European Commission

# IT solutions for due diligence

| Provider | Services[1] | Opportunities for realignment |
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| Verisk 3E | Verisk 3E can help companies comply with U.S. and EU regulations as well as internal and external stakeholder requirements for conflict minerals status information. This approach is closely aligned with the OECD Guiding Principles on Supplier Engagement and Due Diligence at the supplier or product level to identify the presence or origin of tin, tantalum, tungsten or gold in the supply chain. | |
| Achilles | Achilles' Conflict Minerals Program enables customers to examine their global supply chain regardless of the size of the company. It aims to support compliance in line with US and EU conflict minerals legislation.<br><br>In line with the OECD Guidelines, Achilles' platform enables the exercise of due diligence and the management of corrective actions with the support of a global team of consultants fluent in local languages. Local support in 29 languages is provided for both customers and suppliers. | Compliant with REACH and RoHS<br><br>Uses CMRT template for downward traceability (online or upload) |

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[1] All companies in this list have received a request for information. The companies that responded to this information request participated in the description of the services, but for others the description was taken from publicly available sources.

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| Enviance | Enviance offers a substance-based material management system in which data is structured according to the materials' ingredients. The SaaS solution, Material Disclosure, provides an online repository for up-to-date material data as well as a common infrastructure for suppliers, where supplier data confidentiality and user identities are maintained. | Works with SAP and Oracle<br><br>Data protection for suppliers<br><br>With REACH, RoHS and WEEE compliant |
| Assent Compliance | The Assent Compliance Platform helps companies manage their internal and regulatory compliance from supplier engagement, data collection, process automation and training to due diligence and reporting. Product suites and modules integrated into the platform enable users to manage aspects such as corporate social responsibility, product compliance and supplier management programs from one central location. | Uses CMRT template |
| BOMCheck | BOMcheck provides a centralized web-based database for suppliers to upload their RMI CMRT form and publish material declarations for REACH and RoHS. The system works in partnership with RMI to validate new smelters and add them to the list of known smelters, thus creating a permanent archive of suppliers' CMRTs that is updated in collaboration with RMI.<br>BOMcheck helps users stay up to date on regulations and provides tools, training and information on chemicals that suppliers can use to create and share their declarations. | Compliant with REACH and RoHS<br><br>Uses CMRT template (online or upload) |

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| CDX (Compliance Data Exchange) | DXC Technology offers Compliance Data Exchange (CDX), a cloud-based software solution for material data reporting. The Conflict Minerals Declaration Manager in CDX supports all CMRT versions and helps with the declaration process and compilation of information received from suppliers. CDX provides online analysis tools that include overviews by metal and country, as well as quality checks and deficiency reports for the company's CMRT. The communication and workflow management system allows for exchange with suppliers and customers via an online platform and email, so that suppliers do not have to use the same platform. | Entire supply chain<br><br>Uses CMRT template (online or Excel upload)<br><br>Data protection for suppliers<br><br>Compliant with REACH and RoHS<br><br>Includes system for IMDS |
| Crowe Horwath LLP | Crowe Horwath offers proprietary conflict minerals tracking technology to simplify operations such as CMRT data collection and validation, supplier training and escalation processes, and ad hoc dashboard reporting. | RCOI surveys<br><br>Data protection for suppliers |
| CSRware | CSRware provides conflict minerals management software for SEC disclosure, security issues, and social impact including issues such as anti-slavery, human trafficking, and child labor. CMRT reports can be generated from<br>Excel files or other formats can be uploaded; the software manages data security issues and compiles supplier results into a final report. The software packages can be tailored to the customer's requirements and modified according to the focus. | Uses CMRT template |

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| EcoDesk | EcoDesk has developed an intelligent communication platform to help customers collaborate with actors in their supply chain. It has a template tailored to conflict minerals reporting, but also offers some flexibility in terms of issues and can be customized to the customer's requirements. If the initial arrangement with the supplier fails, Ecodesk automatically sends reminders and also personally contacts suppliers to assist them in gathering information if necessary (in English). The platform can be extended to smelters, but is essentially focused on direct suppliers. Supplier data disclosure settings can be customized to the customer; data shared by suppliers can also be accessible to other customers, if authorized, to avoid duplication. | |
| Enablon | Enablon helps companies map their supply chain and collaborate with suppliers, as well as mitigate environmental, reputational and compliance risks. Several usage options are available, including SaaS, hosted or on-premise. Enablon provides its members with tools to measure and improve their ethical, social and environmental performance and helps companies work with their suppliers to implement and monitor a continuous improvement process. | |

