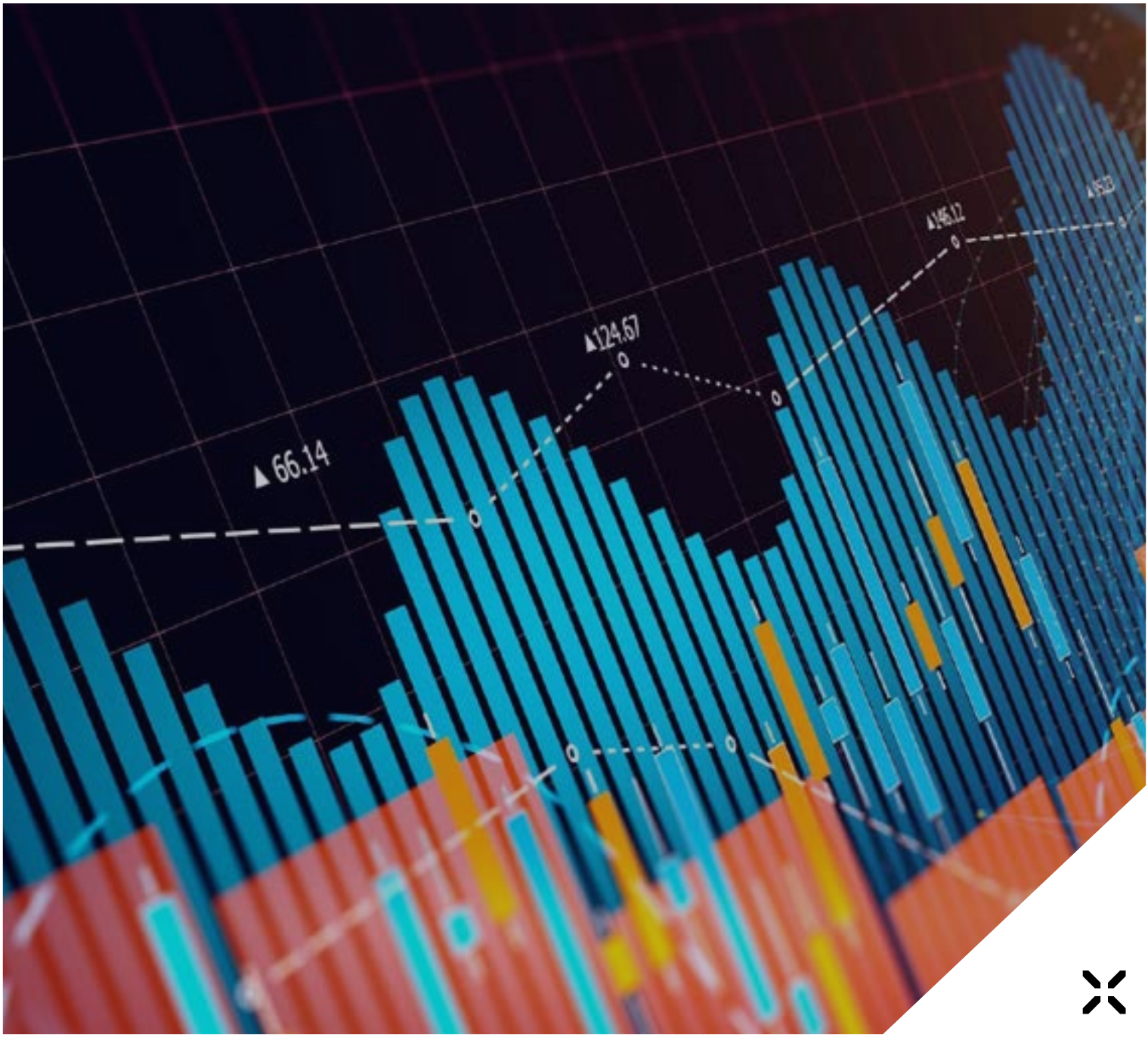
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EHS Software & Services

Green Quadrant: Product Compliance Software (2025)

By Nathan Goldstein
With Bill Pennington

September 2025



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This report provides a detailed, fact-based comparison of 11 product compliance software providers. Based on the proprietary Verdantix Green Quadrant methodology, our analysis comprised one-and-a-half-hour live product demonstrations with pre-set scenarios, customer interviews, desk research and vendor responses to a detailed 119-point questionnaire, covering 11 capability and 12 momentum categories. Although this is a heavily commoditized market, Verdantix research finds that commercial solutions are evolving to support the convergence of sustainability, safety and product compliance, via the integration of AI, deeper regulatory coverage and new capabilities for specific end-user verticals. These developments allow users to quickly query suppliers, determine compliance and enforce relevant safety precautions. The Green Quadrant analysis recognizes six vendors as Leaders: 3E, Assent, Benchmark Gensuite, SAP, Sphera and UL Solutions.

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3E, ABB, Amazon Web Services (AWS), AMCS, Amphenol, AMSYS, Apple, Ashurst, Assent, Baker Hughes, Benchmark Gensuite, Besix, Blackstone, Bosch, Catena-X, Chemical Abstracts Service (CAS), Chemwatch, Chemycal, CHT Gruppe, Compliance & Risks, Con Edison, Cooley, Cority, Crunchbase, DuPont, ECD Compliance, EcoOnline, Enablon, Ford, forward earth, GIST, Google, GRO Capital, Horiba, HP, HSI, IPOINT, Kennedys Law LLP, Kroger, LinkedIn, LSEG, Luminate Capital Partners, Magna, Mercedes-Benz, Merck, Metabo, Neuberger Berman, Okta, Omron, Palo Alto Networks, ParkerGale, PepsiCo, PitchBook, QSC, RINA, Rite Aid, SAP, Schneider Electric, Skillko, Source Intelligence, Sphera, Stryker Neurovascular, SupplyShift, Takeda Pharmaceuticals, Total, UL Solutions, Vista Equity Partners, Waud Capital Partners, WestWood Kunststofftechnik, Whirlpool, Wittenstein, Z2Data.

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Summary for decision-makers

- This report is designed for product compliance, procurement, supply chain and EHS leaders who are responsible for ensuring that operations remain compliant with material regulations and safety and chemical standards. This benchmark provides them with clear, evidence-based guidance to align product compliance investments with operational goals and digital transformation roadmaps.
- Secondary stakeholders such as software vendors (including heads of strategy, product development and competitive intelligence) can use this report to benchmark their offerings, identify capability gaps and align product roadmaps with emerging customer demands for supply chain interrogation, novel hazard identification, DPPs and AI-driven non-compliant supplier or part identification and substitution.
- This study uses the Verdantix Green Quadrant methodology, incorporating a 119-point questionnaire, one-and-a-half-hour live demo briefings, 21 detailed buyer interviews and desk research. The evaluation covers 11 product compliance vendors and assesses their performance across 11 capability and 12 momentum categories.
- The study finds that despite the product compliance market being heavily commoditized, it is continuing to evolve, with demand for platforms that support international regulatory initiatives such as DPPs, full material disclosures and the streamlining of compliance assurance via AI, while integrating with traditional EHS workflows to leverage SDS data and enable responses to hazardous events.

