

IT solutions for due diligence

Provider	Services ¹	Opportunities for alignment
<u>Verisk 3E</u>	Verisk 3E can help companies satisfy US and EU regulatory obligations and meet the demands of internal and external stakeholders for Conflict Mineral status information. Its approach closely aligns with the OECD guidance to conduct supplier engagement and support due diligence at the supplier or product level in order to identify the presence and origin of tin, tantalum, tungsten or gold in the supply chain.	
<u>Achilles</u>	<p>The Achilles Conflict Minerals Programme allows clients to investigate their global supply chain, regardless of company size. It is designed to support regulatory compliance with the US and EU Conflict Minerals legislation.</p> <p>Aligned with the OECD guidance the Achilles platform enables due diligence and corrective action management, supported by a global team of consultants with local-language capabilities. It provides local support to both buyers and suppliers in 29 languages.</p>	<p>REACH and RoHS compliant</p> <p>Uses <u>CMRT template</u> for downstream traceability (online or upload)</p>
<u>Enviance</u>	Enviance provides a substance-based materials management system, where data is organised around the substances in the materials. Its SaaS solution, Material Disclosure, creates an online repository for up-to date substance data and a collaborative infrastructure for suppliers that keeps supplier information and user identities confidential.	<p>Works with SAP and Oracle</p> <p>Privacy of suppliers</p> <p>REACH, RoHS and WEEE compliant</p>

¹ All companies in this list were approached for additional information. Companies that responded to requests for further information have had input into the description of services, and for other companies the description has been taken from publicly available sources.

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<u>Assent Compliance</u>	The Assent Compliance Platform supports companies to manage their internal and regulatory requirements, ranging from supplier engagement, data collection, process automation and training, to due diligence and reporting. Product suites and modules integrated within the platform allow users to manage their corporate social responsibility, product compliance and vendor management programs from one central location.	Uses CMRT Template
<u>BOMCheck</u>	BOMcheck's system provides a centralised web database for suppliers to upload their RMI CMRT form and publish materials declarations for REACH and RoHS. It partners with RMI to validate new smelters and add them to the list of known smelters, as well as providing a permanent archive of suppliers' CMRTs, kept up to date in collaboration with RMI. BOMcheck helps keep its users up to date with regulations and provides tools, training and chemical guidance to help suppliers create and share declarations.	REACH and RoHS compliant Uses CMRT template (online or upload)
<u>CDX (Compliance Data Exchange)</u>	DXC Technology provides a cloud based software solution for material data reporting called Compliance Data Exchange (CDX). The Conflict Minerals Declaration Manager in CDX supports all versions of the CMRT and assists in the declaration process and roll-up of information received from supplier companies. CDX offers online analysis tools including overviews by metal and country, quality checks, and deficiency reports for a company's CMRT. The communication and workflow management system allows interaction with suppliers and customers through the online platform and email, so suppliers do not have to use the same platform.	Whole supply chain Uses CMRT template (online or excel upload) Privacy of suppliers REACH and RoHS compliant Has system for IMDS

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<u>Crowe Horwath LLP</u>	Crowe Horwath offers a proprietary Conflict Minerals Tracker technology to facilitate CMRT data collection and validation, supplier training and escalation, and ad hoc dashboard reporting.	RCOI surveys Privacy of suppliers
<u>CSRware</u>	CSRware provides a conflict minerals management software for SEC disclosure, security and social compliance including areas such as anti-slavery, human trafficking and child labour. CMRT reports can be uploaded from Excel or other formats, the software manages issues of data integrity and compiles the supplier results in one final report. Software packages can be tailored to the needs of the client and vary in focus.	Uses CMRT template
<u>EcoDesk</u>	Ecodesk has developed a smart communications platform that helps clients engage with actors in their supply chain. It has a template tailored to conflict minerals reporting but also offers flexibility in its questions and can be adjusted to the needs of the client. If the initial engagement with the supplier fails, Ecodesk sends out automated reminders and also calls up suppliers personally to assist in the completion of information if needed (in English). The platform can reach up to smelters but specialises mainly in tier one suppliers. The privacy settings of disclosure for the supplier can be tailored to the client and data submitted by suppliers can be accessed by other clients, if given permission, to avoid duplication.	

