

Key Requirements to install SLims

The Technology behind SLims, a platform providing LIMS + ELN solutions!

Key Installation Requirements

Software

- Operating System: CentOS Enterprise Linux or Redhat Enterprise Linux or Microsoft Windows Server 2008
- Database: MySQL or MS SQL Server
- Apache Tomcat 7+, open source application server
- Connectivity via ssh access (over VPN)

Hardware

- Physical or virtual server
- 2 CPU's or better
- 8 Gb of RAM or better
- Min. 500Gb HDD RAID1/5/50 with hot spare or SSD in RAID1
- Gb network connection

The SLims server needs to be installed within the same network range as the lab printers and computers (either through physical network connects or via VPN bridges).

SLims' supported barcode printers include

- Brady IP; Brady BBP11; Brady BBP12; Brady BBP33
- Thermo PrintMate™ Cassette Printer
- ZEBRA

Recommended barcode scanners

- Honeywell 1D/2D barcode scanners, USB or Bluetooth

SLims backups are in the responsibility of the customer. Genohm recommends commercial backup management software for both the database as well as the SLims files. However, if desired, Genohm can configure daily database dumpsGenohm, provided the backup target can be mounted as a volume on the SLims server (NFS, Samba, iSCSI). The daily follow-up and operations of these backup procedures falls under the responsibility of the customer.

About Genohm

Genohm is a Swiss company with offices in Lausanne (Switzerland), Ghent (Belgium) and in Durham, NC (USA). The company has developed SLims, a laboratory software automation suite. SLims provides laboratories with one integrated LIMS + ELN environment that tracks data and samples from the original sample shipment down to the result from lab machines and in-silico analysis pipelines. It fully accommodates the needs of any research lab, NGS lab, service facility, Biobank or QC lab.

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“SLims is the perfect
Lab Companion for
your Lab”

