

SOLUTION BRIEF

Streamline Your Supply Chain with Secure Collaboration

SupplyLine is a secure, web-based platform for aerospace and defense that streamlines procurement by automating workflows, centralizing supplier communication, and ensuring compliance. Unlike traditional ERP portals, it integrates directly into supplier systems, reducing inefficiencies and mitigating supply chain risks.

SOLUTION BRIEF | SUPPLYLINE



EXECUTIVE SUMMARY

Addressing the High Cost of Supply Chain Inefficiencies

Inefficient supply chains, communication gaps, and manual processes often lead to delays, increased costs, and strained supplier relationships. This solution brief outlines how a secure, web-based platform simplifies supply chain management by centralizing operations, automating workflows, and fostering collaboration. With proactive insights and streamlined processes, businesses can build resilience, enhance supplier performance, and optimize their operations.

83% of companies have experienced raw materials shortages over the past year (McKinsey & Company, 2023).

68% of procurement leaders cite supply chain disruptions as their top concern (Deloitte CPO Survey, 2023).

THE SOLUTION

SupplyLine transforms supply chain management by automating workflows, centralizing collaboration, and providing real-time insights—so businesses can optimize operations, mitigate risk, and focus on strategic growth.



Managing Supply Chain Complexities in a Dynamic Environment

THE CHALLENGE



Misaligned Plans and Late Deliveries: Late deliveries and mismatched schedules create bottlenecks, delaying production and increasing costs.



Manual, Error-Prone Processes: Manual tasks consume valuable time and increase the likelihood of errors, hindering operational efficiency.



Complex Communication: Inefficient communication channels lead to misunderstandings and missed opportunities for collaboration.



Inventory Disruptions: Overstocking ties up resources, while shortages halt production, impacting customer satisfaction.



A Smarter, More Secure Approach

THE SUPPLYLINE SOLUTION

A secure, web-based platform with built-in digital connections offers the tools needed to address these challenges head-on. Unlike traditional ERP portals that only provide a web-based UI, SupplyLine can integrate directly into supplier systems—reducing friction and improving efficiency. By centralizing and automating key processes, SupplyLine reduces risks, cuts costs, and improves supply chain predictability.

Gain Proactive Insights: Real-time visibility into



supplier performance and demand schedules ensures you can act before issues arise.

Foster Collaboration: Clear acknowledgments



and multi-tier supplier plans align your operations with suppliers, reducing errors and delays.

Automate Key Workflows: Save time and minimize errors



by automating POs, ASNs, and other critical processes.

Achieve Operational Transparency: Full transparency



across inventory, production, and delivery schedules empowers you to make informed decisions.

Seamlessly Connect Supplier Systems: Automate data



flow directly into supplier execution systems, eliminating manual steps and ensuring real-time alignment.



A Supply Chain Platform Built for Aerospace & Defense

WHY SUPPLYLINE?

Unlike generic supply chain solutions, SupplyLine is built specifically for aerospace and defense.

Traditional ERP Portals	SupplyLine
Suppliers must log in separately Direct integration into supplier systems	Direct integration into supplier systems
Manual tracking of POs, ASNs, & demand signals	Automated workflows & real-time updates
No built-in compliance tracking	Meets CMMC, ITAR, NIST, AS 9100 standards
Limited supplier performance insights	AI-driven risk monitoring & predictive insights



Traditional ERP Portals Fall Short

Most supply chain platforms require suppliers to log into separate systems, creating inefficiencies and delays. SupplyLine integrates directly into supplier workflows, eliminating silos and manual bottlenecks.

Built for Aerospace & Defense

Unlike major ERPs, SupplyLine is designed for the aerospace and defense industry, ensuring compliance with:

- **Designated Product Release Verification (DPRV):** Verifies quality before shipment
- **Delegated Supplier Quality Representative (DPRV):** Ensures supplier accountability
- **Government Contract Compliance Meets:** CMMC, ITAR, and NIST 800-171 standards

Real-Time Risk Mitigation



AI-powered predictive insights flag potential disruptions before they happen.



Track supplier execution plans, inventory status, and shipment delays—all in one place.