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<u>Enablon</u>	<p>Enablon helps companies to map and engage with their supply chain as well as mitigate environmental, reputational and compliance risks. There are a range of usage options, including SaaS, hosted and on-premises. Enablon can provide member companies with tools to measure and increase their ethical, social and environmental performance, and help companies engage with their suppliers to implement and monitor a continuous improvement process.</p>	
<u>Everledger</u>	<p>Everledger enables stakeholders within an organisation, supply chain or industry to collaborate through a blockchain enabled data protocol for the delivery of operational outcomes. This also enables transparency in tracking the provenance of assets as they move across the ecosystem.</p> <p>Everledger operates across different industries, from diamonds and coloured gemstones, to luxury goods.</p>	
<u>Green Status Pro</u>	<p>Green Status Pro focuses exclusively on conflict minerals reporting, using an automated CMRT analysis and reporting technology to help clients report on their supply chains. Green Status Pro creates and distributes the CMRT form and analyses and documents suppliers' responses. Green Status Pro completes a report on RCOI for each review for audit purposes. The tool is cloud based and continuously backed up. Only the client and Green Status Pro can access the client's account, and information that is sent on is encrypted for security reasons. The service can be tailored to the client's needs in terms of participation and scope. The reports meet IPSA and SEC standards.</p>	

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<u>GreenStone Plus</u>	<p>Greenstone Plus' SupplierPortal consolidates supplier networks into one online platform from which a company can distribute bespoke supplier questionnaires. Returned questionnaires are then assessed according to user-defined risk criteria. Industry standard questionnaire templates are also available, covering areas such as conflict minerals, modern slavery and environment. The Portal runs and manages internal and external audits and tailors supplier information requirements according to supplier categories. SupplyPortal will gather information and create risk and compliance reports for the client.</p>	<p>Bespoke questionnaires</p> <p>Includes environmental, health and safety, modern slavery risk.</p>
<u>Integrity Next</u>	<p>Integrity Next provides an online platform where companies upload their suppliers, and suppliers perform self-assessments through answering questions and uploading certificates, which appear on the company's dashboard. The compliance checks are also cascaded down a company's supply chain from suppliers to sub-suppliers. Integrity Next uses social media and news crawlers to find supplier related messages and ensure that a company is aware of risks in their supply chain, of public opinion and the latest industry trends. It also uses country key performance indicators to benchmark against a supplier's compliance, and suppliers' board members are automatically checked against international sanction lists from OFAC, FCPA, EU etc. The platform is designed to be accessible from any device.</p>	<p>Blacklist checks</p> <p>Supplier self-assessments</p> <p>Country key performance indicators</p> <p>Social media and news insights</p>
<u>iPoint</u>	<p>iPoint provides compliance and sustainability solutions that can be tailored to different needs. Its services promote cross-company exchange of data and information with the goal of achieving compliant and sustainable products.</p>	<p>REACH and RoHS compliant</p>

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<u>NQC</u>	<p>NQC's SCRiM technology manages supplier engagement, registration and assessment across multiple tiers of a company's supply chain. They have partnerships with data providers that support customers with mitigating supply chain risks. NQC has a standardised supplier registration process which captures key risk information and catalogues suppliers. NQC helps companies to build a rounded view of potential suppliers' corporate information, financial reporting and ownership details and automatically flags risks and weaknesses using graphical scorecards. Their reporting goes beyond the immediate third party and identifies related entities within the supplier's corporate family which could pose a reputational or corporate risk.</p>	<p>Map corporate information on suppliers and their corporate family</p> <p>Flag potential risks of suppliers</p>
<u>OPTEL Group</u>	<p>OPTEL is a global provider of traceability systems across various sectors. OPTEL's traceability solutions allow diverse industries to measure, inspect, control and track a wide range of elements to improve product quality and make better use of resources. Their GeoTraceability platform provides mining organisations with real-time, item-level traceability of products from raw materials to the end use with the ability to track products back to their origin.</p>	
<u>Oracle</u>	<p>Oracle corporation is a multinational computer technology corporation which develops marketing database software for companies. Oracle offers an end-to-end supply chain tracking.</p>	
<u>Stacksdata</u>	<p>Stacksdata supports companies to connect with suppliers to exchange and report compliance and supply chain data. The system keeps track of all answers and verifications and is designed to streamline the process for companies.</p>	

