

# Accelerate Your Lab and Production Operations

Harness Your Data. Unleash Your Operation.

## Accelerate Your Lab and Production Operations with AI, Analytics, and Automation

At InflexionPoint, we help life-sciences companies accelerate every aspect of their operations at every scale. Our team and data-centric approach deliver tangible results and value. We specialize in deploying digital solutions, process automation, and advanced analytics, enabling you to leverage data from both new and existing systems and facilitate accelerated, informed decision-making.

### Operate with Confidence, Using Data

Accelerate new product and process development cycles. Improve production outcomes by maximizing yield, plant performance, and quality. Our solutions give you the visibility, knowledge, and control you require to operate safely and effectively.



## Serving Life-Sciences Companies for Over 40 Years

We understand the challenges faced by operators in life-sciences research and production, and deliver systems that foster operational excellence.



### Biotechnology

Streamline the processes of bringing laboratory discoveries to life, enhancing efficiency, and reducing time to market.



### Cell & Gene Therapy

Leverage digital solutions for decoding genetic landscapes and facilitating targeted therapeutic interventions.



### Pharmaceuticals

Optimize your production processes, ensuring seamless transition from research to production to distribution.

## Your Single Source for IT-OT Systems and Services

We work with you every step of the way, from initial requirements through design, implementation, and management.

### Design

We collaborate with you to define system and user requirements that consider the physical, logical, user interface, data, and cyber needs of your operations.

### Build

We leverage technology and best practices to control processes and equipment and leverage real-time data to drive operational efficiency and performance.

### Manage

We support, maintain, and actively monitor your systems, ensuring you are up and running while also freeing up your budget and people to focus on your business.

## Serving Life-Sciences Companies for 40 Years

### Deep Industry Experience. Far-Reaching Vision.

With 40 years of experience building and maintaining IT and OT systems for life-sciences companies (and other regulated industries), we understand your business goals and how technology, intelligently deployed and managed, can help you achieve them. Our clients include:



### Comprehensive Services to Accelerate Your Lab and Production Operations

- Digital Transformation
- Automation & Controls (PLCs, SCADA, DCS)
- Smart Manufacturing (MES)
- Advanced Analytics, AI/ML
- OT Cybersecurity
- Staffing Services
- Managed Services and Support

#### Eli Lilly Multiple Locations

- Goal to accelerate upstream process, product development
- Large volumes of time-series data available but cumbersome and time-consuming to access and summarize
- Needed context to make the metrics relevant and a tool that "spoke their language"
- We delivered a 'data mart' that frames the process data and makes it relevant for analysis, reporting, and comparisons
- Experiment parameters are used in conjunction with time-series, event, and outcome data
- Audit trail through DEV, QA, and production enables 21 CFR Part 11 compliance

#### Medimmune Frederick, MD

- We provided the Process Control and Information System (PCS) for a new 400,000 sq-ft biotech manufacturing facility
- Engineering included functional and detailed design, software development, factory and site testing, commissioning and validation support
- Also provided was a complete simulation system with process scenarios to be used for operator and engineer training
- We provided all of the PLC hardware, control panels, servers, racks, network switches, and operator workstations
- This facility was an ISPE Facility of the Year award winner



#### MannKind Danbury, CT

- We provided a Process Automation System (PAS) for a new inhalable insulin manufacturing facility
- The process included prep and hold tanks, formulation, lyophilization, and filtration along with typical process utilities (CIP, WFI, etc)
- The PAS also monitored critical GMP environmental systems
- Our duties spanned the entire project life cycle, including functional specifications, hardware and software design, implementation, FAT, Commissioning, SAT and validation support
- This facility received two ISPE Facility of the Year awards



### Your Trusted Life-Sciences Systems Integration Partner

Are you ready for a systems integrator partner that understands life sciences? Let us act as your partner to design and build the systems for lab and production operations — so you can focus on what you do best.



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