

## Clinical Data Management

With BC|CLIN data is collected into a single central database offering safe and organized storage for valuable research data. Data entry is made through a secure web browser interface making data collection structured, safe and easy.

BC|CLIN solutions are flexible and scalable, making them an ideal choice for both small projects and for large multi-center studies.

Additionally, BC|CLIN can be integrated with other BC applications, providing a unique set of tools for combining phenotypes and genotypes and managing the data flows from laboratories and clinics to the research results.

## Easy-to-use tools for secure data entry and data uploads

With BC|CLIN, the easy-to-use web browser access facilitates data entry and reduces human error. Automated data validity checks can be added to the data entry process, further improving data quality. User comments can be inserted with data values.

BC|CLIN provides the tools for transferring data from statistics or spreadsheet software, or from a database. Laboratory values can be uploaded to the database alongside other patient data.

Data can be securely and automatically transferred - even through firewalls.

## Dynamic database design for project-specific needs

With BC|CLIN, you can design data collection forms and database tables without any programming knowledge.

An intuitive interface for making database queries, snapshots and combined datasets is provided. Statistics and reports can be viewed online – so you can follow up on the data collection process. Additionally, the system can be connected with 3<sup>rd</sup> party statistics or spreadsheet software.

The web browser access facilitates the management and sharing of data within a research team and between research collaborators. Team members can have different user profiles as well as user- or center-specific data access rights, which is especially practical for multi-center studies.

## Technology Overview

BC|CLIN runs on an SQL database server and can be used with web browsers of Windows®, Mac® and Unix® workstations. In addition to the data management software from Biocomputing Platforms Ltd, the system consists of the following components:

- An intranet or internet database and application server
- RED HAT® Enterprise Linux® operating system
- IBM® DB2® Universal Database™ relational database software

The BC|CLIN server can be located at the customer institute or the solution can be hosted and used remotely as an internet service.

The connection to the server is encrypted using the SSL protocol. The system log files cover all data entries and modifications, and system access.

### Features & Benefits

- Quickly deployed
- Intuitive web browser interface
- Individual access rights and user profiles
- Data validity checks improving data quality
- Descriptive statistics and reports for the follow-up of data collection
- Easy data export to statistics and spreadsheet software
- Easy and flexible data uploads from 3<sup>rd</sup> party software and databases
- Ideal for both smaller studies and large multi-center data collection projects



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