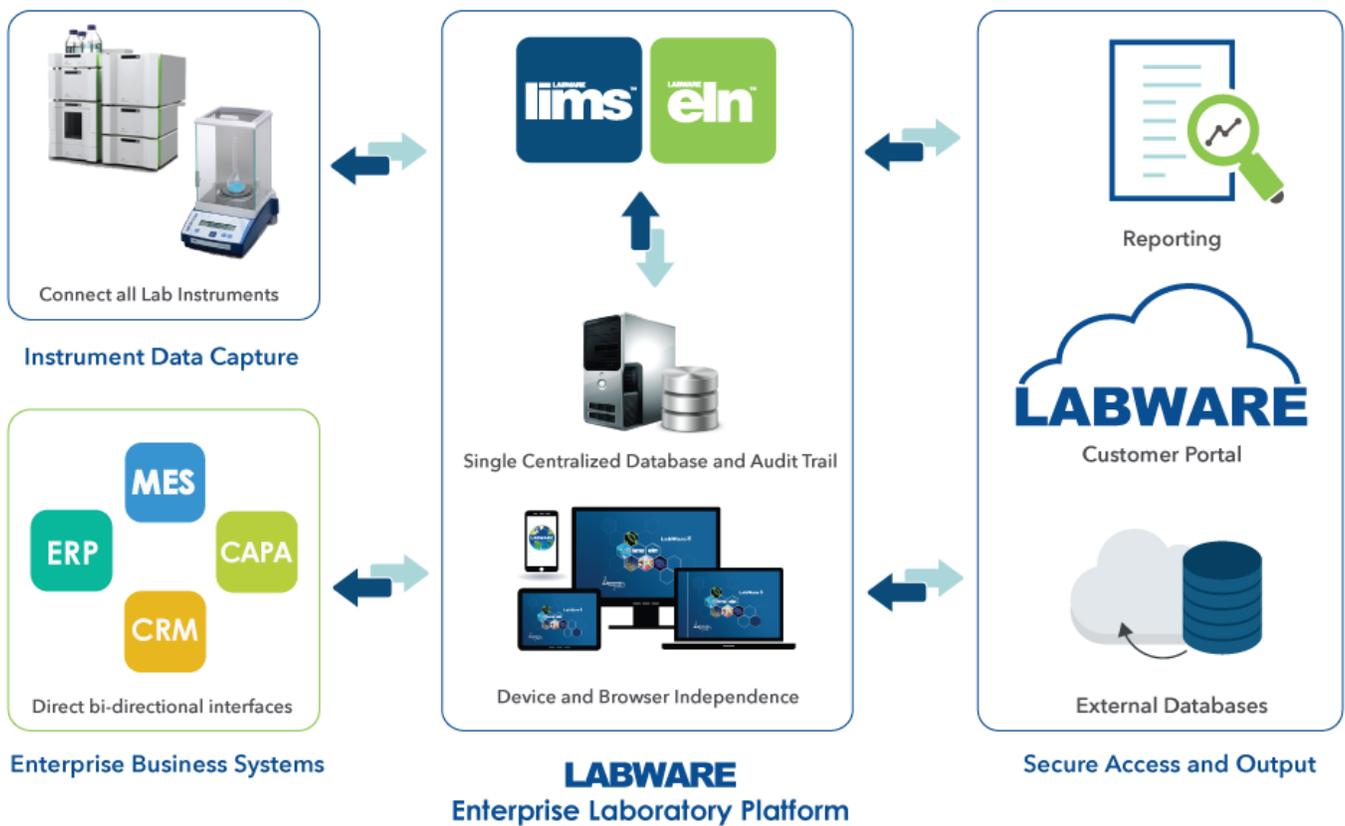
# LABWARE®

## LabWare 8



## LABWARE 8 - THE FOUNDATION OF LABWARE'S ENTERPRISE LABORATORY PLATFORM

LabWare is recognized as the global leader in providing enterprise scale laboratory automation solutions. Our Enterprise Laboratory Platform (ELP) combines the award-winning LabWare LIMSTM solution with LabWare ELN™, a comprehensive and fully integrated Electronic Laboratory Notebook application. With LabWare 8 as its foundation this uniquely designed solution enables companies to optimize compliance, improve quality, increase productivity and reduce costs. LabWare's ELP brings together the industry's broadest range of capabilities optimizing your laboratory workflows while at the same time helping to rationalize your IT portfolio. The Enterprise Laboratory Platform from LabWare is innovative, forward thinking and the most powerful single source solution of its kind.