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| Everledger | Everledger enables stakeholders within an organization, supply chain, or industry to collaborate via a blockchain-based data protocol for the delivery of operational results. This also improves transparency in tracing the origin within supplier networks.<br><br>Everledger operates in a variety of industries from diamonds to colored gemstones to luxury goods. | |
| Green Status Pro | Green Status Pro focuses exclusively on conflict minerals reporting, using automated CMRT analysis and reporting technology to help its clients report on their supply chains. Green Status Pro develops and distributes CMRT forms and analyses and documents supplier responses. Green Status Pro generates an RCOI report for audit purposes for each audit. The tool is cloud-based and continuously backed up. Only the customer and Green Status Pro can access each customer's account, and the data sent is encrypted for security. The service can be customized to meet the client's participation and scope requirements. The report complies with IPSA and SEC standards. | |

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| GreenStone Plus | Greenstone Plus' SupplierPortal consolidates supplier networks on an online platform from which companies can share customized supplier questionnaires. The completed questionnaires are then evaluated against user-defined risk criteria. In addition, questionnaire templates commonly used in the industry are available, covering areas such as conflict minerals, modern forms of slavery and environmental protection. The portal conducts and manages internal and external audits and customizes supplier information requirements according to supplier categories. The SupplyPortal collects information and generates risk and compliance reports for its customers. | Customized questionnaires<br><br>Includes environmental, health and safety risks, modern forms of slavery. |

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| Integrity Next | Integrity Next provides an online platform where companies can upload their suppliers and suppliers can self-assess by answering questions and uploading certificates, which then appear on each company's dashboard. Compliance checks are conducted along the company's supply chain from suppliers to subcontractors. Integrity Next uses social media and news crawlers to find supplier-related news and ensure that a company is aware of the risks in its supply chain, public opinion and the latest industry trends. The platform also uses KPIs (key performance indicators) per country to compare a supplier's compliance; supplier board members are automatically checked for international sanctions in lists from OFAC, FCPA, EU, etc. The platform is designed to be accessible from any device. | Blacklist exams<br><br>Supplier self-assessment<br><br>KPI per country<br><br>Social Media, News Insights |
| iPoint | iPoint offers compliance and sustainability solutions that can be tailored to specific requirements. The service promotes cross-company data and information sharing with the aim of obtaining compliant and sustainable products. | Compliant with REACH and RoHS |

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| NQC | NQC's SCRiM technology manages supplier engagement, registration and assessment at multiple stages in a company's supply chain. NQC has partnered with data providers to help customers reduce their supply chain risks. NQC has a standardized supplier registration process that captures key risk information and catalogs suppliers. NQC helps companies get a holistic view of potential suppliers' corporate data, financial position and ownership, and maps risks and weaknesses against geographic scorecards. Reporting extends beyond immediate third parties and identifies entities within the supplier group that could pose reputational or business risk. | Presentation of company data on suppliers and their group of companies e<br><br>Identifying the risks of potential suppliers |
| OPTEL Group | OPTEL is a global provider of traceability systems across a wide range of sectors. OPTEL's traceability solutions enable diverse industries to measure, inspect, control and trace a range of elements to improve their product quality and better utilize their resources. The GeoTraceability platform provides companies with real-time traceability information for each product, from raw material to end use, so that products can be traced back to their origin. | |

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| Oracle | Oracle Corporation is a multinational IT technology company that develops marketing database software for businesses. Oracle offers a holistic tracking solution for the supply chain. | |
| Stacksdata | Stacksdata helps companies connect with suppliers to share and disclose compliance and supply chain data. The system captures all responses and reviews and is designed to streamline the process for companies. | |
| Pure Supply Chain | Pure Supply Chain is a data management system developed by UL EH Sustainability to map supply chains. A detailed profile is created for each supplier, including company data, category, status, questionnaire, audits and scores. Supplier communications are also recorded, along with local geospatial data and weather and climate data. The supplier's network is displayed in a view of supplier relationships across multiple levels, with links to each. Information can be filtered by region, category, status and product type. The system also provides support for planning and conducting online audits. | |

