

Elemica

THE VALUE OF ELEMICA

Supply Chain Digitization Success: Unlocking Performance through End-to-End Orchestration in Your Supply Chain

Visibility, Collaboration and Responsiveness

ELEMICA.COM






The Modern Industrial Enterprise Dilemma: How to Master Resilient Operations and Transformative Business Models at Once

Modern manufacturers are caught between two seemingly competing priorities: improving and optimizing operational performance—especially how to scale supply chain responsiveness and resilience—while pioneering transformative new business models and business value creation.

Until now, supply chain leaders have had to address these two critical priorities in isolation.

Elemica is the proven global partner to manufacturers worldwide enabling them to optimize their collaboration with suppliers, LSPs (logistics service providers) and customers, while improving cost to serve and delivering strategic growth initiatives that drive long-term business value.

Elemica is the leading provider of Digital Supply Chain Management solutions and the premier multi-enterprise collaboration network for global process manufacturing industries. Our portfolio of SaaS-based, network-powered digitization, collaboration and visibility solutions automate critical information flows, enable multi-channel data strategies, and improve end-to-end supply chain performance.

Implementation Projects

Elemica has provided advanced process orchestration capabilities that improve operational and financial outcomes for many of the world's leading brands.

Digitizing and orchestrating every buy, sell, and move transaction across your ecosystem for maximum efficiency and value creation

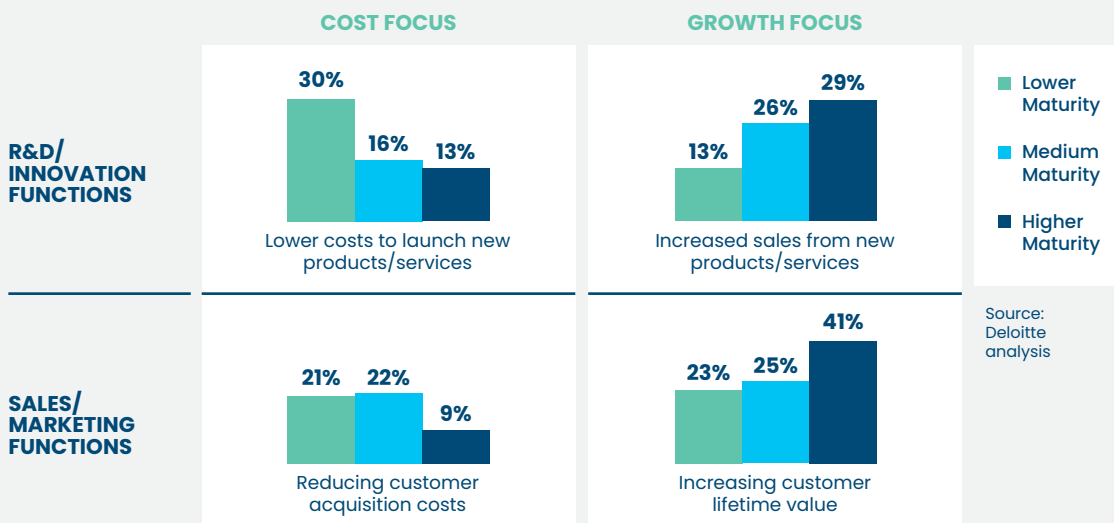
Elemica unlocks efficiency by providing a scalable, end-to-end, multi-enterprise data fabric alongside contextualized - and interoperable - information flows between trading partners. Inbound and outbound order, quality, shipment, and invoice lifecycle visibility enables process orchestration, improved real-time decision intelligence and customer value, greater digital supply chain twin impact and planning accuracy, modernization of product and service portfolios, and tangible business impact.

Continuous Innovation and Orchestration Drive Long-Term Value Creation

Enterprises that set their sights on Process Orchestration Innovation tend to realize greater value and better business outcomes.

Executives from higher-maturity organizations are more likely to emphasize digital transformation's benefits for growth and innovation

Percentage of respondents reporting positive impacts on specific functions, by digital maturity level



Process Orchestration enables leading organizations to improve supply chain collaboration, visibility and overall resiliency, leveraging digitized supply chains. This foundation provides the insights and flexibility enabling organizations to minimize disruptions, ensure business continuity, and build resiliency against forces known and unknown. The benefits?

