

# The Executive's Quality Brief

Unlock Smarter, More Competitive Manufacturing



## Creating Connections

We'll get right to it. Quality matters. Be it in your finished wares, your production processes, training, supply chain partners, or otherwise—quality is king. For businesses looking to optimize their Quality Management strategy, TrakSYS has you covered.

Our Manufacturing Execution System (MES) is your technological North Star, serving simultaneously as an orchestrator—capturing real-time production data from IIoT-enabled devices connected to shop-floor machinery—and an analyst—offering contextualized insights about what the data means and why it matters.

Designed with manufacturers in mind, TrakSYS hosts functionality for things like Lean Management, Predictive Maintenance, Statistical Process Control (SPC), Root-Cause Analysis, Traceability, Batch Management, and more. From a quality standpoint, this means being able to identify errors before they spread and flag all affected batches or SKUs for quality control. At the same time, teams can pinpoint the root cause of defects and review data-backed recommendations for improvement, furthering organizational goals of incremental progress. The E-records and comprehensive audit trails created support regulatory compliance and serve as a handy, accessible reference.

## Your Quality. Our Platform.

Per IDC's findings, TrakSYS has proven to deliver tangible benefits to core areas of operations by enhancing management efficiency, boosting plant floor productivity, and elevating quality control. In doing so, TrakSYS creates the following impact:



**454%**  
3-year ROI



**9 months**  
to payback



**12%**  
more productive  
manufacturing floor staff



**28%**  
fewer manufacturing  
errors



**30%**  
faster correction of  
manufacturing errors



**6%**  
increase in quality  
control productivity



**\$2.32M**  
savings in  
materials costs



**\$3.25M**  
total new revenue  
gained annually



**13%**  
improved order  
delivery time

Manufacturing is as complex as it is varied. No stranger to the nuanced needs of manufacturers in batch, continuous, process, and discrete industries, here is a high-level look at how TrakSYS unlocks optimized Quality Management:

**Real-time quality data collection.** Define and manage your quality control plans, schedule unique production and quality tasks, provide instant access for quicker decision-making, and configure alerts and automated workflows to communicate and resolve problems efficiently.

**Document and revision control.** Store and provide access to various file formats—pictures, videos, flowcharts, checklists—in the TrakSYS Document Library to standardize practices, maintain security, and effectively track documents and system revisions.

**Scrap and defect tracking.** Maintain a clear view of the production floor, receive updates on quality issues, and engage operators to detail specific root causes and leverage their knowledge for continuous improvement.

**Statistical process control (SPC).** Input data manually or seamlessly connect to in-line or offline measurement equipment to run SPC that regulates quality, improves process capabilities, and minimizes the cost of poor quality.

**Traceability.** Record and retrieve time-series production and process data to help teams analyze sources of variation, identify process improvement opportunities, and quickly troubleshoot root causes.

**Customer complaint management.** Record, track, and analyze customer complaint trends and identify whether complaints originated from specific production dates, shifts, products, batch numbers, lot numbers, and production lines to better determine corrective measures.

**Non-conformance/corrective and preventive action management.** Record, track, and document non-conformances to drive supplier performance, improve customer satisfaction, and speed up the resolution process.

Quality isn't optional; it is the foundation of trust, compliance, and competition. TrakSYS gives you the visibility, knowledge, and control you need to bake quality into every facet of your operation—every day, batch after batch.

Learn more about TrakSYS-Powered Quality Management by [visiting our site today](#).

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Parsec is the developer of TrakSYS<sup>TM</sup>, a proven operations management software application and solution platform designed to significantly improve manufacturing processes. Parsec is committed to providing best-in-class products and solutions to our worldwide community of clients to assist them in optimizing their manufacturing operations. There are thousands of TrakSYS licenses in use around the globe in a wide variety of Industries.

TrakSYS helps manufacturers to maximize asset utilization and efficiency, increase capacity with no new capital equipment, reduce production costs, decrease lead time, and improve profitability. For more information about Parsec and TrakSYS, please visit the corporate website at [www.parsec-corp.com](http://www.parsec-corp.com).