



# SIMPLICA<sup>®</sup> CLOUD

## HOSTING FOR LABWARE

SIMPLICA OFFERS SPECIALIZED AND TAILORED SOLUTIONS FOR HOSTING LABWARE IN THE CLOUD. THE SIMPLICA CLOUD OFFERING INCLUDES THE FULL LABWARE 7 WEB STACK, THIN-CLIENT SOLUTIONS FOR LABWARE 7 DESKTOP AND ELN AS WELL AS SIMPLICA SAMPLE WIZARD™ WEB PORTAL FOR LABWARE. SIMPLICA PROVIDES COMPLETE MULTI-ENVIRONMENT AND MULTI-TIER SYSTEMS ENGINEERED FOR EACH CUSTOMER.

### WHY SIMPLICA CLOUD?

For customers who don't want to host LabWare on-premise, there are limited options. The big Infrastructure as a Service (IaaS) providers like Amazon Web Services™ and Microsoft® Azure only offer cloud components - virtual machine instances, database services, file storage facilities, etc. Significant expertise is required to setup and manage all of the components necessary to maintain an enterprise-scale, secure and highly available deployment required by most LabWare customers.

Where the IaaS providers offer 'components,' Simplica offers complete 'applications' generally accessible with just a simple URL. Everything behind-the-scenes is managed by Simplica. Every Simplica Cloud solution is continuously monitored and live support technicians are available with working knowledge of specific customer applications.

Simplica has been a LabWare partner providing web technology and cloud expertise to LabWare and LabWare customers for 16+ years. This unique relationship allows us to partner with the LabWare services team to offer complete end-to-end solution including configuration and post go-live services.

## FEATURES

Simplica Cloud customers enjoy these features:

- Presence in both North America and Europe
- Dedicated single-tenant environments
- Complete multi-tier environments
- Elastic architecture
- Choice of database vendor
- Flexible security (VPN, 2-Factor Authentication, etc.)
- Customer site instrument integration
- Publish/consume web services for 3rd party systems

## ARCHITECTURE

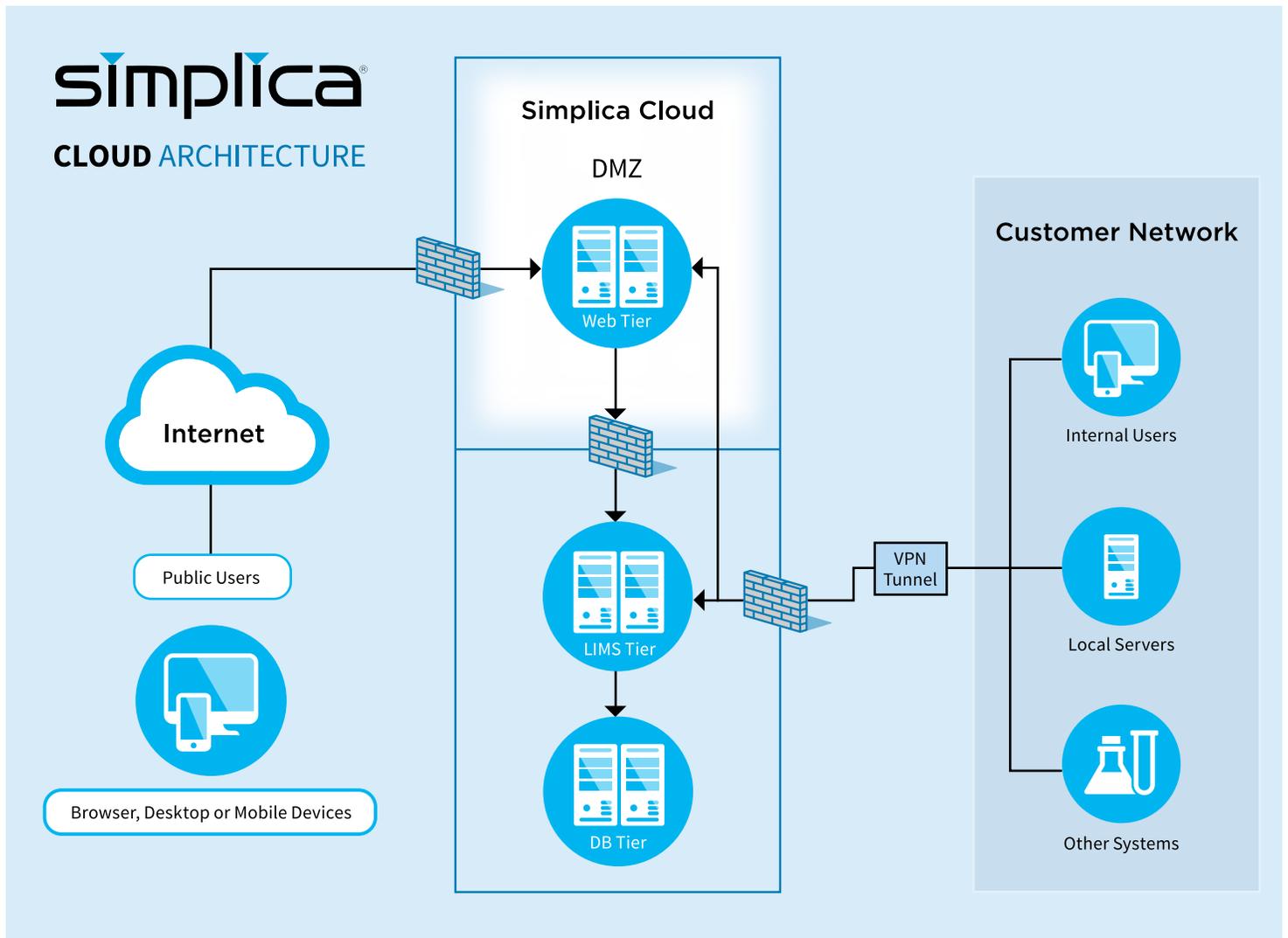
The typical architecture of a Simplicia Cloud solution is shown in the diagram below.