98%
reduction in costs

97%
improvements in customer experience (Gartner)

What The Pundits Are Saying about Process Orchestration

Gartner research finds the top three business priorities for supply chain professionals are increasing productivity, improving resiliency and fostering innovation.

Although cost and labor pressures remain, leading supply chain organizations are maximizing their organizational performance by investing in technologies that can engage employees, improve asset utilization and make operations more intelligent, resilient and responsive.

Capgemini

Supply chain orchestration is the means to break down silos and remove friction between different supply chain roles, processes, and technologies. Enterprises must choose partners with deep industry knowledge to effectively implement orchestration strategies.

SupplyChainBrain/ Kinaxis

Digital maturity requires a transition from management to orchestration, emphasizing the need to integrate data from various sources. AI and machine learning are essential in achieving real-time visibility and decision-making capabilities.

Velosio

Supply chain orchestration is the primary strategy to coordinate and optimize all supply chain activities, from inventory management to logistics. The focus must be on unifying people, processes, and technology to function as a cohesive unit, leveraging advanced technologies for real-time monitoring and response.

Everest Group

Supply chain orchestration plays a transformative role in achieving operational efficiency, resilience, and adaptability. The approach involves data orchestration, technology integration, and aligning organizational processes to foster seamless communication and collaboration.



“20% of organizations consider they are equipped in handling supply chain challenges consistently”



“97% say that better orchestration tools would have a modest or significant impact on supply chain performance”



“You can’t ‘orchestrate’ even the most basic supply chain ops until you’ve implemented an end-to-end digital platform that covers all business operations and any relevant data sources”



“Supply chain orchestration represents a forward-thinking goal for both mature and emerging organizations”

From Automation to Advanced Information Flow Orchestration

Modernization of supply chain operations builds value maturity. This involves the transformation of supply chain operations from core automation and digitization of network connections to advanced process orchestration, which opens the door to broader value and business innovation. Digitization is essential to look at growth and cost through a unified lens of value maturity.

Foundational Process Automation and Optimization

Mastering process execution comprises these key steps:

Digitization

Connecting, transforming and enriching disparate data sources (unstructured, IoT data; business documents; structured/ API/ EDI data) from trading partners into a unified, synchronized data foundation to improve overall supply chain process visibility.

Automation

Enabling key process automation (orders, messages, flows) for improved operational efficiency and profits

Foundational Process Optimization enables seamless collaboration between trading partners while eliminating silos and blind spots. It also provides a differentiated customer experience through improved customer centricity. This foundation is critical for achieving the next level of value maturity: advanced information flow orchestration.

Advanced Information Flow Orchestration

The next phase in maturing your supply chain performance, operations and resilience—Advanced Information Flow Orchestration—is all about leveraging end-to-end harmonized supply chain data for advanced analytics, predictive modeling and what is coming next with agentic AI.

Industrial leaders leveraging Advanced Orchestration realize significant advantages:

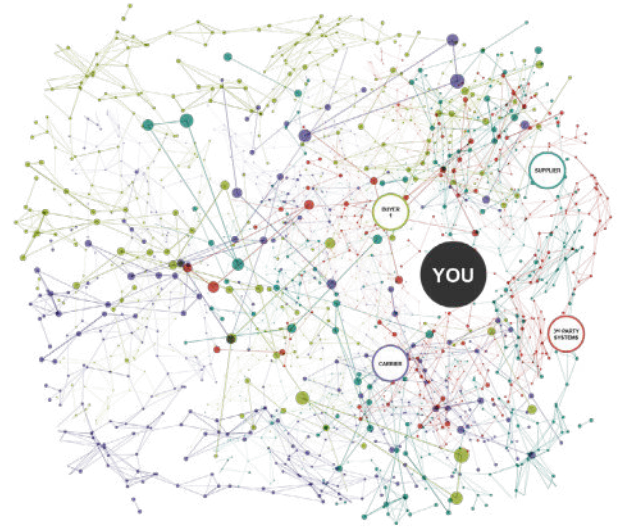
- Real-time order, shipment, and payment visibility into the entire trading partner collaboration lifecycle
- Resilient and agile partner ecosystems
- Improved demand forecasting
- Optimized inventory management
- Data-driven decision-making for critical areas for improvement and seizing new opportunities. These include assessing different scenarios, forecasting trends, and making informed strategic choices that align with long-term objectives.

Supply Chain Value Maturity Mastered. Only with Elemica.

