



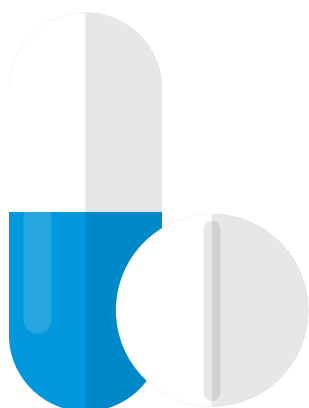
Case Study

Grupo Farmasierra

Reducing Process Time while Improving Quality

Solution delivered by Parsec Certified Partner





Pharmaceutical Industry

Grupo Farmasierra needed a real-time operations management software that worked with the existing infrastructure and could be deployed across the manufacturing value stream.

Utilized TrakSYS™ Features & Functions



ERP Integration



Recipe & Batch Management



Electronic Batch Records



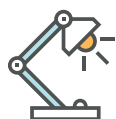
Regulatory Compliance



Quality Management



Traceability & Genealogy



Task Management



Performance Management



Grupo Farmasierra Goals

Reduce Manufacturing Process Time

Reduce WIP and Lead Times

Enhance Operators Engagement


Improve Compliance

Grupo Farmasierra was founded in 1996 and is a life sciences manufacturing company located in Madrid, Spain, with focus on pharmaceutical, food supplement, and cosmetic products. Farmasierra is heavily dedicated to research, development, and innovation, with a product range that is constantly growing and is available to healthcare professionals worldwide¹. Grupo Farmasierra needed an out-of-the-box software solution that could scale and extend as needed for future product and production changes.

In the food and drug manufacturing industry, it can often be a challenge to make process improvements for fear of falling out-of-line with regulation standards and compliances.

Farmasierra needed a real-time operations management software that worked with the existing infrastructure and could be configured across the manufacturing value stream. For this, Farmasierra turned to Parsec for TrakSYS™ MES, to address the following:

- Apply DMAIC (define, measure, analyze, improve, control) principals across disparate sources throughout the value stream
- Enhance employee engagement in plant floor operations
- Comply with industry regulations and auditing



“With the TrakSYS™ solution in place, the data reliability has improved significantly. All facets of data collection, edits, and transformation are strictly controlled and recorded with electronic signatures and timestamps. Where data is collected automatically, the system ensures data integrity, uniformity, and consistency.

All the information systems involved in production are now connected through TrakSYS™, so the information access is achieved in real-time with focus on continuous improvement. The solution has been broadly adopted by the Farmasierra staff. And, because of its intuitive and streamlined user interfaces, the staff training was straight forward and very quick.”

