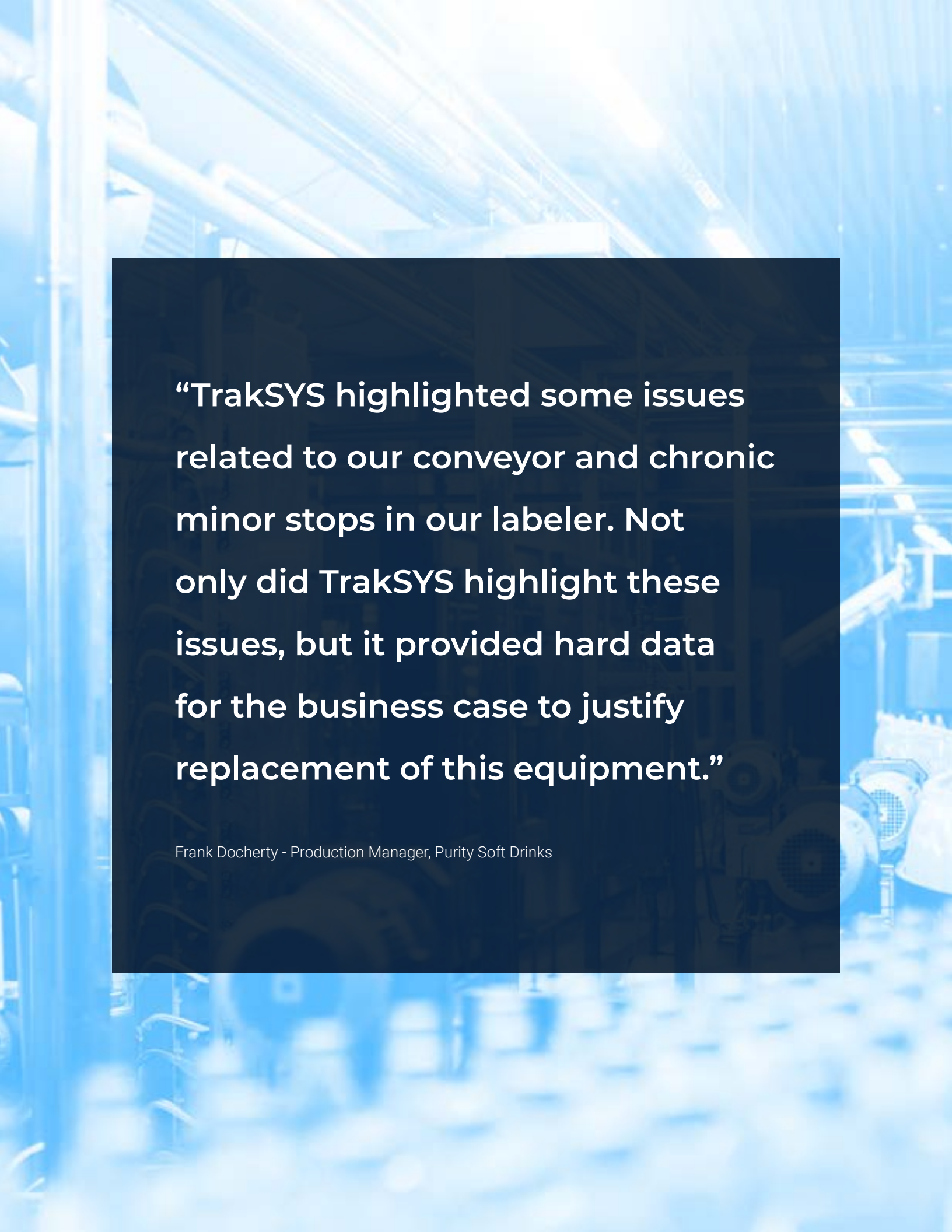# PARSEC™

## Purity

# BURSTING WITH PRODUCTION EFFICIENCY

A TrakSYS™ powered story
of operational efficiency
at Purity Soft Drinks

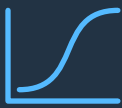Featuring Cimlogic,
a Parsec Certified Gold Partner

## CIM LOGIC

"TrakSYS highlighted some issues related to our conveyor and chronic minor stops in our labeler. Not only did TrakSYS highlight these issues, but it provided hard data for the business case to justify replacement of this equipment."

Frank Docherty - Production Manager, Purity Soft Drinks

# ABOUT

Purity Soft Drinks manufactures juice and juice drinks out of their facility in Wednesbury,

West Midlands. The facility (like many other manufacturing facilities) was grappling with:

1. Paper-based operations management

2. No efficient way to track OEE

3. No real-time method for analyzing available data

4. Excessive operator time spent on manually categorizing downtimes

Increase capacity
(or decrease production time)

Increase return
on assets

Reduce operating/conversion
cost per unit

Better manage
capital

# GOALS

Aware of all the obstacles, Cimlogic began architecting their roadmap for a streamlined

implementation of TrakSYS.  As a means of optimizing efficiency, Cimlogic recommended

utilizing TrakSYS for performance management. Having an electronic records-based

solution that integrated into to the manufacturing process via a MOM platform, would

provide real-time analysis, and shed new light on operations.