Reducing Errors, Boosting Supplier Accountability, and Enhancing Transparency

PROVEN BENEFITS FOR BUYERS & SUPPLIERS

1. **Reduce Errors with Streamlined Communication:** Centralize supplier interactions with automated acknowledgments to eliminate confusion and improve trust.
2. **Balance Inventory with Demand:** Stay agile by aligning demand schedules and inventory control, avoiding costly overstocks or shortages.
3. **Boost Supplier Accountability:** Monitor multi-tier plans and performance metrics to ensure suppliers meet commitments.
4. **Save Time Through Automation:** Automate POs, ASNs, and other workflows to reduce administrative burdens and keep operations running smoothly.
5. **Increase Visibility Across Operations:** Realtime insights empower data-driven decisions that keep your supply chain on track.



Secure Deployment and Seamless ERP Integration

TECHNICAL SPECIFICATIONS



Deployment: Operates behind your firewall for enhanced control and security.



ERP Compatibility: Supports integration with all major ERP systems, with custom options available. Works with SAP, Oracle, Microsoft Dynamics, and 20+ other ERPs.



Custom Reporting: Tailored insights to match your specific supply chain needs.



Flexible Integration Packages for Scalable Supply Chain Management

PRICING



SupplyLine offers flexible pricing options to fit your supply chain needs, whether you require a standard integration or a customized enterprise solution.



Standard Integration Packages: Best practice for your ERP



Custom Enterprise Integration Packages: Designed for complex supply chain networks.



Scalable Integration: Works within existing procurement & ERP systems.

Contact us for a quote at exostar.com/supplyline



Answering Key Questions About SupplyLine's Capabilities

FAQS

Question: What is SupplyLine, and how does it improve supply chain collaboration?

Answer: SupplyLine is a secure, web-based supply chain collaboration platform designed to streamline procurement processes, enhance supplier communication, and ensure compliance with industry regulations. Unlike traditional ERP portals that only provide a web-based UI, SupplyLine can integrate directly into supplier systems, enabling real-time updates, automated workflows, and proactive issue resolution.

Question: How does SupplyLine differ from traditional ERP portals?

Answer: Traditional ERP portals require suppliers to manually log in and update information, leading to inefficiencies and delays. SupplyLine eliminates these bottlenecks by:

- Integrating directly into supplier execution systems for real-time updates.
- Automating procurement workflows like POs, ASNs, and demand acknowledgments.
- Providing AI-driven insights to flag supplier risks before they impact operations. Ensuring compliance with aerospace, defense, and regulated industry standards.



Question: How does SupplyLine help with supplier performance management?

Answer: SupplyLine provides real-time tracking of supplier performance, measuring:

- On-time delivery rates
- Supplier delinquency trends
- Risk indicators for potential delays
- Quality release verification (DPRV, DSQR)
- Buyers can proactively identify supplier risks and take corrective action before disruptions occur

Question: Can SupplyLine support multi-tier supplier visibility?

Answer: Yes! SupplyLine provides multi-level supplier mapping, allowing companies to:

- Track raw material sources to ensure compliance.
- Monitor supplier dependencies and potential bottlenecks.
- Verify that all suppliers meet regulatory requirements



Question: How does SupplyLine automate procurement workflows?

Answer: SupplyLine eliminates manual tasks by automating:

- Purchase Orders (POs) & Acknowledgments:
Ensures seamless order processing
- Advanced Shipping Notices (ASNs):
Provides real-time shipment visibility
- Status Flags & Alerts: Notifies buyers of production delays and past-due deliveries.
This reduces administrative workload and improves operational efficiency.

Question: How does SupplyLine help reduce procurement inefficiencies?

Answer: SupplyLine eliminates reliance on emails, spreadsheets, and PDFs by centralizing all supplier interactions on one platform. This results in:

- Faster order approvals
- Real-time visibility into supplier updates
- Automated tracking of procurement workflows
- Reduced errors and miscommunications



Question: Can SupplyLine support multi-tier supplier and customer planning?

Answer: Yes! SupplyLine:

- Aligns supplier execution plans with your operational needs
- Ensures your demand schedules match supplier fulfillment capabilities
- Synchronizes customer and supplier workflows for end-to-end supply chain efficiency

Question: How does SupplyLine handle supplier collaboration and communication?

Answer: SupplyLine provides a centralized portal where buyers and suppliers can:

- Exchange documents securely (contracts, quality checks, POs)
- Receive real-time status updates on shipments, inventory, and orders
- Use automated acknowledgments to confirm demand and reduce miscommunication. This eliminates scattered email threads and speeds up decision-making.



Question: How do SupplyLine and DemandLine work together?

Answer: SupplyLine focuses on streamlining supplier collaboration by automating workflows like POs, ASNs, and demand schedules. DemandLine complements this by synchronizing data with your suppliers, ensuring their execution plans align with your needs. Together, they create a seamless flow of data across your supply chain, reducing delays and improving efficiency.