- Dr. Tomás Olleros,
President & CEO

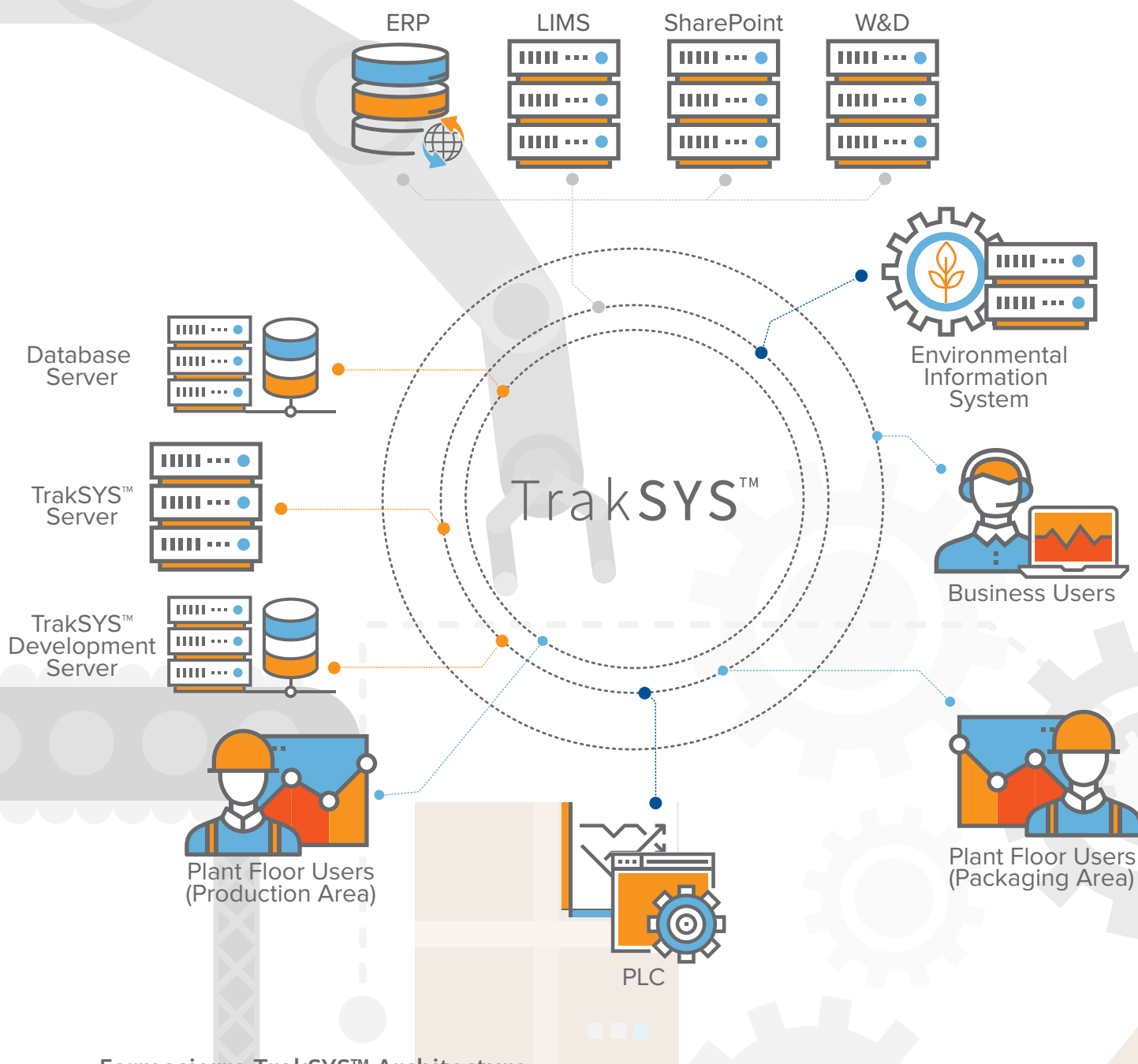
Compliance

In the pharmaceutical industry, regulatory compliance is of great importance. Any solution deployed that could affect the quality of the products must be designed, tested, verified, and documented in accordance with Good Manufacturing Practice (GMP). GMP ensures that products manufactured meet strict quality requirements.

Farmasierra, wanted to adhere to strict compliance with GMP and 21 CFR Part 11 mandates. Using TrakSYS™, the following requirements were effectively addressed:

- Material management
- Traceability of the production steps and audit trail
- Collection of data for creation of electronic batch records
- Digital signatures
- Quality management through managed tasks, data recording, and notifications





Farmasierra TrakSYS™ Architecture

With the help of Parsec Certified Partner ASM Soft, TrakSYS™ was integrated with Farmasierra's:

- ERP (enterprise resource planning) — download of orders and master data; and upload of production times, labor times, and materials consumed.
- LIMS (laboratory information management system)
- W & D (weighing and dispensing)
- Microsoft SharePoint

Integration with automatic devices; scales, barcode readers, environmental data (temperature, humidity, differential pressure, etc.), and PLCs (programmable logic controllers) allowed Farmasierra comprehensive real-time visibility across the manufacturing processes.

TrakSYS™ was broadly adopted
by all Farmasierra staff,
with quick and effective training.

“Paper on the shop floor is synonymous with poor productivity and high risk. By implementing an Electronic Batch Records (EBR) solution using TrakSYS, we’re on track to eliminate 100,000 sheets of paper per year.”

- Juan Granados, CIO

Benefits Achieved with TrakSYS™ Solution

- Product defects resulting from poor quality from sources, manufacturing process errors, and human error were all greatly reduced with TrakSYS™ Workflow Management, Traceability & Genealogy, and eForms.
- Created an enterprise-wide information flow that was real-time, agile, efficient, and readily available for continuous improvement with informed decisions.
- Process lead times reduced by better workflow management. Reducing changeovers of shifts and equipment and minimizing manual operator interaction with systems and data.
- Improved manufacturing processes while reducing production costs and adhering to all compliance regulations.



About Parsec

Parsec is the developer of TrakSYS™, 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.

Sources

1. GRUPO FARMASIERRA, S.L. Grupo Farmasierra. (n.d.). Retrieved December 31, 2015, from <http://www.farmasierra.com/ing/grupo.cfm>

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