## Purity Soft Drinks' goals with TrakSYS included:

Accurately Managing Quality

Increase capacity (or decrease production time)

Increase return on assets

Reduce operating/conversion cost per unit

Better manage capital

Increase total shareholder returns

# SOLUTION OVERVIEW

Because TrakSYS uses a variety of industry standard protocols to connect to existing infrastructure, Cimlogic was able to give Purity Soft Drinks a solution that provided real-time insights into multiple machines on their PET (Polyethylene Terephthalate) line, such as the blower, filler, labeler, sleever, and palletizer. Leaving paper-based operations in the past, all operators, managers, and other designated parties, would now be able to view/manage production from any device, anywhere, anytime.

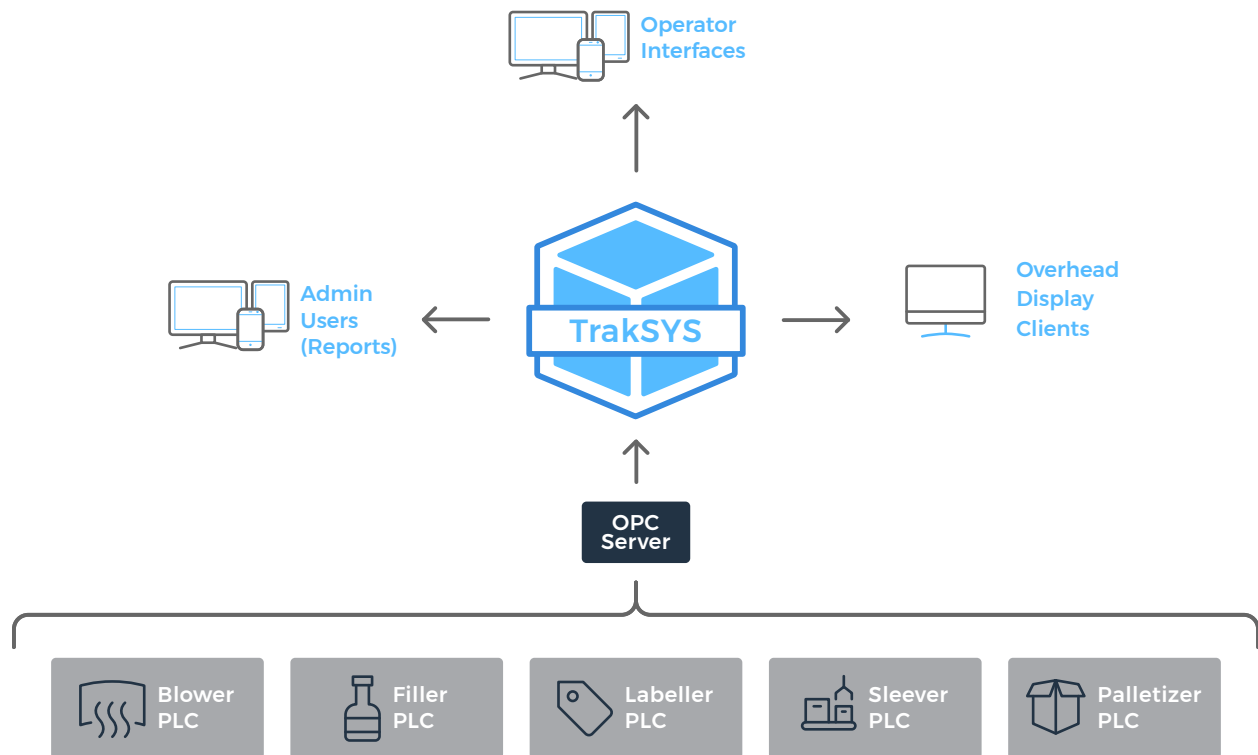## Key TrakSYS Features

Data Management

Production Management

E-Records

# SOLUTION ARCHITECTURE



Operator Interfaces

Admin Users (Reports)

TrakSYS

Overhead Display Clients

OPC Server

Blower PLC

Filler PLC

Labeller PLC

Sleever PLC

Palletizer PLC

"TrakSYS has finally allowed us to ditch our old, inaccurate manual data collection system. Finally, we have real-time performance information at our fingertips."
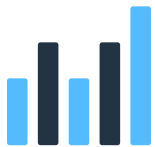
Frank Docherty - Production Manager, Purity Soft Drinks

# RESULTS

**TrakSYS successfully bridged the gap between data, and real-time results at Purity Soft Drinks.**

Live screens provided feedback to both technicians and leadership.

Within three months, Purity Soft Drinks saw an average OEE increase of 4%, equating to an extra 400 cases per shift.

In just under three years since initial implementation of TrakSYS, Purity Soft Drinks has achieved an OEE improvement of nearly 20%. TrakSYS enables Purity Soft Drinks to effectively analyze losses, determine root cause(s), and take action.

# PARSEC™

Parsec is the developer of TrakSYS™, a real-time manufacturing operations management software platform deployed at thousands of factories in over 100 countries. TrakSYS aggregates data from multiple sources to deliver real-time, actionable intelligence that helps manufacturers to reduce production costs, decrease lead time, and improve profitability. To learn more about Parsec and TrakSYS, please visit www.parsec-corp.com.

**Address:** Parsec Automation Corp.
180 N Riverview Dr., Ste. 300
Anaheim CA 92808 USA

**Web:** www.parsec-corp.com
**Phone:** +1 (714) 996 - 5302
**Email:** info@parsec-corp.com

# CIM LOGIC

Cimlogic is a Parsec certified gold level partner, and has become a leader in Manufacturing Operations Management consultancy. They offer services in design, implementation, analysis, and support, all in an effort to drive World-Class Manufacturing. Visit the website at www.Cimlogic.co.uk to learn more about TrakSYS powered World-Class manufacturing.