Figure 8

Green Quadrant for product compliance software 2025



Source: Verdantix analysis

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How to use the Green Quadrant for product compliance software

This Green Quadrant analysis applies to product compliance software, which Verdantix defines as:

> *"Software intended to ensure a firm complies with regulations regarding 1) the manufacture of products and chemicals; 2) the use, storage, transport and disposal of bulk chemicals; and 3) the sale of manufactured components that contain regulated substances."*

This Green Quadrant report assesses and benchmarks 11 leading vendors in the product compliance market. The report will help chief technology officers (CTOs) and legal, EHS and compliance teams select product compliance providers based on their needs. The report positions the vendors into four Quadrants: Leaders, Innovators, Specialists and Challengers – each with specific benefits and drawbacks. The report answers the following questions:

- **How are vendors innovating to meet evolving customer needs for product compliance?**
- **What differentiates vendors in this space?**
- **Who are the leading product compliance vendors?**
- **What should a buyer look for when selecting a product compliance provider?**

To answer these questions, Verdantix evaluated 11 vendors using a 119-point questionnaire and live product demonstrations lasting one-and-a-half hours each. We also conducted 21 interviews with buyers of product compliance software. The analysis uses the proprietary Verdantix Green Quadrant methodology, which provides an evidence-based, objective assessment of vendors offering comparable products or services. Additional Verdantix insights into product compliance can be found in Verdantix Buyer's Guide: Supply Chain Sustainability Solutions (2025), Verdantix Smart Innovators: Sustainable Product And Materials Traceability Software, Verdantix Strategic Focus: Product Compliance Through Digital Product Passports and Verdantix Smart Innovators: Product And Chemical Compliance Solutions.

Product compliance software addresses direct EHS and chemical hazard needs, while supporting supply chain optimization

Over the past five years, regulatory and voluntary scrutiny of the myriad issues around product compliance has rapidly grown in both breadth and depth. Shifting threshold limits, increased coverage and the addition of novel pollutants to watch lists have compounded existing challenges related to growing supply chain diversity. In the Verdantix 2025 global corporate EHS survey, the number of respondents considering the proactive eradication and substitution of potentially hazardous substances to be 'most significant' rose by 16 percentage points from 2024 (see **Figure 1**) (see Verdantix Global Corporate Survey 2025: EHS Budgets, Priorities And Tech Preferences). Meanwhile, operations around product compliance are increasingly converging, expanding the duties of EHSQ professionals and requiring deeper linkages with sustainability and supply chain teams. Modern product compliance solutions are pivotal in this conjunction of EHS and sustainability, helping organizations tackle priorities such as:

- **Staying abreast of shifting regulatory hurdles.**
  The current regulatory environment around product compliance is multi-faceted and cross-border, with areas such as the EU leading the way in identifying and placing limits on certain substances. Regulatory frameworks such as the EU's Corporate Sustainability Reporting Directive (CSRD), Toxic Substances Control Act (TSCA), Deforestation Regulation (EUDR), Carbon Border Adjustment Mechanism (CBAM) and Digital

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Product Passports (DPPs), along with regulations surrounding novel pollutants such as per- and polyfluoroalkyl substances (PFAS) and persistent organic pollutants (POPs), are all expanding or shifting in some way. On a regional level, North American states such as California are intensifying regulation through frameworks such as Proposition 65, while at the federal level, the direction the current administration will take remains uncertain. In addition to the composition of materials handled or leveraged commercially, regulatory frameworks now frequently consider worker safety conditions, as well as carbon and ESG factors along the supply chain.

- **Deepening integration with ESG and sustainability.**
  With explosive interest around – and heightened scrutiny of – supply chains, and their contribution to emissions and environmental impacts, product compliance leads are often engaging their suppliers at a higher cadence. This can range from simply confirming a product's ESG attributes – such as compliance with forced labour and conflict mineral regulations – to determining Scope 3 measurements and chemical composition. This level of communication can lead to burnout, or to missed data, with suppliers and compliance teams either providing or proceeding with incorrect information. In addition to gathering and validating these data, vendors are now also increasingly focused on aggregating the information, shifting towards supplier collaboration hubs, with portals for data exchange, risk scoring and pre-market compliance checks for supply chains.

- **Moving compliance from static to dynamic.**
  In a similar way to other aspects of EHS workflows, compliance is often an overly manual process, reactive in nature and heavily focused on tracking rather than enabling. Historically, vendors offered solutions that were geared towards eliminating manual checks, initiating quick supplier queries and providing a centralized database for all relevant data. With increased digitization of these processes, the tempo of compliance assessments and queries has accelerated. Modern platforms now allow leads to quickly see whether any components are non-compliant, establish which suppliers are high risk (based on either formalized or business-defied criteria) and identify substitutions.

- **Leveraging safety data sheets (SDSs) for chemicals and hazardous substances.**
  EHS professionals and functions leverage high numbers of SDSs daily for chemical safety, to inform their operation preparations, use of personal protective equipment (PPE), and incident response procedures. Certain industries, such as those in the very high risk category with global operations (see **Figure 2**), process upwards of 1,000 SDSs each day. In the Verdantix EHS global corporate survey, 17% of respondents regarded chemical and product compliance issues to be their 'most important' operational challenge, illustrating the importance of ensuring these data are up to date. In addition to relevant safety data, SDSs contain volumes of information that inform not only safety-focused responses, but inventory tracking, bill of materials (BOM) build-outs, and more. In product compliance solutions, automated integration or exchanges keep SDSs up to date, while inventory movements and tracking flow up and down the supplier and operator chain, ensuring technical accuracy, while maintaining safety standards.

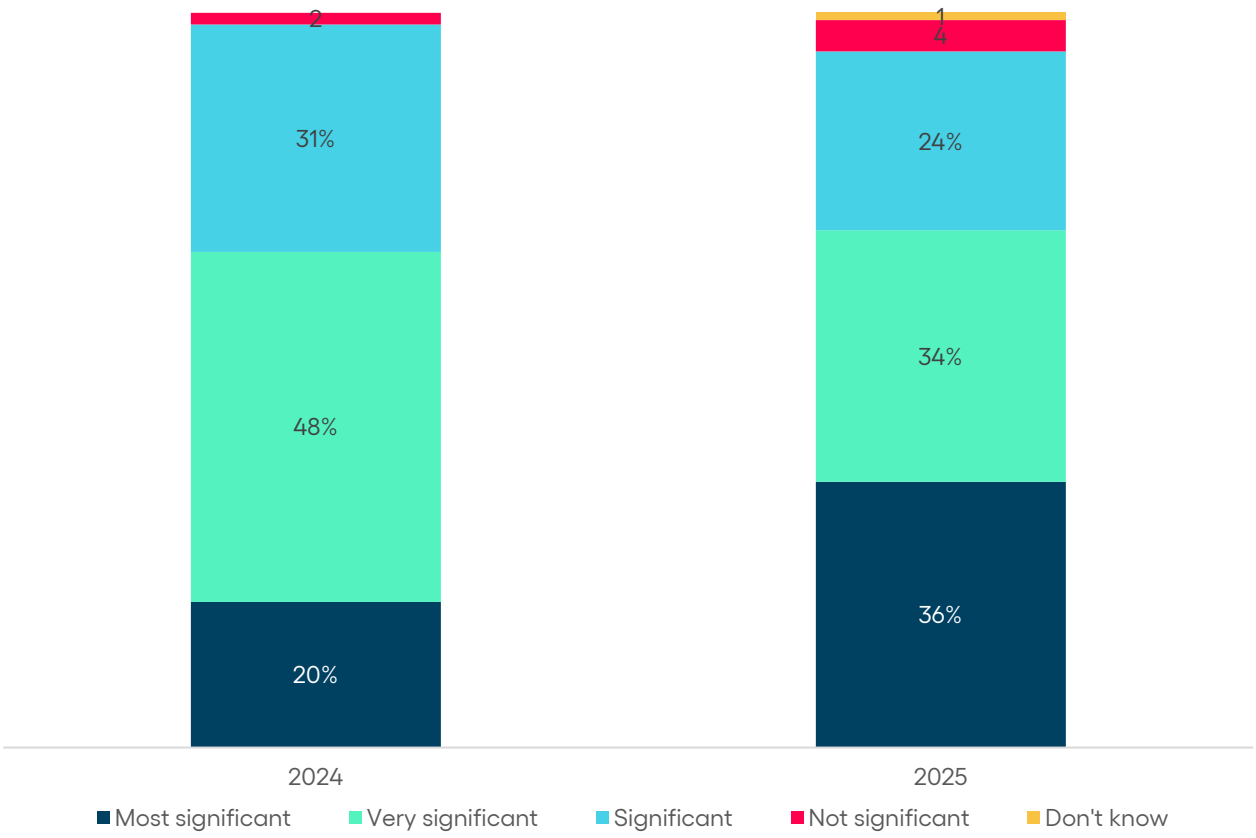
- **Applying cross-departmental data to support strategic planning.**
  As regulations shift and firms expand regional operations, modern product compliance solutions have evolved into platforms that help guide strategic business planning. Platforms now offer a wide range of dashboards that centralize every aspect of product portfolios, addressing supplier metrics, regulatory hurdles and other KPIs. Filterable by region, business unit, CAS (Chemical Abstracts Service) number and other details, these dashboards allow decision-makers to see the larger picture when planning for an expansion or developing a response to a regulatory shift. Centralized visibility enables users to select new suppliers, launch assurance campaigns and examine which aspects of proposed regulatory changes will impact both current and future products.

