

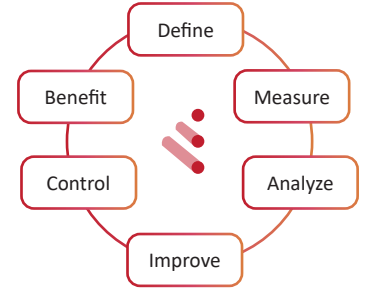


OptimyzSM

Cold Chain Process Optimization Services

by Akuratemp[®]

OptimyzSM is a cold chain process optimization consultancy service designed to support laboratory cold chain operations by reducing temperature-excursion risk and delivering measurable, data-driven improvements using Lean Six Sigma methods.



Reduce Specimen Rejects. Build Reliability.

Identify failure modes, fix root causes, and sustain improvements so fewer specimens are rejected and every lane runs with confidence.

- Fewer excursion rejects
- Clear current-state view
- Prioritized failure modes
- Higher asset reliability
- End-to-end traceability
- Standardized, controlled ops

- Methodology: DMAIC (Lean Six Sigma)
- Core outputs: End-to-end process map | Performance benchmarks | Reliability studies | Improvement roadmap
- Data Foundation: Real time - Temp | Location | Time
- Sustainment: Real time | Historical reporting

The Problem

Cold-chain processes may appear stable until a failure occurs. A small gap in a handoff or underperforming asset can quickly lead to temperature excursions, specimen rejection, or audit exposure. The issue is rarely a single step — it is a system-level problem. Organizations often face:

- Hidden failure points across people, assets, and workflow
- No defined performance baseline
- Inconsistent procedures that fail to sustain improvement
- Without visibility and standardization, the same problems continue to recur.

The Solution

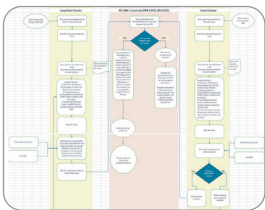
OptimyzSM applies the DMAIC framework to map the current process, measure real performance with Akurasense[®] data, analyze root causes, implement corrective actions, and put controls in place—then re-quantifies benefits and re-defines goals for continuous improvement.

Process Optimization Steps

Define & Map

Identify the problem, goals, and project charter.

Map current-state workflow (people, assets, handoffs).



Measure & Benchmark

Collect real-time temperature & location data via Akurasense[®].

Benchmark performance and baseline asset reliability.

