



IX® Case Study

**Transforming Operations Through Strategic ERP
Optimization**



**IMPLEMENTATION
ENGINEERS®**
BEYOND CONSULTING

19%**improvement
in customer
delivery****41%****improvement
in forecast
bias****2%****increase in
schedule
attainment**

A Frozen Food Leader Facing Scalability Challenges

A private-equity-owned frozen food manufacturing company struggled to meet growing customer demand due to inefficiencies in production scheduling, procurement, and inventory management. Despite having an ERP system, reliance on manual, offline tools like spreadsheets led to increased costs, suboptimal processes, and limited scalability. Implementation Engineers, a strategic execution partner, was engaged to optimize the company's Deacom ERP system, aligning technology with operational needs to drive efficiency and growth.

Challenge: Unlocking Growth Hindered by Underutilized ERP Capabilities

The company's dependence on offline tools underutilized its ERP system, resulting in:

- Suboptimal inventory positioning, increasing costs through frequent re-deployments.
- Inefficient production scheduling, reducing throughput and responsiveness.
- Inaccurate demand forecasting, impacting material requirements planning (MRP) and customer fill rates.
- Limited cross-functional visibility, hindering collaboration and decision-making.

Without a fully optimized ERP system, the company faced barriers to leveraging existing or co-manufacturer production capacity to meet demand.

Streamlining Operations Through Targeted ERP Optimization

Implementation Engineers executed a 20-week ERP Optimization Project, structured into three workstreams to maximize Deacom's functionality across order management, demand planning, scheduling, procurement, and inventory deployment:



Optimizing Order Management & Demand Planning for Precision

- Activated Deacom's Allocation/Fulfillment and Restricted functionalities to prioritize inventory based on demand priorities and business rules.
- Refined the Sales, Inventory, and Operations Planning (SIOP) tool for granular forecasting at the item and distribution center (DC) level, enhancing MRP inputs.



Automating Scheduling & Procurement with ERP-Powered Efficiency

- Replaced Excel-based processes with Deacom's production scheduling and MRP capabilities to streamline operations.
- Enabled automated job creation, scheduling calendars, and procurement toolsets for purchase order (PO) execution and strategic sourcing.



Enhancing Inventory Deployment Through ERP-Driven Integration

- Leveraged Deacom's MRP to improve operational efficiency and data integrity.
- Developed a deployment application to allocate inventory proportionally across third-party logistics (3PL) partners, minimizing service disruptions during supply constraints.

Implementation Engineers delivered tailored ERP solutions to transform operations:

- ## Decision-Making Tools

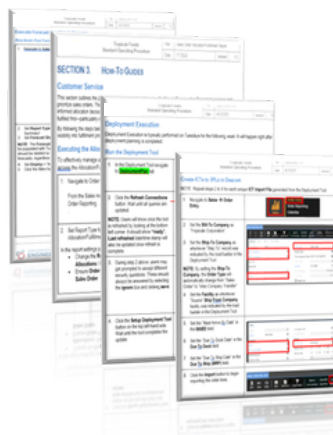
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- **Deployment**

Deployment & Inventory Tool



- ## Work Instructions (SOP)

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RACI Matrix



Results: Measurable Gains from ERP Optimization

The ERP Optimization Project transformed the company's supply chain, delivering:

- **19% Improvement in Customer Case Fill Rate:** Enhanced allocation logic and forecasting accuracy boosted fulfillment efficiency.
- **19% Improvement in On-Time Shipments:** Streamlined scheduling and deployment improved delivery reliability.
- **41% Improvement in Forecast Bias:** Granular SIOF forecasting reduced errors, aligning production with demand.
- **2% Increase in Schedule Attainment:** Automated scheduling improved production adherence.
- **~35% Reduction in Planning Time:** Weekly distribution planning dropped by ~7 hours, with further gains expected.
- **Enhanced Cross-Functional Visibility:** A unified Deacom data source improved collaboration.
- **Reduced Manual Processes:** Scalable ERP solutions replaced inefficient tools.
- **Lowered Business Risk:** Cross-training and clear ownership strengthened resilience.

Strategic Partners in ERP Optimization

As operations experts with deep technology expertise, Implementation Engineers goes beyond recommendations—we implement solutions. By aligning Deacom's capabilities with the company's operational needs, we drove measurable results and ensured seamless adoption, empowering executives to achieve efficiency, visibility, and growth.

The ERP Optimization Project enabled the company to capture additional sales and scale effectively. With a 19% improvement in customer case fill rate and on-time shipments, a 41% reduction in forecast bias, and a 2% increase in schedule attainment, the initiative delivered tangible value. Implementation Engineers' partnership optimized operations for today's demands and tomorrow's growth.

Let's Turn Your Vision Into Results

At Implementation Engineers, we don't just execute projects - we transform your vision into operational reality. Our proven 3-phase approach - **Align, Design, Execute** - delivers lasting value, from aligning your team on strategic goals to optimizing operations and driving measurable outcomes. Whether you're aiming to lead your market, boost efficiency, or maximize shareholder value, we're here to make it happen, step-by-step, side-by-side.

Ready to Get Started?

Let's explore how we can bring your vision to life. Contact us today to schedule a conversation. Together, we'll chart the path to your success.

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