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Figure 1

Eradicating and substituting potentially hazardous substances

How significant to you is proactively eradicating and substituting potentially hazardous substances?



Note: Data labels are rounded to zero decimal places; percentages less than 5% are written as numbers.
Source: Verdantix Global Corporate EHS Survey 2025

N=302

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Figure 2

Verdantix industry risk categories

Risk category	Industry
Very high risk	Chemicals Mining, metals and minerals Oil and gas
High risk	Construction Forestry and logging Pulp and paper Electric power generation
Medium risk	Aerospace manufacturing Electrical equipment, appliance and component manufacturing Agriculture Food and beverage Heavy machinery Transportation Healthcare Passenger transportation Vehicles Textiles Telecommunications Waste management Water utility
Low risk	Finance Real estate Business services Media Hospitality and entertainment Retail trade Education

Source: Verdantix analysis

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Green Quadrant for product compliance software 2025

Firms seek intuitive and scalable solutions that allow the user to efficiently collect, analyse, query and report data for a range of product compliance directives, while also using these data to help keep employees safe. Product compliance solutions are primarily driven by the need to ensure regulatory compliance, but also cover initiatives at the firm level around substances and policies. This study focuses on the technology and usability of product compliance software tools and does not assess any additional services or consulting capabilities offered by the featured vendors. However, for some vendors, these services make up a significant portion of their offering, and the study will therefore describe them where appropriate.

Green Quadrant methodology

The Verdantix Green Quadrant methodology provides buyers of specific products or services with a structured assessment of comparable offerings at a certain point in time. The methodology supports investment decisions by identifying potential software vendors, structuring relevant purchasing criteria through discussions with buyers and providing an evidence-based assessment of the products or services in the market. To ensure the study results are objective, the research process is defined by:

- **Analysis from a buyer's perspective.**
  When compiling a Green Quadrant report, Verdantix interviews individuals who have bought, are in the process of buying, or plan to purchase the product or service analysed. The purpose of these interviews is to define the relevant buying criteria and inform the weightings of the evaluation criteria in the model that drives the Green Quadrant graphic.
- **Reliance on professional integrity.**
  As it would be unfeasible to verify all data and claims that software providers make, we emphasize the need for professional integrity. Assertations made by the software providers are put in the public domain via this Verdantix report and can be checked by competitors and existing customers.
- **Scores based on available evidence.**
  To assess the expertise, resources, business results and strategies of individual providers, we collect evidence from public sources and conduct interviews with multiple representatives of the actively participating software firms, as well as industry experts. Where providers claim to be 'best in class', we challenge them to present related evidence.
- **Comparison based on relative capabilities.**
  We construct measurement scales ranging from 'worst in class' to 'best in class' performance at a certain point in time. A provider's position in the market can change over time, depending on how its offering and success evolve relative to its competitors. Hence, a vendor's Quadrant positioning may not necessarily improve – even if it adds new capabilities, makes a strategic acquisition or receives investment – as the assessment is relative to what other vendors are offering. The Green Quadrant analysis is typically repeated every one and a half to two years.

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Evaluated firms and inclusion criteria

Verdantix defines vendor inclusion criteria to ensure that the Green Quadrant analysis only compares firms providing similar services. We believe that all vendors in this report offer significant value in the product compliance software market. The 11 providers included in this study were selected because they have:

- **Coverage across at least four core product compliance categories and emerging use cases.**
  Eligible vendors were required to demonstrate functional depth in key categories, such as BOM and product structure management; chemical inventory and hazardous substance management; documentation and label generation; supplier data management and compliance assurance; product compliance analytics and reporting; and regulatory content and rule management.
- **A minimum of 50 employees and $5 million revenues from product-compliance-related modules.**
  To ensure that only vendors with a meaningful presence and commitment to the market were included, the study required participants to have a minimum of 50 employees and at least $5 million in annual revenues specifically from product compliance solutions. The latter threshold reflects both commercial traction and dedicated investment in developing and supporting these technologies, helping to distinguish established players from emerging or peripheral providers.
- **At least five named customers leveraging their product compliance software.**
  To ensure coverage across the variety of end-user industries of product compliance software, we asked vendors to provide a minimum of five named customers across a number of use cases.

Based on the inclusion criteria above, invitations to participate were issued to 15 product compliance vendors, of which 11 agreed to participate: 3E, Assent, Benchmark Gensuite, Compliance & Risks, HSI, IPOINT, SAP, Source Intelligence, Sphera, UL Solutions and Z2Data (see **Figure 3**). These vendors actively participated in an interview, a 119-point questionnaire and a live one-and-a-half-hour software demonstration. AMCS, Cority, EcoOnline and Enablon were also invited to take part, but either did not respond or chose not to actively engage in the process.

Verdantix benchmarked vendors based on a questionnaire submitted in May 2025; this report therefore does not consider capabilities from acquisitions or new product launches, or momentum from investments, made after that date.

Evaluation criteria for product compliance software vendors

Verdantix defined the evaluation criteria for this Green Quadrant through a combination of corporate survey data, interviews with end-users of the software and internal expertise. In full, this Green Quadrant analysis compares offerings from 11 software vendors using a 119-point questionnaire covering 11 categories of capabilities and 12 categories of market momentum. Individual metrics are classified as:

- **Capability metrics.**
  The capabilities dimension, plotted on the vertical axis of the Green Quadrant graphic, is used to measure each software provider's capabilities based on the breadth and depth of that firm's software approach, its differentiators against other providers, and its proven experience in each area (see **Figure 4**). In full, the 11 capabilities assessed are system interoperability and integration; security, auditability and user permissions; implementation flexibility and configurability; user interfaces; BOM and product structure management; chemical inventory and hazardous substance management; documentation and label generation; supplier data management and compliance assurance; product compliance analytics and reporting; regulatory content and rule management; and emerging and specialized compliance areas.

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- **Momentum metrics.**
  The momentum dimension of the analysis, plotted on the horizontal (X) axis of the Green Quadrant graphic, measures each software vendor on a range of strategic success factors. The 12 criteria that make up the momentum score are market vision and business strategy; product strategy; innovation process; organizational resources and growth; financial resources; revenue growth; customers; brand preference; deployment model; customer success; acquisitions; and partnerships (see **Figure 5**).

All sub-criteria were scored between the values of zero (no capability) and three (best in class). Each sub-criterion has a percentage weighting that dictates its contribution to the overall capability or momentum score. The combination of high-level criteria scores in the capabilities and momentum sections generates the Green Quadrant graphic and rankings. **Figure 4** and **Figure 5** provide details of the study criteria. **Figure 6** and **Figure 7** give a breakdown of the scoring for all participants in each category. **Figure 8** shows the Green Quadrant graphic, summarizing the positioning of all product compliance vendors in this benchmark study.