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<u>Pure Supply Chain</u>	<p>Pure Supply Chain is a data management system created by UL EH Sustainability to map supply chains. A detailed profile is created for each supplier, including company details, category, status, questionnaires, audits and scores. Communications with suppliers are also recorded, along with data on geo-locations, weather and climate. The supplier web can be viewed through a visualisation of supplier relationships, shown with multiple tiers and interconnections. Information can be filtered by region, category, status and product types. The system also provides support by scheduling and managing audits online.</p>	
<u>Resilinc</u>	<p>Resilinc cloud software solutions help to map the supply chain to the level of raw materials and parts. Once a supplier submits data it can be shared with other relevant parties to avoid duplication. Resilinc offers analytic services, helping companies proactively plan to avoid supply chain risks and establish mitigation metrics.. Resilinc can also assist in responding efficiently and effectively to a supply chain incident through its 'virtual Event War Room' and 'what if scenario' planning to help the company minimise customer, financial and competitive impacts.</p>	

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<u>SAP</u>	SAP is one of the largest software companies in the world. It is used to manage complex business units from a single point, including raw materials, supply chain, inventory, production, marketing and sales. Information is stored in a cloud service enabling analytics to be accessible anywhere. SAP has multiple modules covering different areas of business and some that are industry specific such as SAP Oil and Gas.	
<u>Sedex Advance</u>	Sedex Advance helps companies to understand their supply chains' performance and identify areas for improvement. They also provide risk assessment tools. Suppliers can use the platform to share information with multiple customers simultaneously. The dashboard system and reporting platform Data Monitor is built into Sedex advance, which allows companies to identify patterns in their supply chain as well as benchmark performance against industry peers. The platform is primarily designed for buyer and buyer supplier members but there are basic reports available for supplier and auditor members.	

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<u>Source Intelligence</u>	Source Intelligence’s Conflict Minerals Compliance Program engages with a company’s suppliers on behalf of the company, using phone and email in the supplier’s native language. Its platform centrally monitors supplier progress and responses centrally, and collates verified data for downstream reporting. The program also offers a smelter verification service which allows companies to compare against publicly available smelter data and their smelter database to ensure accurate smelter reporting. Source Intelligence, in partnership with Ropes & Grey, have created an awareness raising and educating platform to help companies in the supply chain comply with SEC, and also provide information and training.	
<u>Verisk Maplecroft’s Sustainable Procurement Solutions</u>	Verisk Maplecroft’s Sustainable Procurement service combines risk analytics with country and commodity analysis to help companies understand how human rights, political and environmental risks can impact reputations and the continuity of goods and raw materials. The approach is designed to help companies to streamline responsible sourcing processes, develop data-led audit strategies and make risk-adjusted decisions.	
<u>MineralTrace</u>	MineralTrace is a technological platform and auditing framework that implements a secure trade documentation and proof of origin system over minerals and precious stones supply chains. It allows for real time monitoring of traded minerals from ASM certified mines.	

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<u>Minespider</u>	Minespider is a blockchain solution that aims at ensuring no breaches of human rights in at-risk origin countries occur in mineral supply chains. Minerals covered are gold, tin, tantalum, tungsten or copper.	
<u>Mintrax</u>	Mintrax is a mining and mineral provenance platform set up specifically to procure minerals in compliance with the OECD due diligence framework. Mintrax enables end-to-end sharing of transactional data for all participants via a permissioned blockchain, with information available from mineral source to the end-user, while preserving confidentiality. The Mintrax blockchain commits to offering security, transparency and immutability of the certification record for ethically-sourced minerals.	
<u>Mimosi Peer Ledger</u>	Mimosi Peer Ledger uses blockchain ledgers and patent-pending processes to instantly verify the origin of precious and industrial metals. Details on suppliers' conflict-free mineral sourcing policy, due diligence and certification from LBMA, RBA, RJC, etc. as well as audit reports are shown. All data is masked and encrypted making it only available to supply chain entities identified by the company.	
<u>Consensus</u>	Consensus provides a platform to gather data created by diverse actors, structures it for analysis and reuse, and joins it with other relevant sources of data. The solution provides data comparability across organisations and industries. The platform creates a real-time view of all the relevant data with live analysis to help manage an organisation's risk compliance.	

