

Case Study: Transforming 24/7 Sobriety Programs with Autonomous Technology

Client: Friedel Clinic, Billings, MT

Focus: High-Volume, Court-Mandated Alcohol Screening **Device:** BreathLogix Workplace Series (WS)

About Friedel Clinic

Friedel Clinic is a private healthcare provider based in Billings, Montana, focused on advanced diagnostic and therapeutic services that support brain health and overall well-being. The clinic offers personalized treatment programs. In addition to clinical services, Friedel Clinic supports compliance-oriented testing programs, such as court-mandated, probation, treatment monitoring, and 24/7 sobriety programs, leveraging tools like the BreathLogix Workplace Series (WS) to conduct high-volume, reliable alcohol screening and monitoring for legal and treatment populations.

Executive Overview

Alcohol testing programs are under increasing pressure to scale while facing limited staffing and high operational costs. Friedel Clinic, a private healthcare provider serving courts and probation programs, successfully transitioned from labor-intensive manual testing to an autonomous, unmanned model using the BreathLogix Workplace Series (WS). This shift allowed the clinic to sustain thousands of tests over multiple years with zero downtime and significantly reduced overhead.

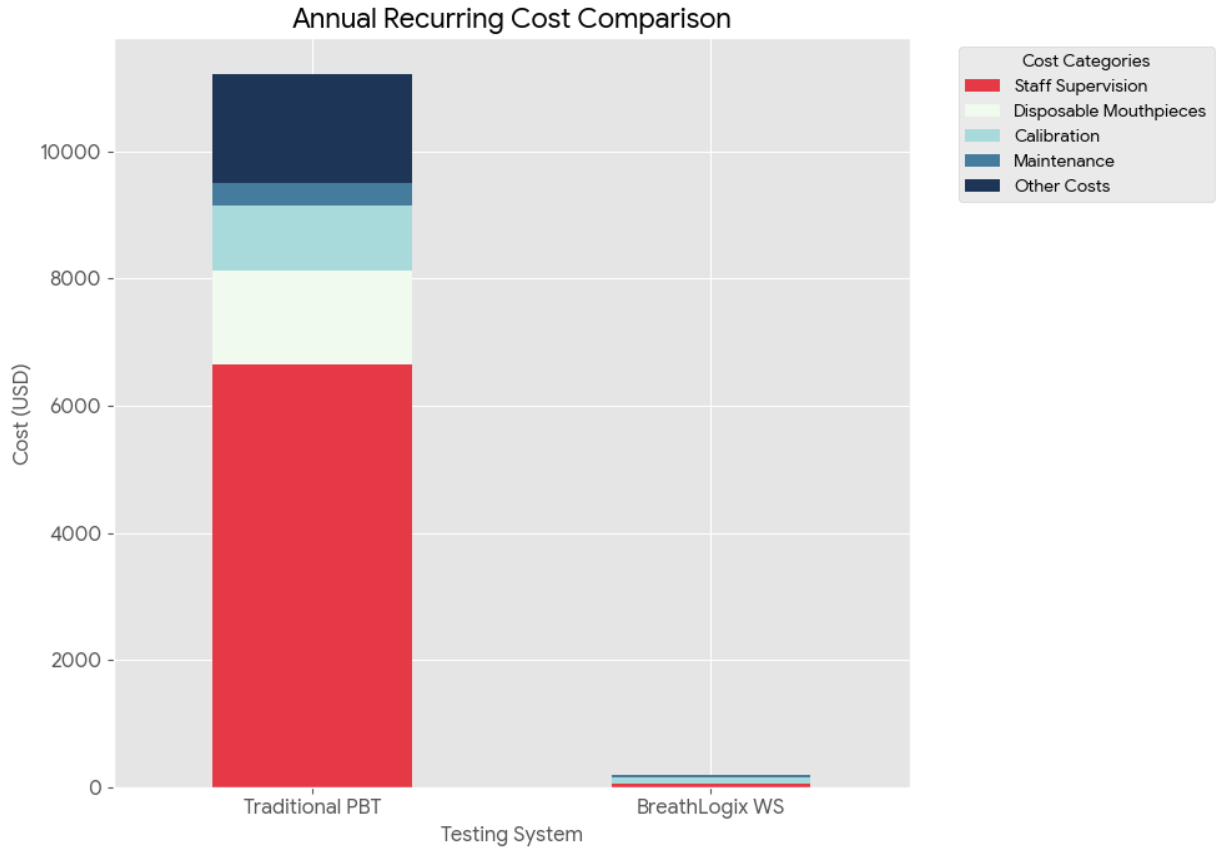
At Friedel Clinic—a provider serving courts, treatment programs, and monitored populations—the system has supported thousands of tests across multiple years while maintaining consistent performance in a high-accountability environment. The deployment demonstrates how automation can expand capacity, reduce hands-on administration, and sustain reliable compliance.

Using the BreathLogix system, Friedel Clinic maintained high daily testing volumes during peak demand with zero downtime. The consistent performance strengthened its standing as a preferred provider for accountability courts, court-ordered treatment, and other compliance-driven programs.

Operational Impact & Cost Comparison

The transition from traditional handheld Preliminary Breath Test (PBT) devices to the BreathLogix WS platform delivered measurable financial and operational improvements.

Metric	Traditional PBT Devices	BreathLogix WS Platform
Testing Model	Staffed, manual testing	Autonomous, unmanned testing
Staff Supervision	2 hours/day	0 hours/day
Annual Staff Cost	\$6,660/year	Near \$0
Annual Downtime	135 days/year	0 downtime +2
Disposable Costs	\$1,460/year	Near \$0 (Contactless) +1
Total Recurring Cost	\$11,222/year	Significantly Reduced



Key Takeaway: The BreathLogix WS eliminates approximately \$11,222 in annual recurring costs per unit by automating supervision and removing the need for disposable mouthpieces.

Reliability & Accuracy Profile

In a legally sensitive environment, accuracy and defensibility are non-negotiable. Friedel Clinic reported a flawless reliability record over a 2–3 year period.

- **Total Tests:** Thousands of real-world tests conducted across multiple years.
- **False Negatives:** 0 identified.
- **False Positives:** None attributable to the device (only environmental exposure to cleaning agents).
- **Confirmatory Testing:** 100% of positive results successfully underwent confirmatory testing.

- **Uptime:** 100% operational continuity with 0 hours of downtime.

Technology Differentiators

The BreathLogix WS is a compliance platform designed to redefine industry standards through:

- **Autonomous Operation:** Fully autonomous testing capability requires no continuous staff supervision.
- **Contactless Architecture:** Reduces biohazard exposure and eliminates reliance on disposables.
- **Cloud-Integrated Compliance:** Real-time reporting, automated SMS/Email alerts, and secure data storage provide regulatory defensibility.
+2
- **Regulatory Legitimacy:** Approved by the NHTSA and DOT, and listed on the Conforming Products List (CPL) as an Alcohol Screening Device (ASD).

Strategic Conclusion

The Friedel Clinic deployment validates that the BreathLogix WS is a scalable, enterprise-grade solution for 24/7 sobriety programs. By transitioning from manual labor to automated infrastructure, organizations can achieve 24/7 compliance availability, faster throughput, and a significant reduction in long-term operational expenses.

"Amazing piece of equipment." — **Program Administrator, Friedel Clinic**