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| Resilinc | Resilinc cloud software solutions help companies visualize the supply chain down to raw materials and parts. Data submitted by a supplier can be shared with other relevant stakeholders to avoid duplication. Resilinc provides analytics services to help companies proactively plan to avoid supply chain risks and create metrics for risk mitigation. In addition, Resilinc helps companies respond efficiently and effectively to supply chain issues with its 'Virtual Event War Room' and 'What If Scenario' to minimize negative impacts on customers, finances and competition. | |
| SAP | SAP is one of the largest software companies in the world. Its products are used to manage complex business units from a single location, including raw materials, supply chain, inventory, production, marketing and sales. The information is stored in a cloud service so that the analyses are available everywhere. SAP offers numerous modules for different business units, some of which are industry-specific, such as SAP Oil and Gas. | |

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| Sedex Advance | Sedex Advance helps companies understand the performance of their supply chain and identify areas for improvement. In addition, the company offers risk assessment tools. Suppliers can use the platform to share information with multiple customers simultaneously. Data Monitor, the dashboard system with reporting platform, is integrated with Sedex Advance and allows companies to identify patterns in their supply chain as well as determine their performance in comparison to the industry. This platform is primarily targeted at buyer and buyer/supplier members, but also provides basic reports for suppliers and auditors. | |
| Source Intelligence | Source Intelligence's Conflict Minerals Compliance Program works with corporate suppliers on behalf of the company. The working language for phone and email communications is the supplier's language. The platform provides centralized monitoring of the supplier's progress, responds in a centralized manner, and compiles verified data for downstream reporting. The program also provides a smelter verification service so companies can compare publicly available smelter data to their smelter database to ensure accurate smelter reporting. Source Intelligence, in partnership with Ropes & Grey, has established an awareness and education platform to help companies in the supply chain achieve SEC compliance; the platform also provides information and training. | |

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| Sustainable procurement solutions from Verisk Maplecroft | Verisk Maplecroft's sustainable procurement service combines risk analysis with country and commodity analysis to help companies better understand how human rights, political or environmental risks can impact their reputation and the continuity of goods and commodity flows. The solutions are designed to help companies optimize the responsible sourcing process, develop data-driven audit strategies, and make risk-weighted decisions. | |
| MineralTrace | MineralTrace is a technology platform and audit framework for a secure trade documentation and traceability system for mineral and gemstone supply chains. The system provides real-time monitoring of traded minerals from certified ASM mines. | |
| Minespider | Minespider's blockchain solution is designed to ensure that human rights are not violated in the mineral supply chains of high-risk countries of origin. The minerals concerned are gold, tin, tantalum, tungsten or copper. | |
| MIntrax | Mintrax is a mining and mineral provenance platform specifically designed for sourcing minerals in accordance with the OECD Due Diligence Guidelines. Mintrax enables all participants to share transaction data via a permissioned blockchain with information from the mineral source to the end user while ensuring data privacy. The Mintrax Blockchain stands for security, transparency and immutability of certificate records for ethically sourced minerals. | |

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| Mimosi Peer Ledger | Mimosi Peer Ledger uses blockchain ledgers and patent-pending processes that can be used to instantly verify the origin of precious and industrial metals. Detailed supplier-related information such as conflict-free mineral sourcing policies, exercise of due diligence and certification to LBMA, RBA, RJC, etc., as well as audit reports are available. All data is hidden and encrypted and therefore only accessible to the supply chain entities identified by the company. | |
| Consensas | Consensas provides a platform for collecting data created by different actors, structuring it for analysis and reuse, and then connecting it to other relevant data sources. The solution creates data comparability between companies and industries. The platform provides a real-time view of all pertinent data with live analytics that help companies manage risk and Support compliance management. | |
| Provenance Proof | Provenance Proof is a blockchain project launched by Gübelin Gem Lab in partnership with Everledger. The goal of this partnership is to create a digital ledger based on blockchain technology that will enable the secure recording, archiving and sharing of transactions along the gemstone value chain. | |

