



# LEANTrak™

Line Performance Assessment

**We are currently offering our clients a promotional price for a LEANTrak™ Line Performance**

Interested in how LEANTrak™ works? Sylution will set up LEANTrak™ on your Line to collect real-time performance data for a shift. We will track the line rate, all start & stop events, downtime durations, and downtime causes. All information will be summarized in LEANTrak™'s standard reports and then used to analyze your line. A Line Simulation Analysis will be done using the LEANTrak™ data to check your accumulation levels and line balance. Line improvement opportunities will also be checked to see how many cases per shift they will increase production.

### Define & Measure

- Your Line will be tracked with Parsec's Portable LeanTrak system for one shift.
- A Lean Six Sigma Black Belt will conduct the assessment.
- LeanTrak requires no PLC connections.
- Quick 1 hour setup



### Analyze

- You will see in real time the exact downtime of your line or equipment, and the reasons and categories of the loss by shift, product, or lot.
- You will get a final report that includes standard TrakSYS™ reports showing shift performance for multiple KPIs including OEE, rate, yield, and downtime length & frequency.
- A Simulation Analysis will also be performed to determine the impact that improvements will have on production.

### Improve & Control

- We will identify, quantify, and prioritize improvement opportunities for your line.
- We will provide a report with the suggested next steps to improve your line along with their expected impact on shift production in terms of cases per shift.

### Uses for a Line Performance Assessment

- Deliver Measurable Line Results Fast
- Determine your Line OEE, Takt time, and Cycle Time
- Move your continuous improvement initiatives forward.
- Track Kaizen event & improvement project performance
- Measure machine performance for meeting vendor performance guarantees.

Sylution Incorporated * Acquire * Analyze * Present		Line Performance Assessment Analysis Report			
Item Num	Improvement Description (Problem \ Solution)	Units Between Failures (Bottles)	Repair Time (Min)	Projected OEE Improvement (Cases/Shift)	(Line OEE %)
1.0	<b>Problem: Downstream Stopping Filler</b> Labeler and Packer jams are stopping the filler on average every 10:00 min for about 2 minutes. This is resulting in the line performing well below expectations.	2,000 (10 min)	2:00	11,200	70.0%
1.1	<b>Solution: Add Accumulation</b> Add 3 minutes of accumulation between the filler and the labeler.	12,000 (60 min)	2:00	13,006 (1,648 cases)	81.3%
2.0	<b>Problem: Filler Infeed Star Wheel Jams</b> The infeed star wheel on the filler is averaging a jam every 4,000 bottles. Each jam knocks it out of alignment. It currently takes 2:00 minutes to realign it and retighten the set screw.	4,000 (20 min)	2:00	11,200	70.0%
2.1	<b>Improvement: Add Star Wheel Clutch</b> Buy a clutch for the star wheel. This will reduce the repair time to 30 seconds and reduce the frequency of the jams by ensuring that the star wheel is reset accurately after each jam.	8,000 (40 min)	0:30	12,168 (968 cases)	76%

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