## HIGH AVAILABILITY

Simplica engineers its cloud solutions to meet the need of enterprises requiring applications that are highly available. The key to these systems are end-to-end redundancy as shown in the table below.

COMPONENT	REDUNDANCY
Physical locations	<ul style="list-style-type: none"> <li>• Ashburn, VA</li> <li>• Frankfurt, Germany</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Dual power supplies</li> <li>• UPS</li> <li>• Backup generators</li> </ul>
Internet Connectivity	<ul style="list-style-type: none"> <li>• Dual supplies</li> <li>• Blended providers</li> </ul>
Hardware	<ul style="list-style-type: none"> <li>• Redundancy at every level</li> <li>• No single point of failure</li> </ul>

**Simplica Cloud Component Redundancy**



# SECURITY

Simplica Cloud infrastructure is co-located at world class data centers with extensive industry certifications including ISO 27001 and SSAE 16 SOC-2. The housed hardware is protected by multiple physical security checks including biometric scanning. All physical and network access is monitored and recorded.

Simplica employs the latest Cisco firewall technology and network gear to create dedicated and isolated environments for each customer. Public access is protected by a DMZ architecture including if necessary, 2 factor authentication. Non-public access is controlled by VPN clients or VPN tunnels to customer internal networks.

The screenshot displays the 'simplica Sample Wizard' interface. It features a navigation bar with 'DASHBOARD', 'SAMPLES', 'SUBMIT', 'CONFIG', and 'ADMIN'. The main content area includes:

- New Message Alert:** Three alerts regarding system control operations in safe conditions and sample submissions.
- Sample Turnaround:** A bar chart showing turnaround times from 1 Jul to 10 Jul.
- Project List:** A table with columns for Pre-Registration Number, Project Name, Date Submitted, Submitted By, and Description.

Pre-Registration Number	Project Name	Date Submitted	Submitted By	Description
1001896	8804826	04/14/2017	john.smith@app.com	SAP Customer Mismatch
1001893	8804825	04/11/2017	john.smith@app.com	Missing Submitter
1001892	8804824	04/11/2017	john.smith@app.com	Missing Information
1001891	8804823	04/11/2017	john.smith@app.com	Missing Information
1001890	8804822	04/11/2017	john.smith@app.com	Missing Sampled Cur



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## ABOUT SIMPLICA

Simplica Corporation was founded in 1999 on the basic premise that in the IT world simple is better. We are a global team of highly dedicated individuals with a passion for our work, and we believe cloud and mobile technologies are fundamentally changing the world's computing platform. Solutions that are easy-to-use and simple to administer are going to win over those that aren't.

Besides cloud services and software, we provide our clients with professional support; architecture, development, and trainings services that help them deliver business results quickly and cost-effectively.

**simplica**<sup>®</sup>

1701 Shallcross Avenue, Suite C  
Wilmington, DE 19806

[www.simplica.com](http://www.simplica.com)

1.302.594.9899  
[info@simplica.com](mailto:info@simplica.com)