



IntelliPact by Black Box for Life Sciences

The AI-Driven Executive OS for Enterprise Visibility and Action

Accelerating Innovation with Unified Intelligence for Quality, Compliance, and Faster Time-to-Market

In life sciences, data precision and speed to insight drive competitive advantage. IntelliPact™ by Black Box integrates R&D, lab instrumentation, clinical trials, and regulatory systems into a unified intelligence layer, transforming research and compliance data into actionable, outcome-aligned insights. By connecting discovery workflows, production quality, and compliance metrics, IntelliPact accelerates development while ensuring data integrity.

The IntelliPact business intelligence engine correlates data across ELN, LIMS, ERP, and QMS systems, tying operational metrics like batch yield, trial progress, and deviation resolution to KPIs such as time-to-market, compliance adherence, and portfolio ROI.

From Insight to Action

| | Strategic Need | How IntelliPact™ Delivers |
|----|-------------------------------|---|
| 01 | Accelerate R&D productivity | Consolidates experiment data, analytics, and supply chain inputs to reduce duplication and improve collaboration. |
| 02 | Enhance regulatory compliance | Monitors validation status, audit trails, and deviation tracking to ensure continuous FDA and GxP readiness. |
| 03 | Optimize clinical trials | Integrates trial management data with performance metrics to predict risks and improve participant retention. |
| 04 | Boost manufacturing quality | Correlates batch, deviation, and yield data to detect issues early and prevent production delays. |

Core Benefits



Shortened time-to-market through accelerated insight generation.



15–25% faster resolution of deviations and CAPAs.



Improved data integrity and traceability across all research systems.



End-to-end visibility from lab to launch.



Predictive analytics for clinical and regulatory readiness.

Why Now

The convergence of AI, automation, and evolving regulatory expectations requires life sciences organizations to unify data across R&D and manufacturing. IntelliPact bridges the gap between discovery and delivery, —turning operational data into measurable competitive advantage.

The Power Behind IntelliPact

Black Box powers IntelliPact with enterprise-grade observability and AI-driven automation, enabling life sciences innovators to accelerate discovery, ensure compliance, and increase the value of every molecule, process, and insight.

Black Box® is the connect-anything, optimize-everything partner. With over 45 years of experience, we deliver comprehensive solutions & services across data center builds, network architecture, connectivity, modern workplaces, cybersecurity, control rooms, and operations support — all designed to prepare clients for whatever future they envision. Our human-centered expertise and strategic approach enables us to help enterprises across finance, healthcare, transportation, and manufacturing transform technological possibility into operational reality.

