



Streamlining NGS Data Management & Analysis

Reads to Discovery

Server Edition

RNA-Seq

DNA-Seq

ChIP-Seq

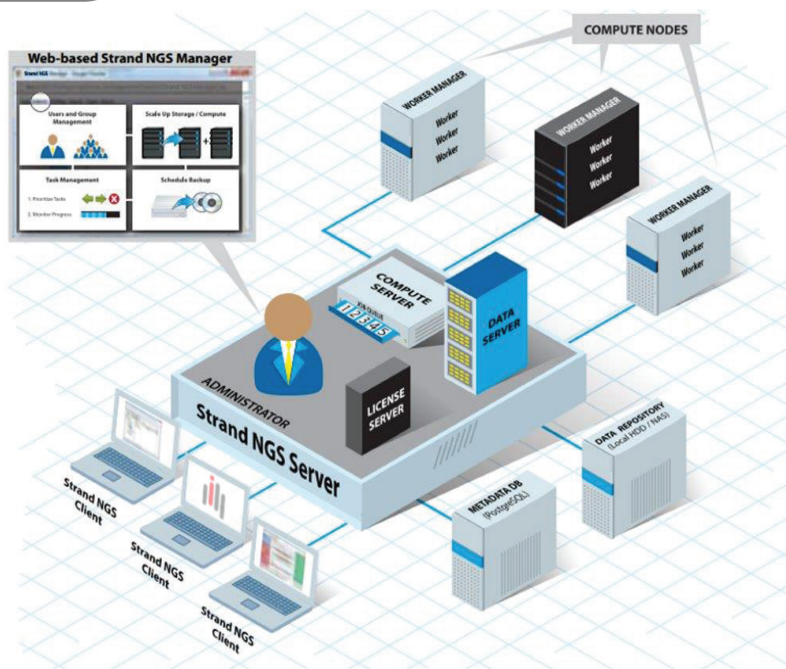
Small
RNA-Seq

Methyl-Seq

MeDIP-Seq

Analyze | Visualize | Annotate | Discover

strand 
New Generation Healthcare



Collaborative Analysis

- Allows different people working on the same project to easily collaborate with each other.
- Samples, analysis, and workflow pipelines can be shared.
- Objects can be shared with an individual user or a group.
- Sharing can be done with either Read-only or Read-Write permission.



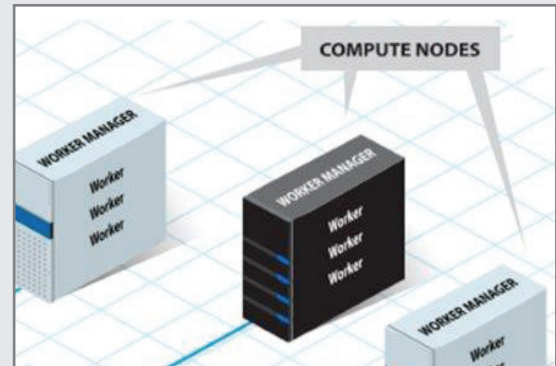
Centralized Storage

- Data and analysis results from multiple users stored in one place in a safe, backed-up manner.
- Data can be backed up regularly; possible to repeat backup weekly or monthly.
- Option to do the backup incrementally.
- Allows storing data in a new location, in case the current location is full, making incremental expansion of storage possible.



Scalable Compute

- Multiple compute nodes managed by the server to handle heavy computing.
- Compute can be scaled up by simply adding new machines to the network and configuring them as compute nodes.
- Higher reliability due to the distributed nature of the compute.
- Execution of tasks on a first-come, first-serve basis with a possibility for the administrator to reorder them if necessary.
- Status dashboard to show the task status and logs.



Web-based Interface for System Administration

- Allows creating and managing users and groups.
- Facilitates managing the compute resources.
- Allows the administrator to suspend, reschedule, reorder, or delete tasks.
- Group administrator sees only the tasks from his group members.
- System logs and usage can be monitored.



Easy and Flexible Deployment

- Major components of the Server Edition have separate installers and can be installed independently.
- Possible to have the Server, Compute, and the Storage on one big machine or on different machines depending on the available resources and the needs of the enterprise.
- Can have either node-locked licenses or shared floating licenses depending on the need.

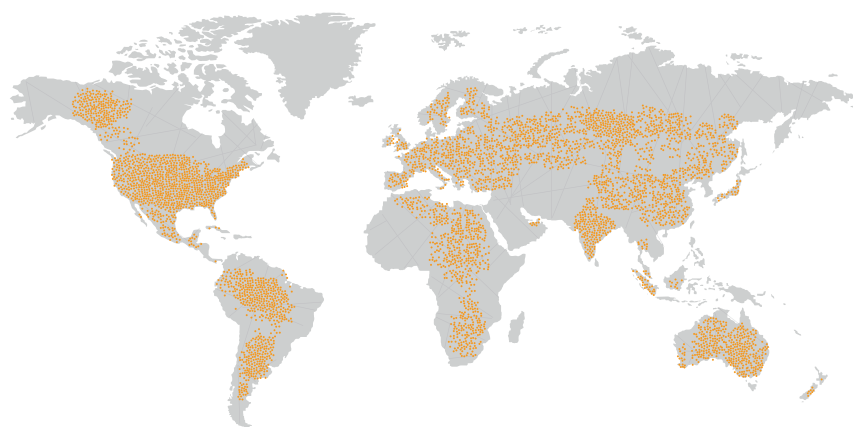


About Strand

A History of Innovative Genomic Research

Strand Life Sciences is a global genomic profiling company and leader in precision medicine diagnostics, aimed at empowering cancer care and genetic testing for inherited diseases. Strand works with physicians and hospitals to enable faster clinical decision support for accurate molecular diagnosis, prognosis, therapy recommendations, and clinical trials. The Strand Center for Genomics & Personalized Medicine is India's 1st and only CAP & NABL accredited NGS laboratory.

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For 15 years, our genomics products and solutions have facilitated the work of leading researchers and medical geneticists in over 2,000 laboratories and 100 hospitals around the world.

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