

# Empower Your Assay Customers with Integrated NGS Analysis

BlueBee genomics data solutions deliver the full benefit of your assay



 Increase your product market share

Challenges with Next Generation Sequencing (NGS) often impede adoption of genomics-based diagnostic or research assays by new users. Eliminate these issues with a BlueBee integrated data analysis solution. Support and expand your market.

BlueBee is the industry's configurable and robust next-generation sequencing (NGS) data analysis platform—tailored to you. Combining high-performance computing, bioinformatics and genomics expertise to bring your data solution to market with speed and confidence.

#### BlueBee:

- Offers assay manufacturers a high degree of customization—compatibility with your proprietary pipelines, custom final reports and branded user interface

 Expand globally with compliant data centers

- Supports clinical applications, maintaining global data compliance certifications including HIPAA, GDPR, ISO 13485, ISO 27001 and more
- Inputs raw data from NGS or other technology (DNA, RNA, other) across sample types (bulk samples, single-cells, clinical samples) across methods (WGS, WES, whole transcriptome, targeted DNA/RNA, other) for any scale; your desired report and standardized result files are outputted
- Automates individual sample workflows and includes an integrated option, BlueBee's BlueBase application, for data aggregation, insight generation and complete knowledge management
- Is under your complete control for role-based user access and permissions, pipeline definition, infrastructure options and data ownership

 Ensure profitability of your data solution

#### How BlueBee works for assay manufacturers

BlueBee provides a fit-for-purpose data analysis solution to match your scientific, business and operational needs. Gain business-relevant insights, such as usage patterns and assay consumption rates to support forecasting for product management, sales and service teams. Track quality control metrics for benchmarking and assessing performance consistency over time. For strategic external collaborations with key customers or consortia, hospitals, biopharma, or other, provide a secure, seamless environment to aggregate and mine data. Find new biomarkers with diagnostic potential, assay performance indicators, or ways to improve disease classification and patient stratification.

 Standardize an analysis pipeline for your assay

#### How BlueBee works for your customer

Enable your customers to achieve analyzed results faster. Integrating a BlueBee NGS data analysis solution with your assay offering delivers a ready-to-go, end-to-end solution for your customers. Confidence is inspired by using an analytical pipeline that you have validated. Bundling your BlueBee solution with your assay kit makes an analysis achievable without delay, eliminating analysis and infrastructure barriers for your customers. Serve any customer throughput. Data privacy and customer ownership of data without interference from BlueBee are guaranteed.



## BlueBee works with your customer

1



### Customer receives assay

A BlueBee activation code is received with your assay. This secure key enables user-level access to your unique data solution.

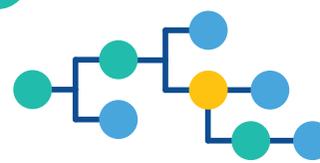
2



### Customer completes sequencing

NGS data is securely and easily transferred to your BlueBee private cloud, either by a service provider or an investigator lab. All protocol steps are documented and available to support clinical lab development of routine tests.

3



### Your customer easily processes data

Data processing, analysis and report generation are completed in an automated workflow. Global end user support and triage are available from BlueBee using an integrated support ticketing system.

4



### Your customer generates results

Creating an end-to-end solution for your assay drives better results and faster customer project cycles, ensuring the full benefit of your assay is realized.

## Maximize the value of your assay

Use BlueBee across your assay product portfolio to maintain consistency. Standardize on data security, scalability and offer your customers a best-in-class brand experience.

## BlueBee works with you

BlueBee is a highly-collaborative partner and functions as an extension of your product, bioinformatics and IT teams. Your customized data solution may use public or your own proprietary algorithms and annotation sources. We work with you to optimize the entire solution for performance and user experience.

BlueBee solutions typically go from concept to deployment in 6-12 weeks, depending on the number of pipeline iterations. This includes testing and technical validation.



*We picked a great partner...*

*BlueBee's worldwide data center contracts allowed us the portability of expanding the system anywhere we need it.*

Chris Wilson,  
IT Director, Agendia



Learn more

[BlueBee.com/assaypartners](https://bluebee.com/assaypartners)