Managing risk is critical to your supply chain and supplier relationships. Oracle DataFox Supplier Intelligence Cloud Service provides validated company profiles and risk scores to monitor potential risks and prevent fraudulent transactions.

Procurement organizations need to comprehensively manage supplier risk. Today, any number of factors—financial distress, key management changes, loss of regulatory certifications, or dishonest companies—can cause supply disruptions, jeopardize production plans, or lead to payment fraud. Verified supplier data and timely risk alerts can help alleviate these issues. Oracle Fusion Cloud Procurement leverages Oracle DataFox Supplier Intelligence Cloud to deliver highly accurate and up-to-date company profile data and alerts to avoid risk.

Large Scale, Multilevel Data Gathering
Oracle DataFox Supplier Intelligence Cloud employs advanced technologies and human augmentation to source, refine, and deliver high-quality data to customers. It provides both scale and precision to companies who need timely information to enhance their supplier risk management efforts. DataFox enriches its firmographic database with more than 2.2 million new, verified companies every year and processes more than 21 million event signals annually, providing customers with more than 240 million new data points to help them avoid risk.

Mitigate Payment Fraud and Emerging Risks
Payment fraud is an emerging risk category. According to the Association of Finance Professionals, 81% of companies surveyed reported a business payment fraud attempt in 2019\(^1\). Many payment fraud incidents involve paying invoices from non-existent companies. The most effective way to
prevent payment errors and other types of transactional risks is by carefully validating suppliers during the onboarding process to ensure their legitimacy. Firmographic data from DataFox Supplier Intelligence Cloud, integrated directly into Oracle Cloud Procurement, allows procurement managers to instantly access validated supplier profile data and risk indicators when creating or approving new supplier requests. Simply select the supplier from a drop-down list from a database with millions of verified company records. Oracle Cloud Procurement automatically populates a fully validated supplier profile in the system. Built-in workflows allow management to review and approve supplier registrations before creating the profile, adding another layer of defense against fraud while saving time and avoiding errors.

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Scores and Alerts Provide Continuous Monitoring

Procurement organizations often conduct periodic assessments to qualify their suppliers. Since supplier risks tend to arise with little warning, companies also need a way to augment their risk management programs with timely information that enables them to detect and respond to emerging risks. Oracle DataFox Supplier Intelligence Cloud enables procurement managers to continually monitor potential risks in their supply base. Delivered through Oracle Cloud Procurement, user-defined indicators, such as continuously updated risk scores and alerts that are based on specific events, provide up-to-date actionable insights into potential supplier issues.

To preempt potential problems before they affect your company, Oracle Cloud Procurement provides several ways in which users can receive alerts and risk scores at specific time intervals. User-configured risk scores use attributes and weighting criteria defined by your company’s specific needs. You can configure the scoring model quickly and intuitively by selecting from an extensive list of attributes and weighting values. In addition to risk scores, DataFox Supplier Intelligence Cloud provides you with the ability to monitor potential risk through signals and alerts. Like the risk scores, intuitive set up screens allow users to create custom alerts for individuals and groups using similar configuration steps that define what DataFox searches for across a variety of subjects, such as financial events, corporate actions, management changes, and other items that may impact a supplier’s viability.
Data Sourcing and Validation

DataFox Supplier Intelligence Cloud uses artificial intelligence (AI) technologies to source data. Natural language processing searches the internet for information based on previously defined criteria. The database is continually updated by analyzing free-form text from content, such as news articles, press releases, regulatory filings, social media, job listings, and blog posts. Signal detection leverages proprietary models to categorize sourced information, such as leadership changes, financial performance, initial public offerings, acquisitions, and new product launches. Once completed, the data is delivered immediately via Oracle Cloud Procurement.

To further ensure the accuracy of firmographic and signals data, machine learning helps identify and correct inconsistencies in profile data and routes exceptions to a team of human analysts to check their validity. Oracle DataFox auditors carefully verify data and provide feedback to the models to improve their accuracy. AI matching and deduplication models select identifiable companies from articles or snippets of text across the web to augment their profiles.

Supplier Management with Oracle Cloud Procurement

Oracle Cloud Procurement is an end-to-end source-to-settle solution used by some of the most sophisticated global organizations. The solution encompasses robust supplier management capabilities including Oracle Cloud Supplier Qualification Management, a solution that systematically qualifies potential suppliers against rigorous requirements to determine their suitability as a business partner. Combined with the always-on capabilities of Oracle DataFox Supplier Intelligence Cloud, your company is always up to date on developments and ahead of the curve on supplier risk.