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<u>Provenance Proof</u>	<p>Provenance Proof is a blockchain project launched by Gübelin Gem Lab in partnership with Everledger. The aim of the partnership is to create a digital ledger based on blockchain technology, which will enable the operations along a gemstone's value chain to be securely recorded, stored and shared.</p>	
<u>Chainpoint</u>	<p>ChainPoint offers software for sustainable supply chains. It is a cloud-based software platform that manages and shares product, process and supplier information, from raw material to finished product. The software and services aim to help companies improve quality and sustainability whilst reducing cost and risk. Solutions provided by ChainPoint include: supply chain mapping, traceability, audit management, supplier assessment, supply chain analytics, storytelling, mobile application and blockchain.</p>	
<u>Trust Chain Initiative (built by IBM services)</u>	<p>The TrustChain Initiative tracks and authenticates diamonds and precious metals through every stage of the supply chain to the finished piece of jewellery. It provides digital verification, physical product and process verification, and third-party oversight.</p>	

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BetterChain	The BetterChain data valuation framework incorporates an assessment system for reliable upstream data. It includes traceability, risk management, KYC data and supply chain documentation, as well as a blockchain-based accountability mechanism. The BetterChain framework rewards the provision of due diligence information along the supply chain. The framework aims to incentivise and increase exports of compliant minerals, fund artisanal mine formalisation measures and foster local communities' resilience to conflict through enhanced, transparent economic activity.	
Emergent Technology Holdings	Emergent Technology Holdings' blockchain technology and smart contract platform traces responsibly sourced gold from mine-to-refiner-to-vault and then digitises that gold into secure G-Coins for trade around the world.	
Anthesis	Anthesis combines business process outsource and IT systems to support clients with product compliance and conflict minerals solutions. The Anthesis Compliance Data Collection form is a IPC-1752A verified tool. Anthesis automate the process to validate compliance, prepare reports for customers, including those needed for REACH, RoHS, Conflict Minerals and a variety of custom reporting requirements.	IPC-175x IEC-62474 The CMRT Template
DataCross	Data Cross is a cloud-based system to collect, analyze and document material data and information concerning regulated or prohibited substances. Conflict minerals is one of many modules besides REACH, RoHS, CalProp65, POP, HKC, Battery, Packaging, MDR etc. to fulfil material compliance holistically. The Conflict Minerals module of Data Cross allows to	The CMRT template Implementation concerning DIN EN 50581/IEC 63000 ERP and PDM applications

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	request information from suppliers and implement the Conflict Minerals requirements. The system is available in German, English, French and Chinese	
Compliance Map	The Compliance Map is a cloud based platform for materials and supply chain management and sustainability reporting. Aligned with the OECD 5 step due diligence framework and RMI partner, services include supply chain mapping, engagement and workflow management, risk assessment, audit and corrective action. Risk and compliance verdicts rolled up through BOM for reporting at product, part or company level	

Glossary of acronyms

ASM	Artisanal and Small-Scale Mining
CIBJO	The World Jewellery Confederation
CIRAF	Cobalt Industry Responsible Assessment Framework
CMRT	Conflict Minerals Reporting Template
COSOC-GL	Coalition of Civil Society Organizations in the African Great Lakes Region against the Illegal Exploitation of Natural Resources
EU	European Union
FCPA	Foreign Corrupt Practices Act
ICGRL	International Conference of the Great Lakes Region
MDS	International Material Data System
IPSA	Independent Private Sector Audit
KYC	Know Your Customer
NGO	Non-Governmental Organisation

OECD	Organisation for Economic Co-operation and Development
OFAC	Office of Foreign Assets Control
PEP	Politically Exposed Person
RBA	Responsible Business Alliance
RCOI	Reasonable Country of Origin Inquiry
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RJC	Responsible Jewellery Council
RMI	Responsible Minerals Initiative
RoHS	Restriction of Hazardous Substances
SaaS	Software as a Service
SEC	Securities and Exchange Commission
SME	Small or Medium-Sized Enterprise
WEEE	Waste Electrical and Electronic Equipment