

# Pen Injector Case Study

## Product

- Pen Injectors
- Cartridges
- Pen Needles
- Automated Injector Release Test System

## Issue

- Intermittent Dose Accuracy
- In-process check failures
- Throughput versus data collection

## Resolution

- Comprehensive investigation of existing automated process steps and root cause investigation followed by risk-ranked testing strategy
- Final analysis led to root cause identification and effective corrective actions