Figure 3
Suppliers and solutions assessed

Vendor	Product compliance solution(s)
3E	3E Protect, 3E Insight, 3E Generate, 3E ERC+, 3E Exchange, 3E Regulatory Content API
Assent	Assent Sustainability Manager
Benchmark Gensuite	Product Steward, Supplier Portal, SDS System, Chemical Management Portal, AirLog, Water Watch, Waste Tracker
Compliance & Risks	C2P Platform
HSI	Chemical Management, SDS Management, Label Creation & Hazcomm, Compliance Management, Document Management
IPOINT	iPoint Compliance
SAP	SAP S/4HANA for Product Compliance
Source Intelligence	C-Map
Sphera	Intelligent Authoring and Regulatory Content, SpheraCloud Chemical Management, BOMcheck, SpheraCloud Supply Chain Sustainability (SCS)
UL Solutions	ULTRUS (including WERCS Studio, WERCSmart, ChemADVISOR, Prospector)
Z2Data	Compliance Manager

Sources: Verdantix analysis; vendor information

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Figure 4

Capabilities criteria for product compliance software

Capabilities	Questions
System interoperability & integration (4%)	Which ERP or PLM systems does your platform integrate with OOTB? Do you offer open APIs for data access and integration with third-party systems? Is your platform compatible with SSO or user provisioning tools such as Microsoft Entra ID or Okta? Can your platform connect to third-party regulatory content providers (e.g. Chemwatch)? Can compliance data be exported to BI platforms or internal reporting tools via APIs?
Security, auditability & user permissions (2%)	How granular is your platform's access control system? Can it be configured by user role or region? Does your system log all user actions and data changes for compliance auditing purposes? What retention and back-up procedures are in place to ensure compliance and data security? How does your platform ensure compliance with data protection and export control laws?
Implementation flexibility & configurability (2%)	Can end-users configure workflows or forms without code or IT support? Does your system support global operations in terms of languages, time zones and site hierarchies? What is your typical implementation timeline and onboarding process? What in-product tools are available for self-service support, training or sandboxing?
User interfaces (2%)	What is the usability/user-friendliness of the enterprise app interface? This includes mobile functionality [This will be assessed by Verdantix in the demo]. Do you offer any accessibility functionality? How many languages are offered out of the box? Can users easily switch to other measurement metrics? In what ways do you engage customers with regard to obtaining user feedback/strengthening user experience? What methodologies do you use to ensure that user experience is considered in your software design?
BOM & product structure management (20%)	How does your platform manage multi-level product structures or nested BOMs? Can your system handle and validate homogenous material declarations? How does the platform support version control and change impact analysis of BOMs? How does your system integrate product data from PLM/ERP platforms in real time? Does your system revalidate compliance when BOMs are updated or changed?
Chemical inventory & hazardous substance management (5%)	Can your platform track chemical inventories in real time? How does your platform manage chemical classifications under GHS and other regimes? (Please list all covered regimes.) Can your system monitor regulatory volume thresholds and trigger alerts? Does your solution support tracking and documentation of hazardous waste disposal? Can compliance be managed on a per-site or per-country basis within the system?
Documentation & label generation (5%)	Can your platform manage SDSs in multiple languages and formats? What types of SDS and compliance labels can your platform generate? Can your solution generate and maintain submission-ready files (e.g. SCIP, TSCA)? How are compliance documents versioned, approved and controlled within your system? Are documents and labels automatically updated if a regulation changes?
Supplier data management & compliance assurance (20%)	What features are available to request and track compliance data from suppliers? Which data formats can your platform ingest from suppliers (e.g. IMDS, IPC-1752A)? Can your system score supplier data quality and highlight missing information? Can your platform store and manage supplier-provided compliance certifications? How does the system identify high-risk suppliers, regions or substances?
Product compliance analytics & reporting (15%)	What types of dashboards are available to visualize compliance by product or site? Can your solution track substance usage by volume, regulation and geography? How are non-compliance exceptions and overdue compliance tasks tracked? Does your platform provide built-in reports for internal and external audits? Can users set alerts or KPIs based on product risk or regulation changes?
Regulatory content & rule management (15%)	Which global regulations does your platform natively support (e.g. REACH, TSCA, RoHS, GHS)? How frequently is your regulatory content updated and what sources are used? Can your system automatically identify applicable regulations based on product composition and geography? Does the platform allow users to create and maintain custom regulatory rules? How does your platform scan for and alert users to upcoming regulatory changes? Are probability scores or forecasting tools available for proposed changes? How does the platform track changes to regulatory content and apply them across the product portfolio?
Emerging & specialized compliance areas (10%)	Does your platform support the generation or integration of DPPs? Can your platform export/import data in IPC-1752 or similar standardized formats? How does your platform support PFAS identification and reporting within the supply chain? Can it track PFAS by region (e.g. US state level)? Are PFAS removal or restriction actions supported? Does your platform support reporting under the Stockholm Convention on POPs? Can it manage country-specific POPs implementation tracking or replacement planning? Does your platform cross-reference products against California Prop 65 substances?
Figures in brackets represent the weighting given to each criterion in the flexible multi-criteria model that generates the Green Quadrant graphical analysis	

Source: Verdantix analysis

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Figure 5

Momentum criteria for product compliance software

Criteria & weighting	Questions
Market vision & business strategy (10%)	What is your vision for how the product compliance market will evolve over the coming 2-3 years, and your vision for your firm in that evolution (considering industries, geographies, revenue-size customers, functional budget-holders, functional solutions, etc.)? How do you intend to achieve the vision? What is your firm's strategy to meet the needs of your target customers over the next 2-3 years? How have you invested or made decisions to respond to this vision? What analysis and studies have you completed to assess this vision?
Product strategy (15%)	What is your firm's product strategy for the next 2-5 years? How are you identifying in-demand new product features to build? What is on your 12-month product roadmap? How are you incorporating AI capabilities into your product? How many FTEs with formal AI capabilities worked on your product compliance solution in the last calendar year? Please be sure to specifically identify where AI is involved.
Innovation process (10%)	What is your firm's strategy when it comes to R&D investment allocations to support long-term viability and maintain competitive advantage(s)? Please feel free to detail percentage of revenue invested in R&D and/or percentage of R&D invested in new product development, or other metrics, to demonstrate re-investment into new product development. What is your firm's innovation framework and strategy? Comment on whether your firm has global innovation hubs or runs hackathons and other initiatives. How frequently do you update the product?
Organizational resources & growth (10%)	How many employees work on product compliance? (If resources are shared, estimate as FTEs; e.g. 2 developers who work on this product and another equal 1 FTE.) (Please note that Verdantix will also collect data from LinkedIn to support the assessment.) How many employees (in FTEs) worked on product compliance 12 months ago? What has been the change in employees? (Please note that Verdantix will also collect data from LinkedIn to support the assessment.) In how many/which countries does your firm have a permanent office? Name these countries. (Verdantix defines an office as a location with a minimum of 10 employees.)
Financial resources (10%)	Have you received any funding over the last 3 years, e.g. public, capital markets? (Please note that Verdantix will also collect data from sources such as Crunchbase, LSEG and Pitchbook to support the assessment.) How is the funding owned? (Please note that Verdantix will also collect data from sources such as Crunchbase, LSEG and Pitchbook to support the assessment.) What were your firm's annual revenues for your most recent reporting year? What were your firm's revenues from product compliance software for your most recent reporting year? What percentage of your product compliance revenue was ARR in that period?
Revenue growth (10%)	By how much did your firm's total revenues increase or decrease in the most recent reporting year compared with the year prior? (If the most recent reporting year is unknown, please use previous years.) By how much did your firm's total revenues increase or decrease in the most recent reporting year compared with 5 years prior? (If the most recent reporting year is unknown, please use previous years.)
Customers (10%)	How many of your customers/accounts (not individual users) are using your firm's product compliance solutions? How many customers/logos have you added over the past 12 months? What percentage of the new customer wins were organic?
Brand preference (5%)	Assessed via LinkedIn
Deployment model (5%)	What proportion of your client implementations are deployed via public/private cloud? What proportion of your cloud deployments are multi-tenant vs private or single tenant?
Customer success (5%)	Collected from customer reference calls
Acquisitions (5%)	How many acquisitions have you made over the past 2 years? Please provide details of the acquisitions. What is your acquisition strategy in relation to product compliance software over the next 1-3 years?
Partnerships (5%)	How many formalized partnerships have you made over the past 2 years that contribute directly towards your product compliance software? Please provide details of the partnerships and the value this generates for your clients. (This includes partnerships with service providers, software resellers, cloud partnerships, etc.) Please outline any other relevant partnerships that generate value for your clients. (This includes partnerships with service providers, software resellers, cloud partnerships, etc.)
Figures in brackets represent the weighting given to each criterion in the flexible multi-criteria model that generates the Green Quadrant graphical analysis	

