



Transforming Technology at a Biomanufacturing Plant for a leading Biopharmaceutical Company

Industry: Biopharmaceutical

Employees: 19,200

Location: Rhode Island, USA

Budget: \$1.8 M

Duration: 2 Years

Business Need

A leading biopharmaceutical company needed to build a low-cost, environmentally-conscious, next-generation biomanufacturing plant on the East Coast of United States to keep up with market trends for drug substance production. The plant would leverage a modular design, allowing for construction to occur in half the time of a traditional plant as modules would be fabricated offsite to save costs. Thinkbox was engaged for design development, infrastructure/IS implementation oversight.

Requirements



Construct next-gen facility with a modular approach. Integrate modules to existing facility and core business at existing brownfield location.



Deploy innovative network and infrastructure equipment to support critical manufacturing systems, establishing a highly resilient solution for 24/7 operations.



Deploy manufacturing application platforms to support integral business functions and drug substance production, a key driving factor for revenue realization.

Solution



Developed IT infrastructure and structured cabling design schematics; collaborated with construction teams for on-time and accurate delivery of facility.



Thinkbox IT Consultants procured, delivered, and implemented innovative technology by overseeing vendors and client teams to ensure success.



Thinkbox Consultants aligned IT, infrastructure, and construction timelines to ensure Go-Live was on time, allowing for critical applications to support production.

Outcomes

Cost Savings from lean vendor management.

Faster Time-to-Market with modular approach.

Increased productivity through PM services.



About Thinkbox

Thinkbox Technology Group ("Thinkbox") is an independent consulting firm providing IT strategic services with high caliber IT project manager and design professionals. Our business partners value our in-depth knowledge of industry trends and economically responsible initiatives, which provide clients with solutions for today and prepare the client landscape for future technologies.