STAR LIMS
ONE PARTNER, ONE POWERFUL SOLUTION.

HOSTING SERVICES
Let us manage your LIMS, so you can focus on running your laboratory

OVERVIEW

STARLIMS is pleased to offer Hosting Services to host your installation, which provides the virtually worry-free, cost-effective reliability of a cloud-based solution, for a monthly subscription fee. STARLIMS Hosting Services provides a secure application environment consisting of powerful servers and storage technologies, managed by STARLIMS and accessible to customers via a web browser.
With STARLIMS Hosting Services, you do not have to purchase hardware, install software, or manage your system infrastructure. Utilizing our Hosting Services allows you to be more productive and cost-efficient by allowing you to concentrate on what matters most: your business. Hosting Services provides you with:

- A public or private cloud offering hosted on AWS (Amazon Web Services)

- All Infrastructure Software Licensing

- Application high availability of 99.9%

- Development, Test and Production application environments

- Infrastructure maintenance including installation, patch management, and malware protection

- System monitoring, notifications, etc.

- Database maintenance, backup, and retention services

- Disaster Recovery (Recovery Time Objective 4 hours and Recovery Point Objective 15 minutes)

- Compliance with HIPAA and GDPR requirements

LIGHTNING-FAST DEPENDABILITY

Often, companies are challenged to deploy systems within short timelines, and those challenges can be exacerbated by having to contend with equipment and personnel resourcing needs. Leveraging STARLIMS Hosting Services drastically reduces the time required to begin a project. There is little time spent navigating the budgetary process for hardware purchases or identifying IT support resources to staff the project.

RELIABLE SYSTEM STABILITY, VIRTUALLY CAREFREE MAINTENANCE, AND CONTINUOUS OPTIMIZATION

We will ensure your system is ready and available when you are. Our DBAs will monitor your system's performance and keep your systems tuned, while our IT experts will ensure system updates and patches are installed and up to date. Our disaster recovery plan provides a separate backup data center, with a recovery time objective of 4 hours and recovery point objective of maximum 15 minutes.

COMPLIANCE WITH HIPAA & GDPR REQUIREMENTS

One of the concerns about data transmitted or maintained in the cloud pertains to data security. STARLIMS Hosting Services encrypts data in transit and at rest so that you can be assured that your data is safe and secure. We also offer options that are in compliance with HIPAA and GDPR requirements.

For more information on GDPR compliance when using AWS services, please visit:
https://aws.amazon.com/compliance/gdpr-center/
GDPR - Amazon Web Services (AWS)

CYBERSECURITY

STARLIMS is committed to mitigate security risks in the products that we design, develop, and maintain. As required by the GDPR, we practice a "data protection by design" process and conduct in-depth assessments of our products so that the appropriate risk mitigation measures can be implemented.

The cybersecurity of the STARLIMS solution is a shared responsibility between both our product and our customers. The following non-exhaustive security controls are implemented in the STARLIMS product:

- User accounts - STARLIMS user management functionality supports role-based access control. Roles are used to restrict user access to applications and forms within the product.

- Secure account/password policy – The application supports the customer setting limits on the number of days before reusing the same password, changes before reusing the same password, days before changing the password, password lifetime, grace logins, failed password attempt lockout, and password complexities.

- Identities and credentials are managed – Rather than storing passwords in clear text, a salted hash of passwords is stored.

- Integrity and authenticity is maintained – Logic is in place that can detect evidence of tampering and reject any such requests. A procedure to check integrity is in place that validates extensions against a predefined list.

- Secure remote desktop connections – Remote desktop connections initiated by STARLIMS are password protected and initiated over secure encrypted communication channels.

- Application audit log – The application logs select security events including, but not limited to, login attempts and failures, user history and deactivation, and file access.

- Protection of data in transit – STARLIMS technology platform has advanced mechanisms in place that detect communication tampering and are efficient against automated penetration tools to ensure protection of data in transit.
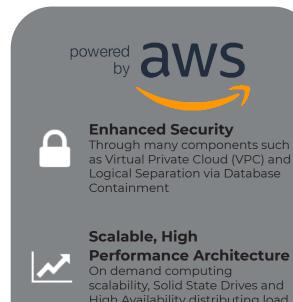
DYNAMIC ENVIRONMENT

As your business needs evolve, so do your computational needs. STARLIMS Hosting Services will adapt your CPU, memory, storage, and throughput requirements to meet your needs. Gone are the days when changing needs meant changing hardware and serious impact to your users. Hosting Services allows you to start with what you need now and expand as your business grows.

CLOUD INFRASTRUCTURE

Powered by Amazon Web Services

Leading Provider of Cloud Infrastructure, with Global Availability. AWS has millions of Active Customers and compliance with multiple standards[1].

powered by aws

Enhanced Security
Through many components such as Virtual Private Cloud (VPC) and Logical Separation via Database Containment

Scalable, High Performance Architecture
On demand computing scalability, Solid State Drives and High Availability distributing load across multiple servers, improving performance

High Availability
Automatic failover architecture, geographically separated, load balanced server and database cluster using always on availability groups

Global Coverage
Data Centers in Americas, Europe and Asia Pacific

[1]Reference: https://aws.amazon.com/compliance/

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