Source: Verdantix analysis

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Figure 6

Vendor category scores: capabilities

Capabilites	3E	Assent	Benchmark Gensuite	Compliance & Risks	HSI	IPOINT	SAP	Source Intelligence	Sphera	UL Solutions	Z2Data
System interoperability & integration	2.3	1.8	2.0	1.0	1.2	1.1	2.2	1.9	2.0	2.0	1.0
Security, auditability & user permissions	1.7	1.6	1.6	1.3	1.3	1.3	1.6	1.3	1.6	1.6	1.3
Implementation flexibility & configurability	2.0	1.6	2.0	1.2	2.0	1.0	2.2	2.0	2.1	1.6	1.5
User interfaces	2..3	1.7	2.0	1.0	2.0	0.3	2.0	1.3	2.0	2.0	1.3
BOM & product structure management	2.0	2.0	2.0	0.7	1.3	1.4	2.3	1.7	2.2	1.7	1.5
Chemical inventory & hazardous substance management	2.3	0.3	2.3	1.0	1.1	0.5	2.6	2.1	1.7	1.5	0.2
Documentation & label generation	2.0	0.8	1.9	0	1.4	1.0	2.0	1.6	2.3	2.3	0.6
Supplier data management & compliance assurance	2.0	2.7	1.9	0.4	1.5	1.0	2.1	2.3	2.1	1.9	1.8
Product compliance analytics & reporting	1.5	2.3	2.2	1.3	1.7	1.7	1.6	1.8	1.7	1.8	1.0
Regulatory content & rule management	2.8	2.4	1.8	1.7	1.5	1.2	2.0	2.2	2.0	2.4	0.6
Emerging & specialized compliance areas	3.0	1.9	1.7	1.7	0.7	1.0	1.7	2.3	2.0	1.5	1.7

Source: Verdantix analysis

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Figure 7

Vendor category scores: momentum

Momentum	3E	Assent	Benchmark Gensuite	Compliance & Risks	HSI	IPOINT	SAP	Source Intelligence	Sphera	UL Solutions	Z2Data
Market vision & business strategy	2.0	2.0	2.5	2.0	1.5	2.0	2.0	1.5	2.0	2.5	2.0
Product strategy	2.5	2.5	2.5	1.5	1.5	2.0	2.5	2.0	2.5	2.0	1.5
Innovation process	2.0	2.4	2.4	1.7	1.7	1.4	2.7	1.1	2.3	2.0	1.7
Organizational resources & growth	2.3	2.0	1.7	1.0	1.7	1.0	2.0	1.0	2.0	1.7	1.0
Financial resources	2.2	2.6	1.6	1.6	2.0	1.2	2.4	1.2	2.6	2.4	1.2
Revenue growth	2.0	1.8	2.5	1.8	1.3	2.0	1.8	2.3	2.0	1.3	2.5
Customers	2.0	2.0	1.0	1.0	2.0	2.0	1.5	1.0	2.0	2.0	2.0
Brand preference	2.0	3.0	2.0	2.0	2.0	1.0	3.0	1.0	3.0	3.0	2.0
Deployment model	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Customer success	2.0	2.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	1.0	2.0
Acquisitions	2.5	1.0	1.5	1.0	1.5	1.0	1.0	1.5	2.0	1.0	1.5
Partnerships	2.5	2.0	2.0	1.5	1.0	1.0	2.0	1.0	2.0	1.0	1.5

Source: Verdantix analysis

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Figure 8

Green Quadrant for product compliance software 2025



Capabilities

This dimension measures each provider on the breadth and depth of its product compliance solutions across 11 capability areas, as outlined in **Figure 4**.

Momentum

This dimension measures each provider on 12 strategic success factors, as outlined in **Figure 5**.

Source: Verdantix analysis

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3E overview

Information

Founded in 1988, 3E provides product compliance, supply chain and EHS-focused solutions. It leverages a robust global presence, world-class regulatory data, deep chemical and regulatory experience, and AI-powered workflows to help firms navigate product compliance and regulatory changes across their product portfolios. In 2023 3E acquired Chemycal, a regulatory monitoring and intelligence software platform, adding to its comprehensive regulatory content library and capabilities. 3E also offers ERC+ embedded regulatory content for SAP, with which it has a co-development strategic partnership.

Vendor info

Firm name	3E
Headquarters	Carlsbad, California, US
Employees	1,000+
Revenues	Not disclosed
No. of offices	12
Example customers	DuPont, HP, Merck

Customer regional presence

Asia	◔
Oceania	○
Europe	◕
Middle East and Africa	◔
Latin America and the Caribbean	◔
North America	●

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

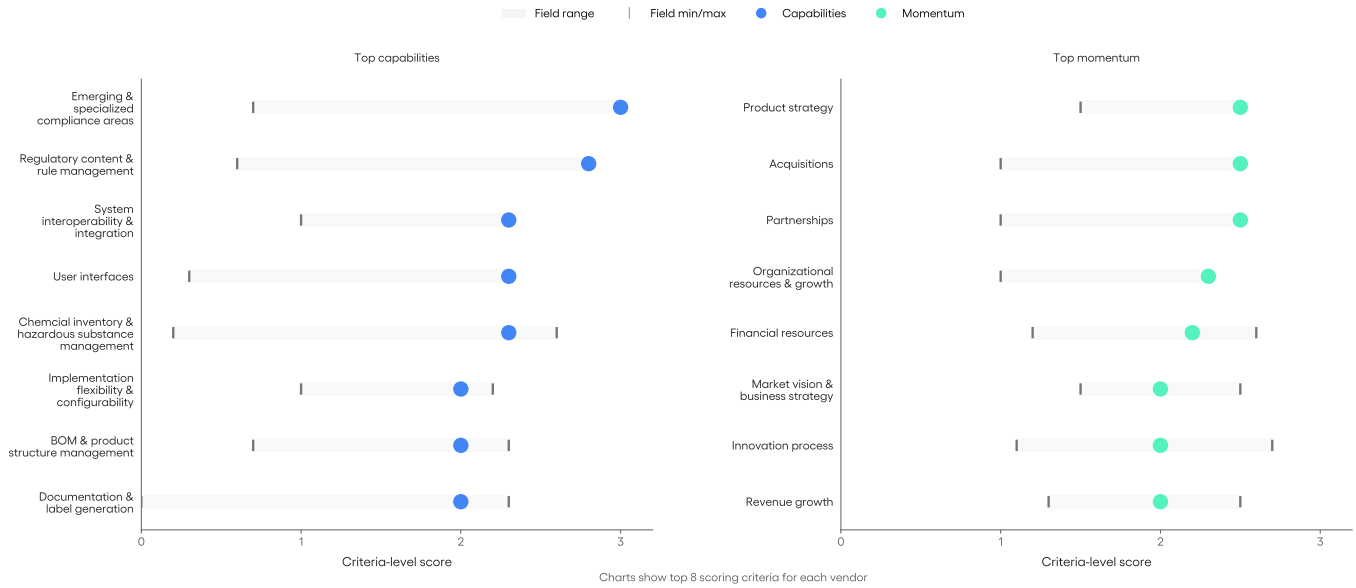
Top industry penetrations

Manufacturing

Chemicals

Pharmaceutical products

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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3E provides granular regulatory coverage for firms in high-risk industries