Elemica enables global industrial leaders to put an end to the mounting costs and risks associated with legacy and silo'd approaches to trading partner connectivity and digitization.

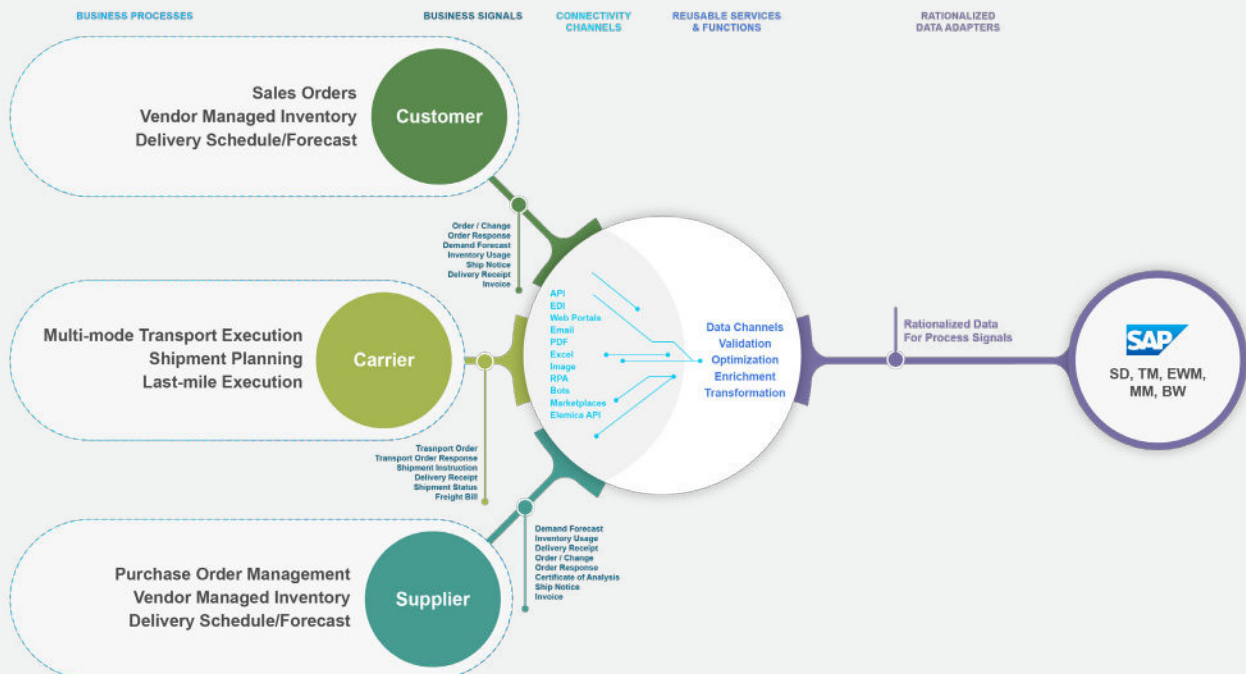
Legacy Approach: Risks & Costs

- Multiple connections that are "built" to facilitate necessary workflows to support transactions
- Bespoke nature of application deployment presents risk around data management and quality
- High total cost of ownership related to support, integrations, technical currency and maintenance
- No macro-level context between one network participant and others, single point of failure cascades upstream and downstream



Elemica Network-Enabled Value

- Lower total cost of ownership as network participants grow – connect once, connect all
- Data management consistencies allow for further leverage of automation across the ecosystem
- Single source of the truth facilitates both sense AND response
- Network supports broad portfolio adoption as implementation costs and workflow execution assurances increase



