BioSoft Integrators

Laboratory Information Management Systems (LIMS)

The BioSoft Advantage

Don't pay for what you don't need. Get the right setup for your organization at a price that's right for your budget.

BioSoft Integrators is committed to providing the rapid delivery of scalable, collaborative and highly configurable Laboratory Information Management System (LIMS) software and High Performance Computing (HPC) analysis and automation software systems designed to address the unique needs of our customers' laboratory and data management requirements.

We execute our mission by offering a comprehensive mix of professional integration services and customization of revolutionary hardware and software technology platforms that allow our customers to focus on their mission—**the endless possibilities of science.**

Contact Us Today

info@biosoftintegrators.com
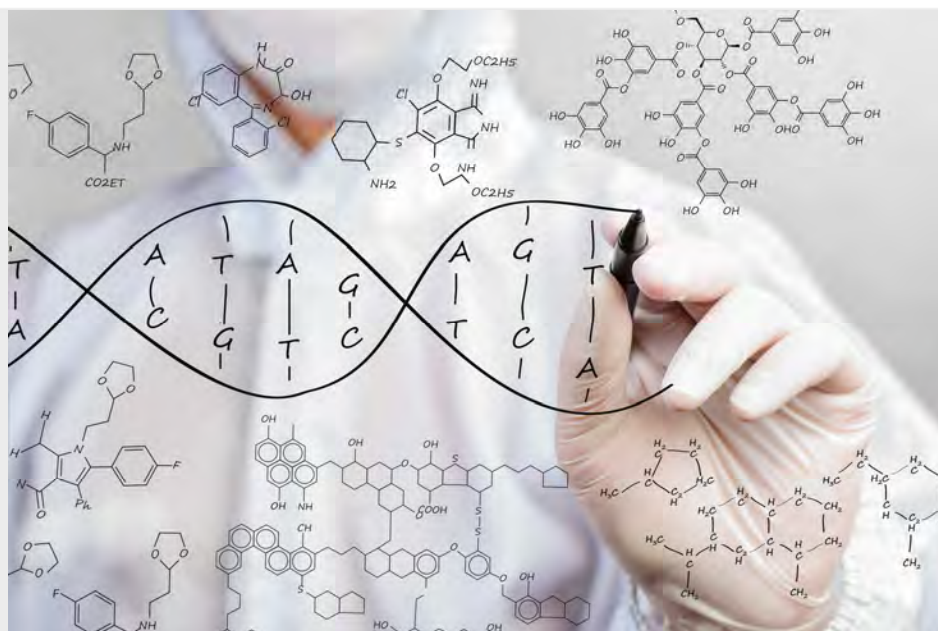www.biosoftintegrators.com
+1 (619) 793 – 5095

The BioSoft Integrators *LabOptimize*™ LIMS

"Your Lab, Your Way."

Biosoft Integrators believes in providing robust, flexible technology with a configuration strategy that is individually tailored to each organization's workflow and resources.

BioSoft's unparalleled *LabOptimize*™ LIMS feature a powerful core workflow engine combined with customizable user interfaces and lab equipment integration that can handle any throughput level cost-effectively. Unlike other LIMS offerings, *LabOptimize*™ is not a pre-packaged solution. We work with you and your stakeholders to identify the needs of your organization and implement user and system requirements that match your exact need profile.

BioSoft Integrators has the industry experience and expertise necessary to provide end-to-end process automation and analysis solutions for any organization from the manually-tracked lab to the fully automated and integrated consumer genomics facility.

LabOptimize™ LIMS Advantage

LabOptimize™ System Build
Core Workflow Engine
100% Java Developed

Hosting
Java Web or EE App Server
Minimizes Performance Bottlenecks

Deployment
Your choice of Web App and Operating System
App Server Options Include: Jetty, Tomcat, JBoss, Glassfish
OS Options Include: Windows and Unix

Process Design
XML based LabML Vocabulary
Supports LIMS Configuration
Fully customizable using standard object oriented development, easily accessible API's
Configuration adjustments can be made easily with Text or XML Editors, reducing time and costs

24/7 Support Services

Biosoft Integrators is with you every step of the way from installation and training through troubleshooting and feature modification

Scalable Simplicity

The *Lab Optimize*™ LIMS is designed to grow right along side of you. The easily configurable user interface provides maximum adaptability and scalability in an ever-changing industry

Custom Integration

Streamline your operations by letting us integrate your robotics, lab instruments, databases, and other softwares and algorithms

BioSoft Integrators

High Performance Computing (HPC) Solutions

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The BioSoft Integrators Custom HPC Solution

All of BioSoft Integrators HPC solutions are completely adaptable genetic analysis platforms for any lab on any budget.

BioSoft's unique platform design features a custom-configured high-performance computing engine designed specifically to meet the processing and storage needs of today's sequencing technology firms. Without the need for a backplane or shared power supply, BioSoft's platforms sport a greatly reduced system size without sacrificing performance. Our green design uses 55% recyclable/reusable material and features an industry-leading 90%+ efficiency rating. BioSoft Integrators has the industry experience and expertise necessary to provide end-to-end storage and analysis solutions for any organization from the manually-tracked lab to the fully automated and integrated consumer genomics facility.

BioSoft HPC Cluster Platforms

HPC, Analysis and Storage Clusters

96 Core HPC
192 Core HPC
288 Core HPC
Storage Cluster Node 72TB
Storage Cluster Node 144TB
Storage Cluster Node 500TB

Remote IT Support Services

6-Month and 12-Month Offerings w/ 24/7 Support Services available

Extended Warranty Services

2-Year and 3-Year Offerings for 96 Core, 192 Core, and 288 Core HPC Platforms

BioSoft HPC System Options

	96 Core	192 Core	288 Core
RAM	768 GB	1536 TB	2304 TB
Raw Storage	48 TB	48 TB	144 TB
10GB Ethernet	Yes	Yes	Yes
Head Node Cores	16	16	16
Head Node RAM	128 GB	128 GB	128 GB
Head Node Storage	2 TB	2 TB	2 TB
Compute Nodes	5	11	17
Compute Cores	16	16	16
Compute RAM	128 GB	128 GB	128 GB
Compute Storage	250 GB	250 GB	250 GB
High-Speed Switch	24 Port 10 GB E	24 Port 10 GB E	24 Port 10 GB E
Communication Switch	24 Port 10 GB E	24 Port 10 GB E	24 Port 10 GB E
KVM	No	No	No
LCD	No	No	No
UPS	Optional	Optional	Optional
PDU	8 Output	8 Output	8 Output
Spare Parts	Maintenance Kit	Maintenance Kit	Maintenance Kit
Rack Enclosure	15 U	42 U	42 U

24/7 Support Services

Biosoft Integrators is with you every step of the way from installation and training through troubleshooting and feature modification

Scalable Simplicity

The built-in ability to upgrade processor cores and storage space provides maximum flexibility and platform evolution capabilities as needs grow and change

Custom Integration

Streamline your operations by letting us integrate your third-party analysis packages and harmonize your data storage and analysis