



# Precision Flange & Machine

Transforms Production with Softengine + SAP Business One

## Executive Summary

Precision Flange & Machine partnered with Softengine to implement SAP Business One with the goal of gaining real-time operational visibility and improving production control. Prior to the project, their team faced challenges tied to manual processes, limited data accessibility, and bottlenecks that slowed decision-making on the shop floor. By deploying SAP Business One and working closely with Softengine from planning through go-live, Precision Flange now operates with accurate, real-time insight into production schedules, inventory levels, and quality control. The result is faster decision-making, fewer bottlenecks, reduced manual errors, and significantly improved production efficiency supported by an ongoing, collaborative relationship with Softengine.

## About Precision Flange & Machine

Precision Flange & Machine, headquartered in Houston, Texas, is a long-standing manufacturer specializing in high-quality flanges, fittings, and custom-machined components for critical applications across the oil and gas, petrochemical, and related industrial sectors. Since 1989, their team of certified welders and machinists has built a reputation for precision craftsmanship, reliable quality control, and exceptional customer service.

[softengine.com](https://softengine.com)

[info@softengine.com](mailto:info@softengine.com)

Softengine Inc.  
Warner Center Towers  
21800 Oxnard St  
Suite 1060  
Woodland Hills, CA 91367

## The Business Challenge

As demand expanded and projects grew more complex, Precision Flange needed better visibility and control across production, inventory, and quality management. Manual processes and limited data access created delays in decision-making, contributed to bottlenecks on the shop floor, and made it harder to maintain efficiency as operations scaled.

They required an ERP solution capable of supporting machining workflows while providing real-time operational insight.

## Why Softengine

Precision Flange partnered with Softengine for the implementation of SAP Business One, seeking a team that could guide them through every stage of deployment from planning to go-live, and provide the level of support required for their production environment.

Softengine's collaborative approach and manufacturing expertise aligned with their operational goals and long-term vision.



*Members of the PFAM team celebrating on their SAP Business One Go-Live day!*

## Solution: SAP Business One Implemented by Softengine

Working closely with Precision Flange, Softengine deployed SAP Business One to centralize key manufacturing functions, from production scheduling to inventory control and quality processes.

The implementation focused on building a foundation of true operational visibility, enabling leaders to track production activity, monitor inventory movement, and make timely decisions based on accurate data.

Softengine supported the organization through the transition by providing hands-on guidance, training, and post go-live support to help the team adopt new workflows with confidence.



# Results

The shift to SAP Business One, supported by Softengine's ongoing partnership, delivered immediate and meaningful improvements!

## Real-Time Visibility

Precision Flange now has full insight into production schedules, inventory status, and quality control data as it happens.

## Higher Production Efficiency

The combination of improved visibility, streamlined workflows, and data-driven decisions has significantly elevated their overall production efficiency.

## Fewer Bottlenecks

Improved visibility across the shop floor allows the team to identify issues earlier and keep production moving smoothly.

## Faster Decision Making

Access to real-time data reduces delays, enabling faster responses to production needs and customer timelines.

## Reduced Manual Errors

Centralized processes minimize human error and create more accurate, reliable data flows across teams.

*“Partnering with Softengine to implement SAP Business One has completely transformed our manufacturing operations. We now have real-time visibility into our production schedules, inventory, and quality control, which means fewer bottlenecks and faster decision-making. The Softengine team guided us through every step, from planning to go-live, and continues to provide outstanding support. Thanks to SAP Business One and Softengine, we’ve streamlined our processes, reduced manual errors, and significantly improved our production efficiency.”*

- **Mohammad Mahyar, IT**  
**Precision Flange & Machine**



## Conclusion

---

Precision Flange & Machine continues to build on its long-standing commitment to quality and customer service, supported by a modern ERP foundation and a trusted partner in Softengine.

With SAP Business One and the support of Softengine, the organization is positioned to sustain efficiency, maintain strong quality standards, and support continued growth in the years ahead.



**Contact us to schedule your personalized demo today!**

 [softengine.com](https://softengine.com)

 [info@softengine.com](mailto:info@softengine.com)

 [@softengineinc](https://www.linkedin.com/company/softengineinc)