### THE LABWARE 8 LIMS SOLUTION

LabWare LIMS has been the industry's most technically advanced LIMS solution since its introduction to the market, and LabWare 8 continues to hold that position today.

When deciding which deployment approach will best benefit your organization, LabWare provides the widest range of available options. LabWare 8 supports browser based as well as thin client user access, and also provides facilities for external facing web portals. Integration is enabled using web services as well as purpose-built tools and ready to use interfaces. Our platform gives you every opportunity to leverage technology in the way that is most suited to your current or future framework.

Every organization prioritizes the functional goals for its LIMS system a bit differently. LabWare's product licensing approach is designed with this in mind. Your LabWare 8 license is an all-inclusive one, giving you full access to the complete catalogue of LabWare functional modules. When you're ready to take advantage of them, modules such as Shelf Life Stability, Standards and Reagents Management, Plate Management and Inventory Control, along with many other capabilities, are all available at no additional charge. Similarly, functions such as environmental monitoring, instrument calibration and controlled label printing are part of the LabWare solution and do not require an investment in third party bolt-on products. Instrument integration capabilities are also built in to the LabWare platform. You have complete control of how and when your business will leverage LabWare's features and functions, and can do so in the most budget friendly manner.

Scalability is an essential attribute for a successful LIMS system, and LabWare LIMS is infinitely scalable. It is just as suitable for labs with as few as 10 users as it is for one with thousands. The technical enhancements engineered into LabWare 8 have nearly

doubled its processing performance for certain tasks, further strengthening its position as the industry's premier solution for enterprise scale deployments.

Through an innovative *immediate commit* processing scheme, along with enforcement of documented audit reviews, LabWare 8 provides comprehensive support for Regulatory Data Integrity. A robust and encrypted audit trail assures full historical accountability for the entire sample lifecycle, and configurable business rules allow you to manage electronic signatures and records in a way that most efficiently matches your lab workflows. The complexities of regulatory compliance can be thoroughly addressed with LabWare 8, significantly improving your risk position.

LabWare has always been viable with any relational database including industry standards such as Oracle and SQL Server. LabWare 8 adds the ability to take advantage of open source relational technology such as PostgreSQL, paving the way for lower cost deployments.

Other LabWare 8 technical innovations include:

- *Stored Procedures* for enhanced automation
- *Full support of RESTful web services (JSON-based)* for improved system-to-system integrations
- *OWASP enhancements* for tighter web application security
- *SMTP updates* for improved seamless email integration

Purpose-built capabilities are carried forward in LabWare 8 for integration with systems such as SAP, Empower, MassHunter LabSolutions, and Chromeleon, as well as for TrackWise and SoftMax Pro. If needed, an available library of web services allows you to author your own API.

**LabWare Mobile** – One of the more recent innovations at LabWare is the *LabWare Mobile* product, and LabWare 8 serves as its foundation. LabWare Mobile is an independent app for use with Android and iOS devices that enables LabWare functions to be executed on the user's mobile device. Configured through LabWare 8, the mobile app allows native features of the mobile device to be leveraged in performing workflow steps. Examples include using the device camera to capture images and read barcodes; using GPS capabilities to locate samples and to link to mapping functions; displaying PDF; using date and keypad widgets, and more. LabWare Mobile, powered by the LabWare 8 LIMS platform, brings the portability and capabilities of mobile devices to your lab automation strategy.