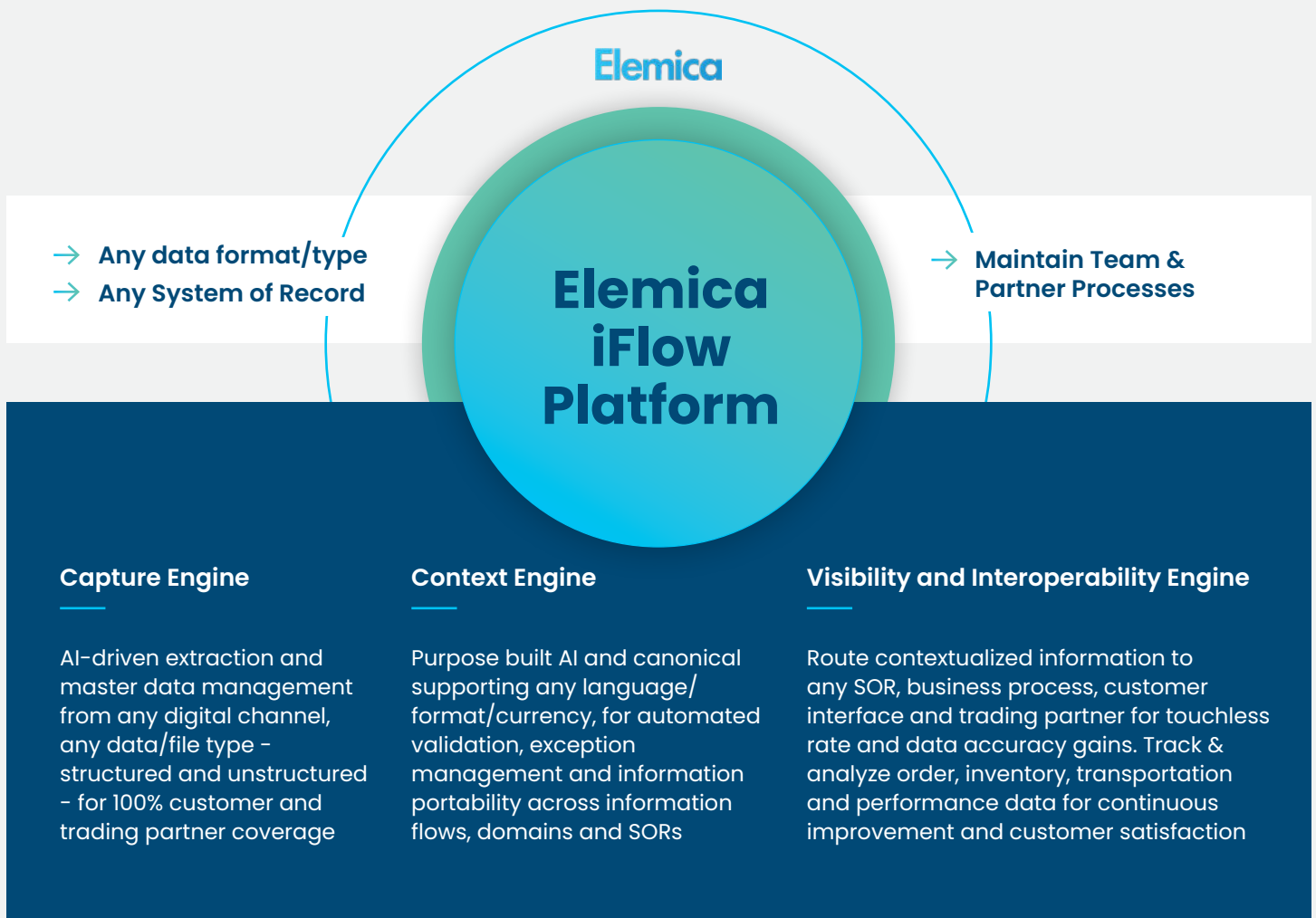
The Elemica Multi-enterprise Network

Elemica connects you to customers, suppliers, carriers and logistics service providers (LSPs) automating the flow of documents, data and communications for every transaction through an interoperable, secure, and modern data integration platform - the Elemica iFlow Fabric.

- A canonical-based Universal Business Data Model (UBDM) normalizes data from multiple enterprises
 - AI-driven extraction and master data management from any digital channel, any data/ file type - structured and unstructured - for 100% customer and trading partner coverage
 - Purpose-built AI and canonical data models support any language/format/currency, for automated validation, exception management and information portability across information flows, domains and SORs
- Contextualized information routed to any SOR, business process, customer interface and trading partner for touchless rate and data accuracy gains.

