

Leveraging Data for Supply Chain Risk Management

Measurable Mission Results

- Shrink analyst time to data insight from weeks to days
- Achieve 360 view of people, places, things
- Easily assess compliance, supply chain, and procurement risk management
- Drive understanding of supplier relationships and activities
- Boost productivity and cut costs by reducing overhead and manual data work

Supplier 360

Supply Chain Threat

U.S. Government and Defense agencies increasingly recognize they have minimal insight into the data that allows them to identify and assess the risks to their supply chains. After several recent reports of known and suspected compromise, causing concern at DOD and other government agencies that adversaries could be spying on the U.S. through embedded software and hardware, the time has now come to address this critical issue and mitigate the loss and exploitation of U.S. technology to hostile entities. Additionally, natural disasters can also increase risk to supply chains—especially when single sources of supply exist for special purpose, complex components. While a comprehensive supply chain risk strategy is under development, executives must ensure technology capabilities available now are integrated into future activities. Core to this strategy is advanced enterprise data management.

To take advantage of supplier data, Government and Defense agencies need to carefully assess and qualify new suppliers for onboarding and evaluate the risks of existing suppliers—whether individually or part of a larger acquisition program. But many organizations struggle to obtain and integrate the data needed to assess supplier risk, let alone use the data to analyze and predict risk. To make the right decisions and to ensure compliance, they need access to accurate and complete supplier insurance, safety, environment, sustainability, legal, and financial information and documents. They also need to know who their suppliers are working with or who the sub-suppliers are.

The Challenge

U.S. Government vendor/supplier information is often managed in multiple siloed, disparate systems and applications within and across multiple agencies and there is no common operating picture. Current risk assessments are frequently late and do not provide adequate visualization of trends, patterns and situational awareness. The assessments also don't support appropriate responses.

“Information communications and technology supply chain is global and is a significant source of risk to the (Homeland Security) department and to the homeland writ large. We are beginning to address these issues around who are the companies we are doing business with, who are the people that are running those companies, what are the locations that those companies operate in and what are the deliverables those companies are providing to us?”

— Emile Monette, Cybersecurity Strategist, Office of Cybersecurity and Communications, Department of Homeland Security; [quoted in Federal News Network article, March, 2018](#)

Adding, changing, or correcting the information in one system doesn't automatically update it in others. Additionally, missing automated and standardized workflows for supplier onboarding and collaboration lead to slow assessments as supplier relationship teams spend too much time inefficiently managing their suppliers' lifecycles, performance, regulatory compliance and other information. As a result, the information is inaccurate, inconsistent, incomplete, and fragmented, making its management a huge overhead and inadequately addressing the threat risk. Ineffective supplier relationship and lifecycle management is hindering supply chain organizations to accelerate the identification and assessment of supplier risk and further support the digital transformation of their value chain or “your organization.”

Supply chain, acquisition, and cybersecurity analyst teams struggle to get access to a single view of all supplier data, so they can understand the total supplier relationship across the mission. As a result, it's difficult to achieve their goals, such as:

- Having quick access to trusted, governed, relevant, and authoritative data to identify, assess, and respond in real time to threats
- Monitor supplier performance and detect anomalies (for instance, related to supplier risk and compliance)
- Standardizing and automating operational processes and workflows, such as supplier onboarding, reducing manual and redundant workloads
- Accelerating decision making
- Improving supplier collaboration or supplier relationship management

Evaluating supplier spend management, effectively managing global supply chain, sourcing, and procurement activities requires organizations to be able to answer questions about their supplier's or vendor's company, contacts, products or services, and performance. Without trusted, governed, relevant, and authoritative data to fuel operational and analytical systems, organizations cannot access the insights needed to answer these questions quickly and easily. This hinders the ability to manage supply chain, sourcing, or procurement operations efficiently and effectively—which results in time wasted on manual data management and reconciliation, missed procurement opportunities, and high administration costs.

The Solution: Fuel Your Value Chain With an Intelligent, End-to-End Supplier View

Informatica® Master Data Management (MDM)—Supplier 360 unleashes the power of Government and Defense supplier data providing an intelligent, end-to-end view of all mission-critical supplier information across the enterprise. The application enables supply chain organizations to transform their supplier relationship management by turning inaccurate, restrained, or disconnected supplier information into trusted, governed, relevant, and authoritative data to fuel mission and analytical applications. It provides a flexible ecosystem where everyone can access relevant information and manage vendors, their relationships, and the products and services they supply. Streamlining the supplier relationship and lifecycle management, Supplier 360 accelerates the data-driven digital transformation of the end-to-end information value chain.



Figure 1. Streamlining the supplier relationship and lifecycle management, Supplier 360 accelerates the data-driven digital transformation of the end-to-end information value chain.

The master data-fueled application is built on top of the industry's only modular end-to-end MDM solution—a recognized leader in independent analyst reports. Customers benefit from the Informatica Intelligent Data Platform™—the industry's most complete and modular solution to help Government and Defense agencies unleash the power and value of all data across the enterprise, including industry-leading proactive data quality, holistic data governance, and end-to-end data integration solutions.