**Cloud Hosting** – LabWare 8 may be installed on premise as well as deployed in the cloud. Cloud options include commercial cloud hosting providers including AWS, Azure and others, as well as taking advantage of PaaS (Platform as a Service) options directly through LabWare.

## SEAMLESS ELN INTEGRATION

The LabWare 8 LIMS solution targets the operational aspect of your lab including sample lifecycle management, resource efficiency and performance monitoring. Capturing structured and unstructured experiment data, along with the tracking and control of test execution, is the role of the Electronic Laboratory Notebook (ELN).

These two product segments have evolved independently and are often thought of as separate applications that require a customized interface. History has shown that such a strategy is very complex to execute, and even more complex to maintain. LabWare's integrated Enterprise Laboratory Platform *eliminates this interface*. With the LabWare ELP solution, LIMS and ELN are brought together into a single application

environment offering all of the functionality and configurability of the LabWare 8 LIMS solution combined with the rich capabilities of our ELN. You can start with LabWare 8 and then add ELN at a later time when funding is available and your organization is ready, or your initial implementation can be a full ELP deployment.

LabWare 8 and LabWare ELN operate seamlessly and share a single database. The common audit trail provides full regulatory compliance. All configuration components and common data objects exist only once and are available throughout the platform, as needed, to support your business processes and workflows.

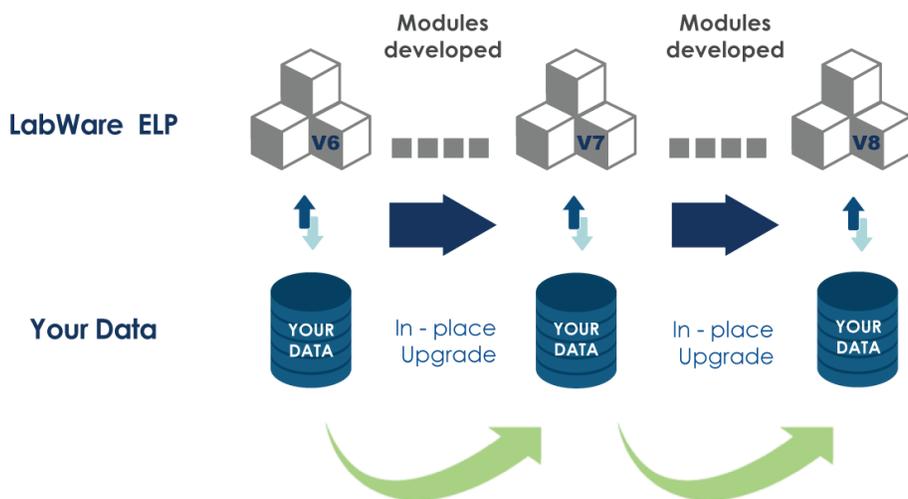
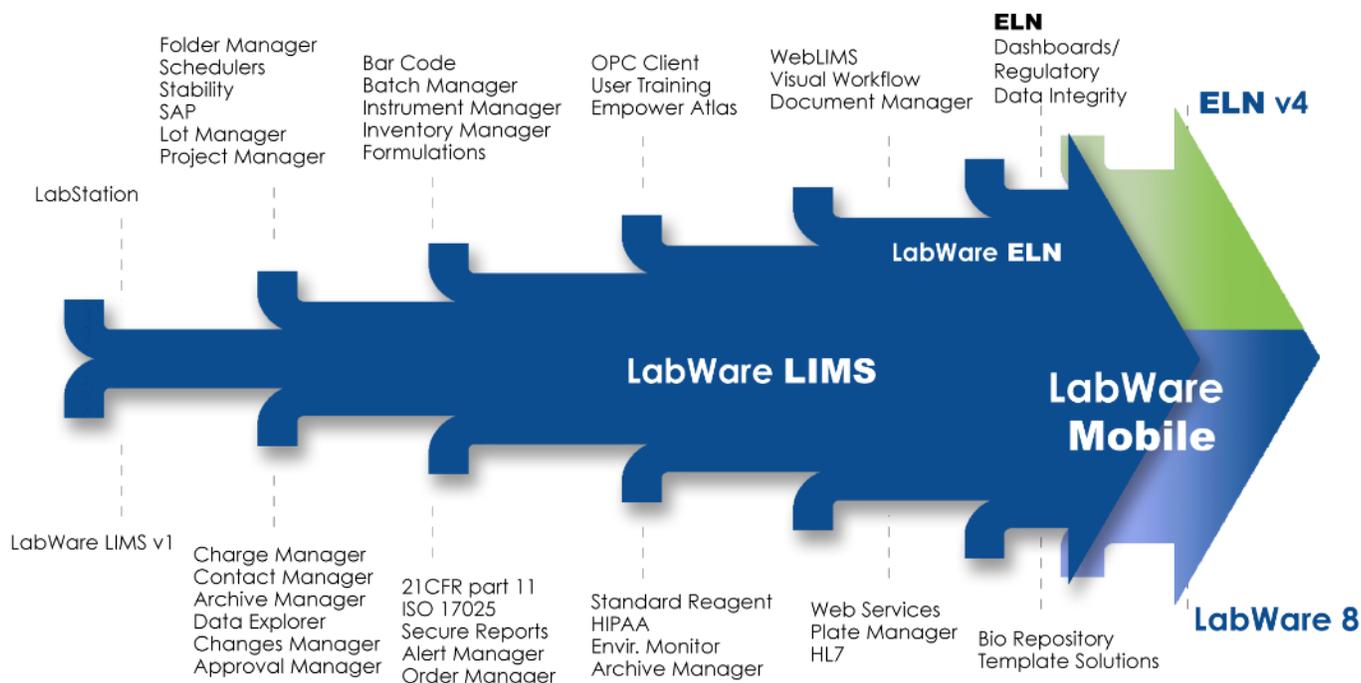
The Enterprise Laboratory Platform provides the benefits of a LIMS, or an ELN, or an integrated combination of both. Equally suitable for modest as well as global implementations, and for anything in between.