Elemica iFlow Platform

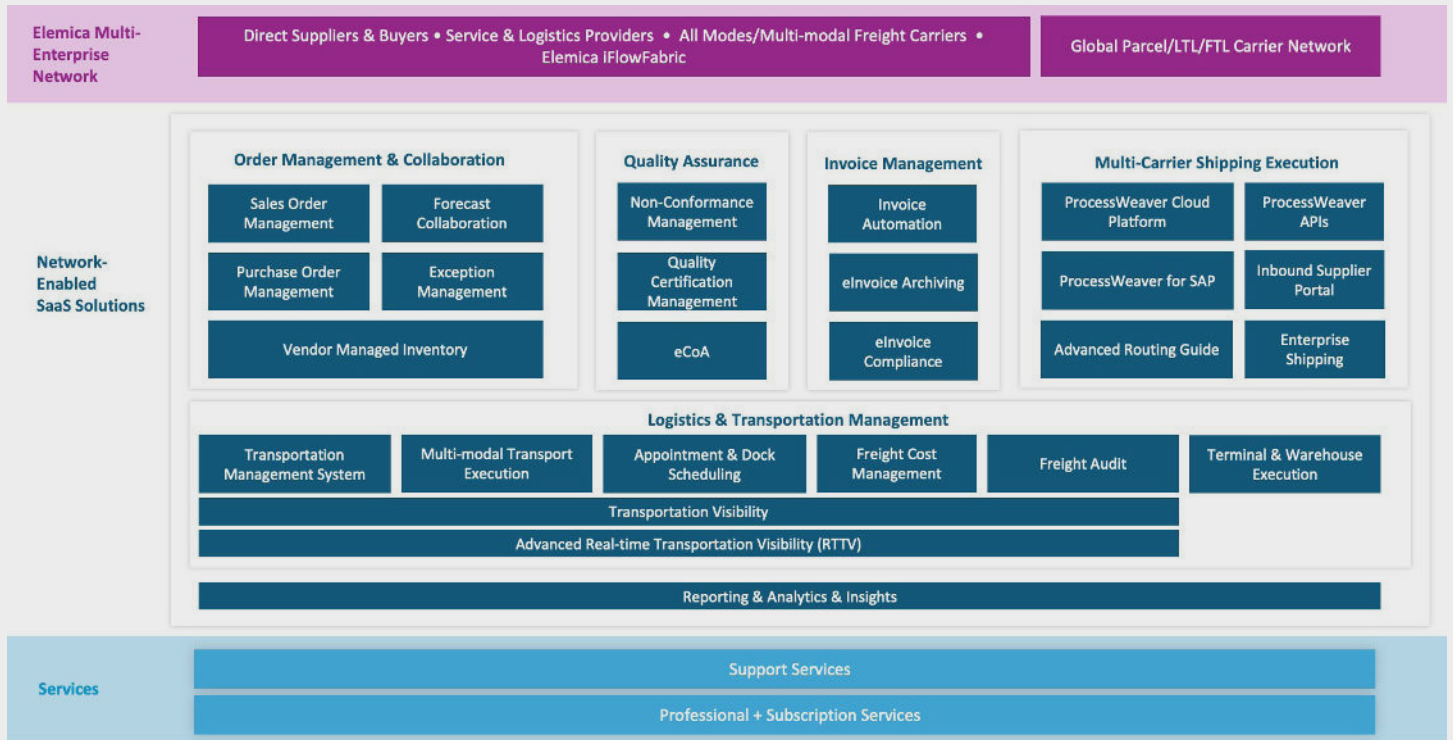
AI-driven Data Fabric for Future-Proofed Information Flows



Advanced Information Flow Orchestration via Elemica’s Modular, Network-enabled SCM Solutions

Elemica’s **network-enabled Digital Supply Management solutions** let you digitize, automate and orchestrate the processes and information that matter most to you and your trading partner ecosystem – whether that’s customer fulfillment and experience, supplier collaboration, quality assurance, logistics planning and execution or compliance.

Modular Solutions to Meet Your Specific Needs



Complex and continually adapting environments are what Elemica supports best. Whether you are multi-ERP, highly regulated, high growth, multi-modal, globally distributed, acquiring or divesting, or continually improving and modernizing your technology investments and service delivery strategy, Elemica’s solutions, platform and 25+ years of experience working side-by-side with leading, global manufacturers have you covered.

ERP Integration and Certifications

SAP® Certified
Integration with RISE with SAP S/4HANA Cloud

Elemica solutions are designed to complement and extend your ERP strategy. We support leading platforms including SAP, Oracle, Infor, Microsoft, and IFS, with a growing library of SAP-certified integrations across order management, logistics, invoicing, and supplier collaboration. This ensures manufacturers gain more value from their ERP investments while preserving flexibility and upgradeability.