Supplier 360 is seamlessly embedded with Informatica MDM—Product 360 for product catalog upload and product information management and a single application for all supplier interactions. The Informatica Data as a Service (DaaS) offering can be leveraged for contact data verification and enrichment.

MDM—Supplier 360 is available on-premises or as a cloud-hosted edition and can be hosted on public cloud platforms such as Amazon.

Key Features

Supplier Self-Service for Registration and Product Catalog Upload

The supplier registration process lets suppliers self-register with an easy-to-use interface providing the buyer's organization all required information, including financial, tax, and compliance documents. Automating this procedure with the application saves time and is a prerequisite to speed up the entire supplier onboarding process. Once onboarded, suppliers can update information about their company and upload new product catalogs at any time accessing the integrated Product 360 View, ensuring that the buyer always has the most current supplier and product data.

Qualifying and Onboarding Suppliers

Using the supplier management portal, organizations can replace the typically disjointed approach across regions and business units in managing the full lifecycle of their suppliers. Through a process-driven workflow, they can easily verify their suppliers' information and documents and qualify them for onboarding, or even offboarding for reasons such as non-compliance. This streamlines the entire qualification and approval process of new suppliers and speeds up time to market.

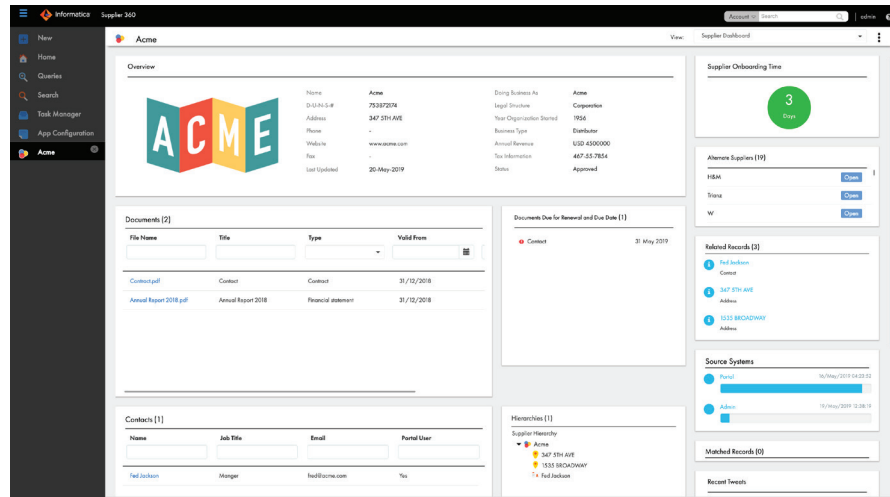


Figure 2. Dashboards enable buyers and commodity managers to monitor and analyze suppliers based on locations, products supplied, or invoice status.

Managing Supplier Information

With Informatica's Next-Gen Supplier 360 View organizations benefit from one single trusted source of supplier information to manage and analyze mission-critical supplier or vendor data. Understand the total relationship of your suppliers and their parent companies, sub-suppliers or subsidiaries and improve the supplier collaboration. Based on this information, companies can better identify supply chain risks. In addition, they can leverage Informatica's Data as a Service (DaaS) Contact Data Verification suite (address, e-mail, and phone) and multiple data enrichment offerings to add further information to their suppliers' profiles.

Fueling Applications

Manage suppliers and their information and documents in one central location. Fuel other mission and analytical applications, including enterprise resource planning (ERP), bidding, quotation, accounts payable, invoicing, and product information management (PIM) systems with clean, consistent, and connected supplier information for an understanding of the total supplier relationship.

About Informatica

Digital transformation changes expectations: better service, faster delivery, with less cost. Businesses must transform to stay relevant and data holds the answers.

As the world's leader in Enterprise Cloud Data Management, we're prepared to help you intelligently lead—in any sector, category, or niche. Informatica provides you with the foresight to become more agile, realize new growth opportunities, or create new inventions. With 100% focus on everything data, we offer the versatility needed to succeed.

We invite you to explore all that Informatica has to offer—and unleash the power of data to drive your next intelligent disruption.

Analyzing Suppliers

Dashboards (see example, page 4) enable buyers, analysts and commodity managers to monitor and analyze suppliers based on locations, products supplied, or invoice status. Get a business-centric view of the supplier's onboarding time or expiring certificates. Drill down into these suppliers to resolve tasks during the supplier onboarding process. Create alerts about profile updates, expiring certificates, or any other requested information.

Next Steps

Mitigating risk to National Security supply chains by leveraging the data you have now at your fingertips. A comprehensive, successful SCRM program must include an automated approach to achieve better supplier visibility and insights regarding relationships across agencies, programs, branches, and offices. Start the process now as you build your programs.

For more information, please visit www.informatica.com/supplier360.



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