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| Chainpoint | ChainPoint provides software for sustainable supply chains. It is a cloud-based software platform that enables product , manages process and supplier information from raw material to end product and makes it available for sharing. The software and services are designed to help companies improve quality and sustainability while reducing costs and risks. ChainPoint's solutions include: Supply chain visibility, traceability, audit management, supplier assessment, supply chain analytics, storytelling, mobile apps and blockchain. | |
| Trust Chain Initiative (from IBM Services) | The TrustChain initiative tracks and authenticates diamonds and precious metals at every stage of the supply chain through to the finished piece of jewelry. It provides digital verification, physical product and process verification, and third-party verification. | |
| BetterChain | The BetterChain data assessment framework includes an assessment system for trusted upstream data. It includes aspects such as traceability, risk management, KYC data and supply chain documentation, and blockchain-based accounting mechanisms. The BetterChain framework rewards the provision of due diligence data along the supply chain. The framework also aims to promote and increase exports of compliant minerals, fund measures to formalize artisanal mining, and strengthen the conflict resilience of local communities through improved transparent economic activity. | |

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| Emergent Technology Holdings | Emergent Technology Holdings' blockchain technology smart contract platform tracks responsibly mined gold from the mine to the refinery to the vault, then digitizes the gold into secure gold coins for trade worldwide. | |
| Anthesis | Anthesis combines business process outsourcing and IT systems to support customers with product compliance and conflict minerals solutions. The Anthesis Compliance Data Collection form is an IPC-1752A verified tool. Anthesis automates the compliance validation process, prepares reports for customers including those required for REACH, RoHS, Conflict Minerals and a variety of custom reporting requirements. | IPC-175x<br><br>IEC-62474<br><br>The CMRT Template |
| DataCross | Data Cross is a cloud-based system for collecting, analyzing and documenting material data and information on regulated or banned substances.<br>Conflict Minerals is one of many modules along with REACH, RoHS, CalProp65, POP, HKC, Battery, Packaging, MDR etc. The system is available in English, French, German and Chinese. | The CMRT template<br><br>Implementation with regard to DIN EN 5081/IEC 63000<br><br>ERP and PDM applications |
| Compliance Map | 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, services include supply chain mapping, engagement and workflow management, risk assessment, audit, and corrective action. | |
| Sourcemap | Sourcemap provides software solutions that help companies manage their supply chains by visualize indirect suppliers, and | |

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| | discover, measure risk, manage continuous improvement, track individual products, and publish their supply chains online. | |
| The Ravara Community | Levin Sources and its partner Ravara have launched the Ravara Community, an online platform and social network of trusted suppliers operating across the metals and minerals supply chain. The Ravara Community enables companies and their suppliers to fulfill and demonstrate their due diligence obligations to other members of the community. | |
| Evaluate | Evaluate is a European SaaS (Software as a Service) platform for sustainability assessment. It covers supply chain sustainability and due diligence, screening and related reporting. The platform covers all sustainability areas and can be tailored to different industries and needs, such as minerals and metals. Suppliers are mapped, screened, assessed and ranked, e.g. B. through self-assessment questionnaires and risk assessments. | |

# Glossary of Abbreviations

ASMArtisanal and small-scale mining

CIBJO        World Jewelry Association

CMRTConflict   Minerals Reporting Template        COSOC-GLCoalition of Civil Society
Organizations in the African Community
Great Lakes Region against illegal extraction of natural resources

EUEuropean    Union

FCPAForeign Corrupt Practices Act (U.S. anti-corruption law)

ICGRLInternational Conference of the Great Lakes Region.

MDSInternational Material Data System IPSAIndependent        Private
Sector Audit (Independent Audits in the
Private sector)

KYCKnow Your Customer

NGO        Non-governmental organization

OECDOrganization for Economic Cooperation and Development

OFACOffice   of Foreign Assets Control (U.S. Office of
Foreign assets)

PEPolitically Exposed Person

RBAResponsible Business Alliance

RCOIReasonable Country of Origin Inquiry.

REACHRegistration   , Evaluation,   Authorisation  and Restriction         of
Chemicals

RJCResponsible Jewellery Council (international association of
responsible companies from the jewelry industry)

RMIResponsible Minerals Initiative

RoHSRestriction of Hazardous Substances

SaaSSoftware as a Service

SECSecurities and Exchange Commission

SMESmall and medium-sized enterprises

WEEEWaste Electrical and Electronic Equipment