## RESULTS COUNT

The ultimate measure of any company's success is customer satisfaction, and there is no better indicator of customer satisfaction than retention rate. The simple phrase ***“Results Count”*** describes LabWare's philosophy about customer relations because when it comes to delivering value and business benefit, it matters little what we say in comparison to what we do. The continued loyalty of our worldwide base of customers is actual proof that, over the course of our 25 years as a LIMS provider, LabWare has consistently provided meaningful value and tangible results. Since the inception of our LIMS platform in the mid 1990's, LabWare's customer retention rate exceeds 98%, which is proof that we have consistently delivered on our commitments and have met our customers' ongoing expectations.

THE UPGRADE ADVANTAGE

Our unique in-place upgrade capability assures long term value by helping customers to remain up-to-date and current, avoiding both the business disruption as well as the enormous cost caused by a LIMS replacement.



## LABWARE INDUSTRY SOLUTIONS

LabWare 8 provides the basis for implementing *preconfigured Industry Solutions*.

The LabWare configuration layer allows our single application software product to be applied to a wide range of industries, each of which has its own special workflows and automation requirements. LabWare has taken the initiative to pre-configure Industry Solutions for specific market segments, and these packages are made available through LabWare's consulting services group.

Over 1500 LabWare projects have been successfully implemented worldwide and that experience is reflected in our Industry Solutions. They are continually updated and improved as are the validation, training and other materials that are available with them. When layered onto the LabWare software product, Industry Solutions not only enable our customers to accelerate their initial implementations, but also to benefit from industry best practices. A partial list of available Industry Solutions includes preconfigured systems for Pharmaceuticals, Water Testing, Process Labs, Biobanks, Clinical Trials, Public Health and Contract Laboratories.