Elemica Supports 80% of the World's Manufactured Products



Elemica in Action: BASF's Transformation to Supply Chain Value Maturity

BASF is one of the founding members of Elemica and has been an Elemica customer since 2000. BASF has taken full advantage of Elemica's offerings:

- Expansive use of the Elemica Multi-enterprise Collaboration Network (MCN)
 - Data harmonization capabilities and suites, fully integrated with BASF's SAP ERP systems
 - Multiple strategic initiatives powered by the Elemica Managed Services team
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This relationship has enabled BASF to maximize supply chain value maturity by pursuing a holistic approach to optimizing demand, transportation and supply, mastering the two stages of the supply chain value maturity model:

- **Foundational Process Orchestration**
Core process automation for operational efficiency, organizational alignment and resiliency
 - **Advanced Process Orchestration**
In-depth supply chain order, shipment and payment/ invoice analytics and insights to maximize demand, and expand into new markets
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The Elemica Managed Services team is also supporting BASF by leading or supporting several strategic Initiatives:

- **Next Generation Business Architecture (NGBA)**
Elemica Managed Services is supporting BASF's internal landscape revamp, ensuring zero impact on their external trading partners.
- **VISTA**
Elemica Managed Services is leading an execution and visibility-focused project across regions, establishing a consistent platform.
- **European e-invoice compliance**
Elemica Managed Services is assisting with regulatory changes and compliance, helping BASF reduce the risk of audit issues with their suppliers.

BASF Supply Chain Value Maturity via Elemica MCN: At-a-glance

1. Foundational Process Orchestration



- Customer Hub: Order management, invoicing
- Transportation Hub: Purchase order management
- Carrier Hub: Transport execution, time slot management

2. Data Harmonization



- Multi-channel integration (APIs, EDI, transaction email)
- Reusable B2B connections
- Rules validation and enrichment services
- Event correlation and management

3. Seamless Integration with SAP/ modules



- Sales and Distribution (SD)
- Transportation Management (TM)
- Enterprise Warehouse Management (EWM)
- Materials Management (MM)

4. Advanced Process Orchestration: Visibility and Analytics



- Order-level visibility and correlation
- Shipment lifecycle tracking
- Analytics and reporting capabilities

Outcomes and Benefits for BASF

Strong Financial Impact

- Reduced working capital requirements
- Increased sales through improved order management
- Reduced operating expenses

Enhanced trading partner collaboration with best-in-class supply chain orchestration

- Platform use has grown to over 5,000 connected trading partners globally, spanning customers, suppliers and carriers

Strategic Growth Enablement

- Flexible architecture to facilitate mergers and divestitures

Seamless internal enterprise collaboration

- Seamless communication between customer service, planning, and procurement teams.
- Demand collaboration and fulfillment across the entire supply chain.

Continuous Operational Efficiencies

- Automated processing of 1.2 million message signals per day
- Reduction in manual processes, equivalent to 300-400 FTEs

Improved Visibility

- Order, shipment, and payment lifecycle visibility
- Real-time shipment status updates and ETA predictions

Risk Reduction

- Automated cloud operations and infrastructure resource optimization
- Tight integration with SAP: The Elemica platform interfaces with various SAP modules, while at the same time pushing data into the BASF Business Warehouse for analytics.
- Support for regulatory compliance initiatives

Sustainability

- Improved data collection for sustainability metrics
- Enhanced ability to perform supplier quality checks



Connect with our experts to explore how you, your ecosystem partners, and your customers will benefit from Elemica's purpose-built solutions and the premier multi-enterprise digital supply chain network.

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ABOUT ELEMICA

Trusted by Blue-chip Global Process Manufacturers, their Trading Partners and Value Chains

Elemica is a leading provider of Digital Supply Chain Management solutions and the premier multi-enterprise collaboration network for global process manufacturing industries. Its portfolio of SaaS-based, network-powered digitization and visibility solutions automate critical information flows, enable multi-channel data strategies, and improve end-to-end supply chain performance. Elemica solutions connect many of the world's largest manufacturers to their direct material suppliers, logistics service providers and end customers, helping them realize the promise of, and return on, their investments in supply chain digitization. Today, global leaders—including BASF, Dow, Goodyear, Michelin, and Shell—use Elemica, driving over \$1 trillion in commerce annually.