Based on the Green Quadrant analysis, Verdantix finds that 3E has:

- **Strong capabilities in regulatory content and rule management, and for emerging concerns.**
  3E's robust solutions and coverage enable firms to access granular, accurate and forward-looking information around regulations that impact compliance status. The vendor scored 2.8/3.0 for regulatory content and rule management, and 3.0/3.0 for emerging and specialized compliance – the two highest scores in these categories. These scores in part resulted from 3E's regulatory coverage across 150 unique jurisdictions, along with its daily updates and its multiple automated tools, such as for processing safety data sheet (SDS) metadata and for regulation horizon-scanning. Such tools help compliance teams act proactively to identify new product formulations and develop pre-market strategies.
- **Improvement opportunities within the supplier non-compliance area.**
  While 3E scored above average across all but one functional capability, the vendor's comprehensive capabilities may be overwhelming for firms looking for targeted solutions at a smaller scale. Firms that face only individual or small-scale product compliance issues, and are simply concerned with digitizing their product portfolios and potentially conducting supplier outreach, may find a better fit with a smaller vendor aligned with their requirements or industry vertical.
- **Ideal functionality for global, regulatory-impacted manufacturing firms.**
  3E is a best-fit provider for firms looking to consolidate and enhance their product compliance and related operations, thanks to its broad range of capabilities and significant industry presence. The vendor's suite of tools and strong interoperability capabilities allow businesses with diversified operations to consolidate all data in a single-source-of-truth platform, while allowing flexibility to link with other third-party systems.

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Assent overview

Information

Founded in 2010, Assent is a provider of supply chain sustainability services, delivering product compliance functionality via its core application, Assent Sustainability Manager, and its managed services team. Over the past two years, Assent has established several partnerships with organizations such as AWS and forward earth, to complement its supply chain focus with product compliance capabilities. Operating globally, Assent provides granular supply chain compliance capabilities across multiple industries with complex needs.

Vendor info

Firm name	Assent
Headquarters	Ottawa, Canada
Employees	1,000+
Revenues	>$100m
No. of offices	6
Example customers	ABB, Schneider Electric, Stryker Neurovascular

Customer regional presence

Asia	◔
Oceania	◔
Europe	◑
Middle East and Africa	◔
Latin America and the Caribbean	◔
North America	●

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

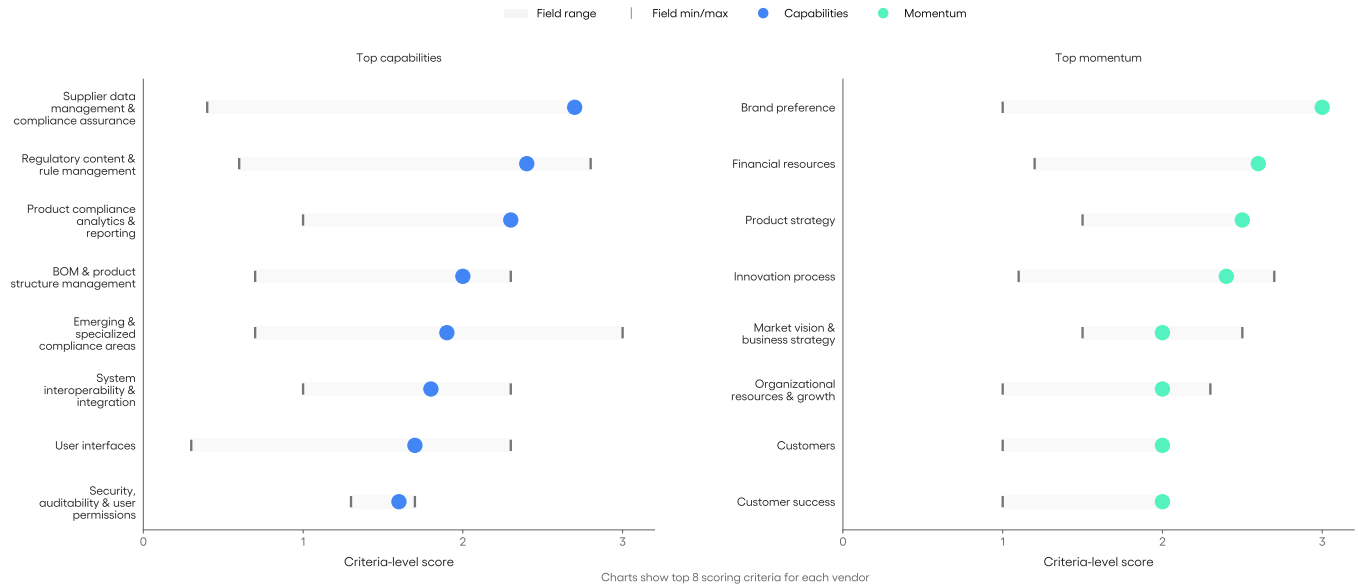
Top industry penetrations

Heavy machinery

Electronics

Misc manufacturing

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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Assent meets the needs of firms with complex supply chains facing regulatory challenges

Based on the Green Quadrant analysis, Verdantix finds that Assent has:

- **Strong capabilities in supplier data management and compliance assurance.**
  Assent scored the highest of all vendors for supplier data management and compliance assurance (2.7/3.0) and for product compliance analytics and reporting (2.3/3.0). The vendor's supplier portal – which benefits both compliance teams and suppliers – along with its AI-powered screening and monitoring, and full material disclosures (FMD) risk view, are powerful tools that enable even the smallest compliance teams to stay on top of important tasks. Assent's managed services team also effectively engages with suppliers, ensuring timely resolution of documentation, non-compliance and outstanding issues.
- **Weaker capabilities around EHS-focused chemical and hazardous use cases.**
  While the Assent platform performs strongly in supplier engagement and compliance analytics, it has limited depth in broader EHS domains such as real-time inventory tracking, hazardous chemical classification, and waste tracking and disposal compliance. Organizations whose core operations routinely engage with EHS-focused chemical and hazardous use cases may find the platform less comprehensive than some others.
- **Ideal functionality for mid-size and enterprise firms without large compliance teams.**
  Assent is particularly suited to mid-sized to enterprise-level manufacturing and consumer goods firms that face strict regulatory scrutiny, but lack large compliance teams. The platform's automation capabilities, ease of use and strong services package make it attractive to businesses aiming to quickly and efficiently scale their compliance programmes without heavy customization or IT dependency.

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Benchmark Gensuite overview

Information

Founded in 1997, Benchmark Gensuite provides a range of software solutions covering EHS, product compliance, ESG, risk, and supply chain management workflows. It boasts AI-forward development and strong platform capabilities around granular hazardous waste, chemical management and SDS workflows. The vendor has a strategic partnership with GIST, to help users evaluate environmental risks to suppliers. Vista Equity Partners executed a minority capital investment in Benchmark Gensuite in 2023, assisting the vendor's platform and module unification process.