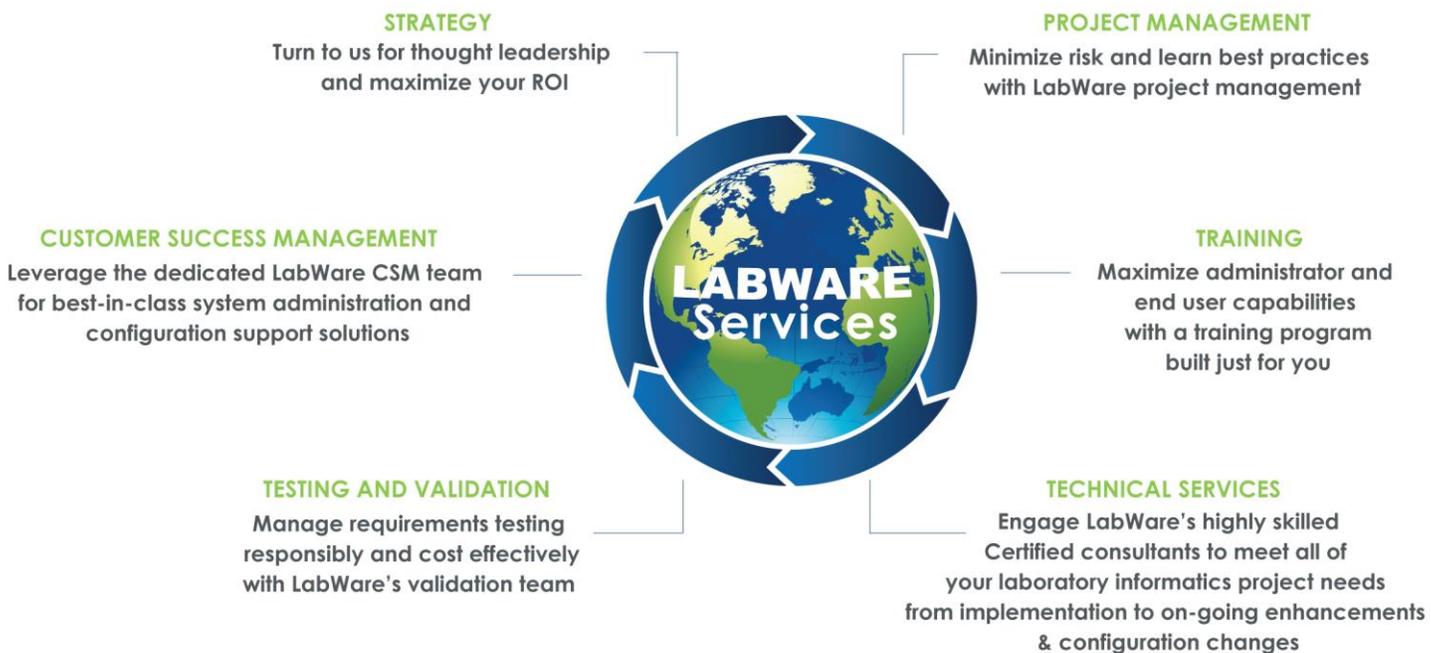
Industry Solutions are a key LabWare differentiator, as well as a prime example of how LabWare adds value in ways that tangibly improve your return on investment.



## PROFESSIONAL SERVICES and CUSTOMER SUCCESS MANAGEMENT

One of the things that sets LabWare apart from many other companies is our sole focus on laboratory automation. LIMS and ELN are our core business, and we have built the strongest global team in the industry to ensure success. Our LabWare certified consultants have, on average, greater than ten years industry experience. This represents an unmatched resource for our customers, and assures robust and successful implementations, whether large or small.

In addition to project implementation and validation services our Customer Success Management program provides a comprehensive range of post go live professional services. The CSM program offers LabWare consulting expertise precisely how, where and when it will provide the greatest benefit.





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For a complete listing of our regional offices, visit [www.labware.com/en/p/contact-us](http://www.labware.com/en/p/contact-us)