Question: What ERP systems are compatible with DemandLine and SupplyLine?

Answer: Both solutions are designed to integrate with virtually any ERP system. If a specific integration isn't available out of the box, we provide tools and support to complete the integration efficiently.

Question: Can SupplyLine and DemandLine help with multi-tier supplier and customer planning?

Answer: Yes, both solutions are equipped to handle multitier planning. SupplyLine ensures that your suppliers' execution plans align with your operational needs, while DemandLine manages and updates your suppliers' execution systems, keeping all tiers synchronized.

Question: How do these solutions improve communication?

Answer: SupplyLine centralizes and automates supplier interactions, while DemandLine provides exception reporting and notifications for critical customer updates. This ensures timely, accurate communication with all stakeholders, reducing misunderstandings and improving collaboration.



Question: Are SupplyLine and DemandLine secure?

Answer: Absolutely. Both solutions use advanced encryption, access controls, and multi-factor authentication to ensure that your data is protected.

Question: How do the solutions help reduce manual work?

Answer: SupplyLine automates your workflows like POs, ASNs, and demand schedules, while DemandLine automates the work your suppliers do to satisfy your requirements. This reduces administrative tasks and minimizes errors, allowing your team to focus on strategic priorities.

Question: What kind of reports can I generate with these solutions?

Answer: Both SupplyLine and DemandLine support custom reporting. Examples include:

- Mismatches between supplier execution plans and your production needs
- Changes in your demand schedules and their impact on suppliers' production
- Supplier and customer performance metrics for better accountability



USING SUPPLYLINE AND DEMANDLINE AT YOUR COMPANY

A POWERFUL COMBINATION FOR SEAMLESS SUPPLY CHAIN MANAGEMENT

ACHIEVE END-TO-END VISIBILITY

When you have both SupplyLine and DemandLine at your company, they bridge the gap between customer and supplier management, ensuring real-time visibility and synchronization across your entire business. SupplyLine enhances communication with your suppliers, while DemandLine streamlines collaboration with your customers. Together, they create a seamless flow of data that reduces delays, eliminates inefficiencies, and improves decision-making.

HOW THEY WORK TOGETHER

1. Centralized Data Exchange Across Your Network

DemandLine manages interactions with your customers, ensuring their requirements are communicated accurately and reflected in your ERP system. At the same time, SupplyLine automates data exchange with your suppliers, enabling them to align their execution plans with your operational needs.



DemandLine: Keeps your ERP up to date with customer requirements and provides analysis of changes to customer requirements

SupplyLine: Ensures supplier execution plans and shipments are synchronized with your production plans

2. Enhanced Collaboration and Synchronization

DemandLine fosters transparency with your customers by analyzing their requirements, providing exception reports, and enabling real-time communication. SupplyLine complements this by aligning supplier execution plans with your operational goals through detailed performance metrics and multi-tier planning.

DemandLine: Keeps your customers informed and aligned with accurate updates and clear communication

SupplyLine: Ensures suppliers meet your operational demands by synchronizing their execution plans and addressing gaps proactively

3. Proactive Issue Resolution

By combining DemandLine's customer-facing insights with SupplyLine's supplier-focused analytics, you can proactively identify and resolve risks before they impact your operations.

DemandLine: Detects customer-driven changes and provides actionable insights to realign production schedules

SupplyLine: Flags supplier delays and inventory imbalances to keep your operations running smoothly



4. Streamlined Automation

Both solutions reduce manual processes, enabling your team to focus on higher-value activities. DemandLine automates customer workflows like demand schedules, acknowledgments, and shipment notifications, while SupplyLine streamlines supplier-side tasks such as POs, ASNs, and stock updates.

DemandLine: Automates customer-facing workflows to improve accuracy and responsiveness.

SupplyLine: Automates supplier-side workflows to reduce manual errors and improve communication.

KEY BENEFITS OF THE INTEGRATION



End-to-End Transparency: Gain visibility across your entire supply chain, from supplier execution plans to customer requirements.



Seamless Data Flow: Leverage DemandLine's centralized customer management and SupplyLine's supplier collaboration for a unified supply chain ecosystem.



Improved Responsiveness: Quickly adapt to supplier delays or customer changes with synchronized data and actionable insights.



Reduced Risk: Proactively identify and resolve supply chain disruptions with detailed reporting and real-time updates.



Increased Efficiency: Automate repetitive tasks to save time and minimize errors at every stage of the supply chain.