

•Situation

- Increased demand for product and approval in healthcare markets has led to a 150% increase in production throughput
- Scheduling done manually and siloed by department
- Sr. Mgt interested in benchmarking labor efficiency vs. industry best practices

•Goal

- Observe operators and develop recommendations for labor efficiency
- Create scheduling models for 14 and 12 day cycle times

•Approach

- Observe operators in each area and analyze behaviors and
- Model batch process using SchedulePro® de-bottlenecking software and traditional Excel modeling

•Results

- Implemented scheduling software to be used for both 14 and 12 day CT
 - Potential reduction in human scheduling errors by ~10%
 - Transparent scheduling process for all levels throughout the organization
- Identified savings opportunities in excess of \$49K

- **Biopharmaceutical firm that focuses on life-changing therapies for patients living severe often ultra-rare diseases**
- **Fortune 2000 company, publically listed with market cap of \$9.15B (2011)**
- **Over 800 employees worldwide, with offices in the US, Canada, Japan and EU**
- **Industry Awards and Recognition**
 - **Prix Galien USA Award for Best Biotechnology Agent**
 - **Prix Galien France award**