Vendor info

Firm name	Benchmark Gensuite
Headquarters	Mason, Ohio, US
Employees	617+
Revenues	Not disclosed
No. of offices	7
Example customers	Amphenol, Takeda Pharmaceuticals, Whirlpool

Customer regional presence

Asia	◔
Oceania	○
Europe	◑
Middle East and Africa	◔
Latin America and the Caribbean	◔
North America	●

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

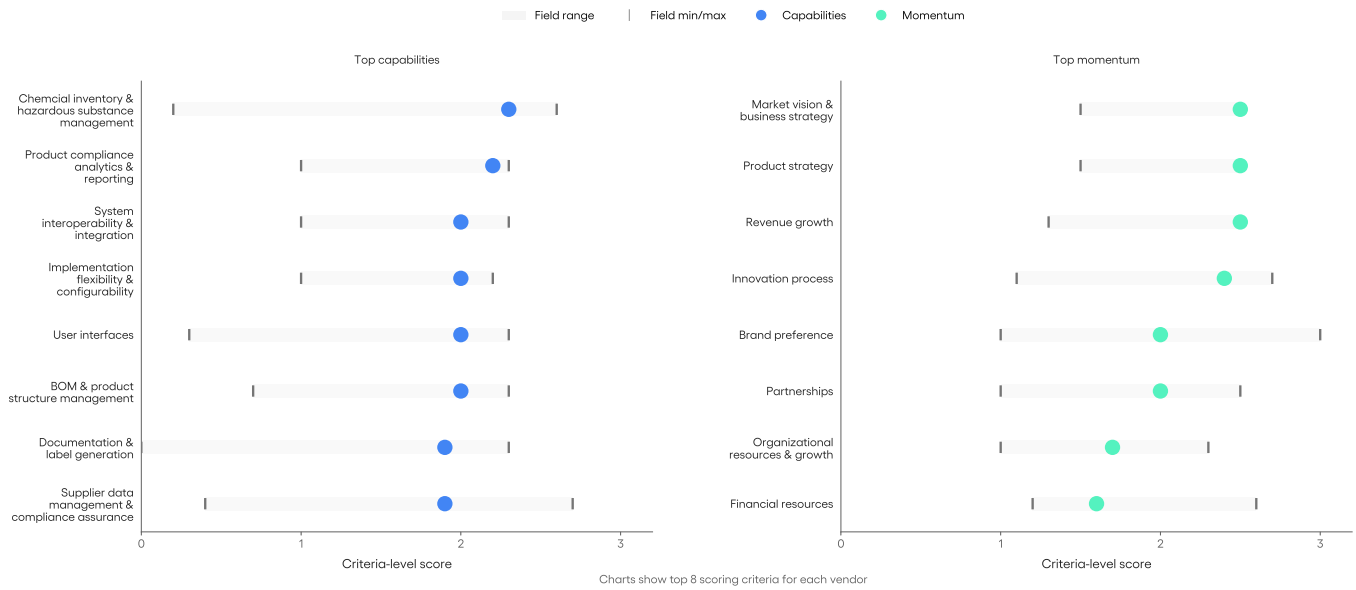
Top industry penetrations

Manufacturing

Wholesale and retail trade

Healthcare

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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Benchmark Gensuite offers a product compliance platform that draws on its strong EHS background

Based on the Green Quadrant analysis, Verdantix finds that Benchmark Gensuite has:

- **Granular chemical substance and documentation management capabilities.**
  Benchmark Gensuite scored 2.3/3.0 in the chemical inventory and hazardous substance management category – the joint second-highest of the vendors in this study. Its Inventory Management module enables firms to track chemical inventory down to the floor and container location, which is ideal for operations with large amounts of inventory. This is complemented by Benchmark's library of over 600,000 safety data sheets (SDSs), which are ingested via automated systems to capture additional data for regulatory compliance, in addition to standard safety requirements.
- **Adequate bill of materials (BOM) and regulatory content rule management.**
  Benchmark Gensuite scored around the average for regulatory content and rule management. While the majority of the vendor's regulatory content is updated on an annual basis, numerous regulatory lists are updated more frequently than that. Organizations seeking an agile regulatory partner may find the platform less suited to their needs than a more focused solution.
- **A forward-looking roadmap, with heavy emphasis on AI.**
  Benchmark's current platform is optimized for delivering insights in a rapid timeframe, as highlighted by its DXP Data Integrator – a self-service portal for defining, configuring, mapping and executing complex workflows, while providing real-time status. The platform is enhanced by AI capabilities, including a virtual AI assistant, Genny. Benchmark's roadmap aims to deploy AI further, and to incorporate future agentic features, for specific use cases such as data acquisition, supplier surveys and engagement. Mid-sized to enterprise-scale firms will find the vendor uniquely suited to assist with escalating compliance requirements.

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Compliance & Risks overview

Information

Founded in 2002, Compliance & Risks is an ESG and regulatory software vendor covering aspects of product and chemical compliance. The vendor leverages a comprehensive regulatory database with advanced technologies to provide up-to-date information on regulatory changes globally. It has partnerships with organizations such as Ashurst, Cooley, ECD Compliance, Kennedys Law LLP and RINA, to provide expert insights to their clients. Compliance & Risks received investment from Luminate Capital Partners in 2021.

Vendor info

Firm name	Compliance & Risks
Headquarters	Cork, Ireland
Employees	150
Revenues	Not disclosed
No. of offices	3
Example customers	Apple, Bosch, Google

Customer regional presence

Asia	◑
Oceania	○
Europe	◕
Middle East and Africa	○
Latin America and the Caribbean	◔
North America	◕

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

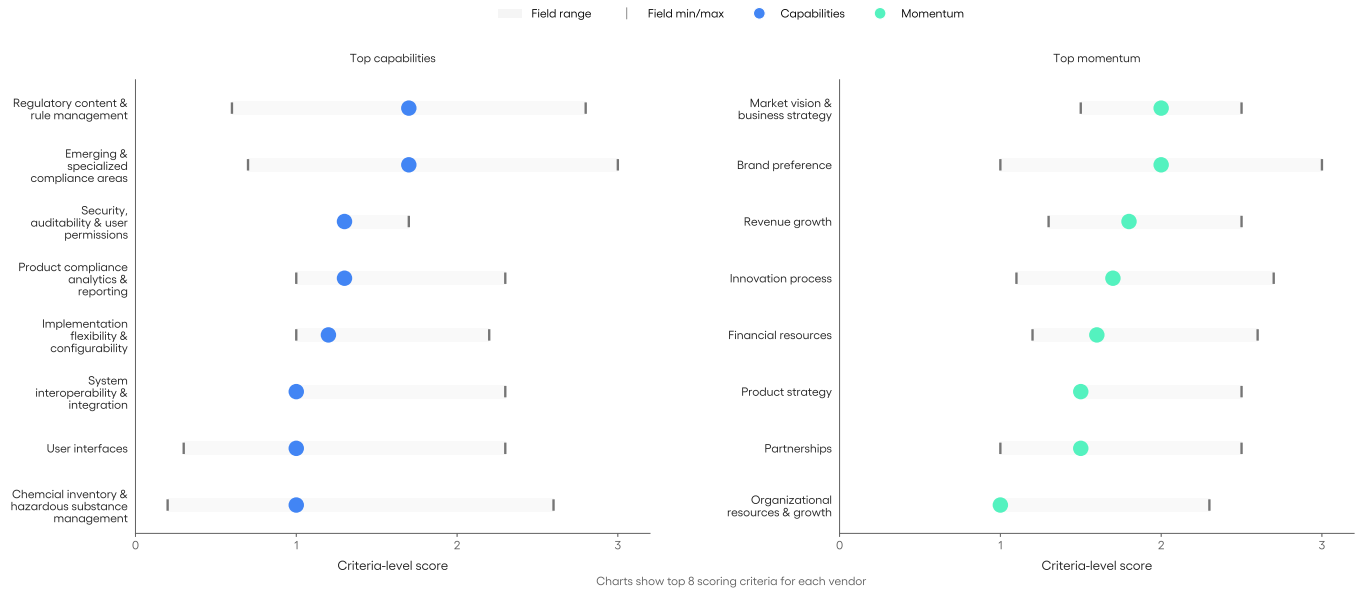
Top industry penetrations

Manufacturing

Wholesale and retail trade

Business services

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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Compliance & Risks supports manufacturers through detailed regulatory coverage for current and future compliance areas

Based on the Green Quadrant analysis, Verdantix finds that Compliance & Risks has:

- **Satisfactory regulatory forecasting tools that can assist with future planning.**
  Compliance & Risk's C2P Platform, which scored 1.7/3.0 for regulatory content and rule management, updates information daily and leverages various AI models and tools to both identify and forecast regulations that may impact firms' operations. These tools can align probability scores with proposed regulations, helping users determine which changes are most likely to pass. Users can tailor real-time alerts for regulation shifts by regulatory topic, product type and region.
- **Weaker capabilities outside of the regulatory compliance use case.**
  While the platform performs strongly in regulatory compliance and risk workflows, it has limited depth in broader product compliance domains such as supplier engagement and bill of materials (BOM) and product structure management. Organizations with diversified product, part and supplier management needs beyond the manufacturing sector may find the platform less comprehensive compared with dedicated product and supplier compliance solutions.
- **Ideal functionality for firms in highly regulated manufacturing-related industries.**
  Compliance & Risks is particularly well-suited to manufacturers in the enterprise-level to upper-mid-sized band that face strict regulatory scrutiny and already have dedicated supplier engagement and chemical management solutions. The platform's intuitive user interface (UI) and automated regulatory compliance functions make it a desirable solution for firms aiming to manage and analyse their compliance rapidly, with minimal inconvenience.

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HSI overview

Information

Founded in 1977, HSI is an EHS- and ESG-focused software vendor offering product compliance capabilities in conjunction with its larger offerings. Initially an emergency care and workplace safety training solution provider, it has leveraged strategic acquisitions – such as of Skillko (2024) – along with internal development, to evolve its offerings. Waud Capital Partners, a private equity firm, backs HSI, and Neuberger Berman has invested a minority recapitalization in it within the past three years.

Vendor info

Firm name	HSI
Headquarters	Frisco, Texas, US
Employees	550
Revenues	Not disclosed
No. of offices	4
Example customers	Besix, Con Edison, PepsiCo

Customer regional presence

Asia	◔
Oceania	◔
Europe	◔
Middle East and Africa	◔
Latin America and the Caribbean	◔
North America	●

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

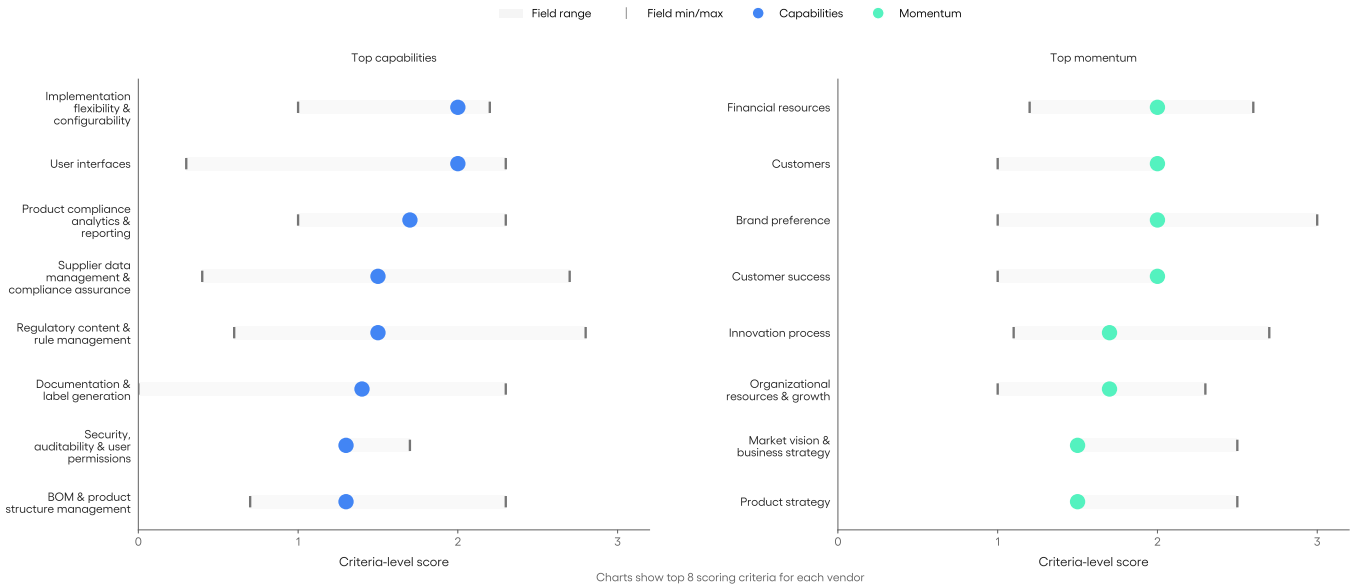
Top industry penetrations

Manufacturing

Business services

Technology, media and telecommunications

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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HSI provides a modular no-code platform that handles unique product compliance analytics and reporting workflows

Based on the Green Quadrant analysis, Verdantix finds that HSI has:

- **Deep interlinked capabilities to support reporting operations and risk-flagging for chemical hazards.** Scoring 1.7/3.0 for product compliance analytics and reporting, HSI's no-code development framework ensures that teams with lower IT functionality can rapidly interlink and execute on reports. With robust EHS capabilities – a direct product of the vendor's EHS heritage – linkages between chemical and supplier modules allow for direct tagging and metadata flagging for proactive risk management.
- **Weaker capabilities in bill of materials (BOM) and regulatory rule management.** While the platform performs adequately in terms of documentation and compliance reporting, it has limited depth in broader product compliance and regulatory workflows. HSI is, however, actively working on specific partnerships that have the potential to boost its scores in the regulatory requirements space in the future. Nevertheless, organizations with large volumes of products and parts within the discrete manufacturing or distribution industries may find the platform less comprehensive than other dedicated supply chain and product compliance solutions.
- **Ideal functionality for firms seeking an EHS-focused, forward-looking partner.** HSI particularly suits mid-market to enterprise-scale end-users in industries that do not heavily regulate, but which require additional EHS-focused safety capabilities. The platform's deep connections with its broader EHS modules enable end-users to approach product compliance through a safety lens, while the vendor's roadmap is set to allow them to build their product compliance capabilities alongside those of HSI. With strong plans for capabilities and partnerships, HSI represents a scalable partner for the future.

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IPOINT overview

Information

Founded in 2001, IPOINT is a Germany-based provider of software and services tailored for product compliance, sustainability and risk management. The vendor has expanded its partnerships and certifications, having obtained the Catena-X certification in 2021, and is integrating its modules into its Impact Intelligence & Product Stewardship platform. GRO Capital, a private equity firm, invested in IPOINT in 2021.

Vendor info

Firm name	IPOINT
Headquarters	Reutlingen, Germany
Employees	188
Revenues	Not disclosed
No. of offices	7
Example customers	Ford, Magna, Mercedes-Benz

Customer regional presence

Asia	◔
Oceania	○
Europe	●
Middle East and Africa	○
Latin America and the Caribbean	○
North America	◕

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

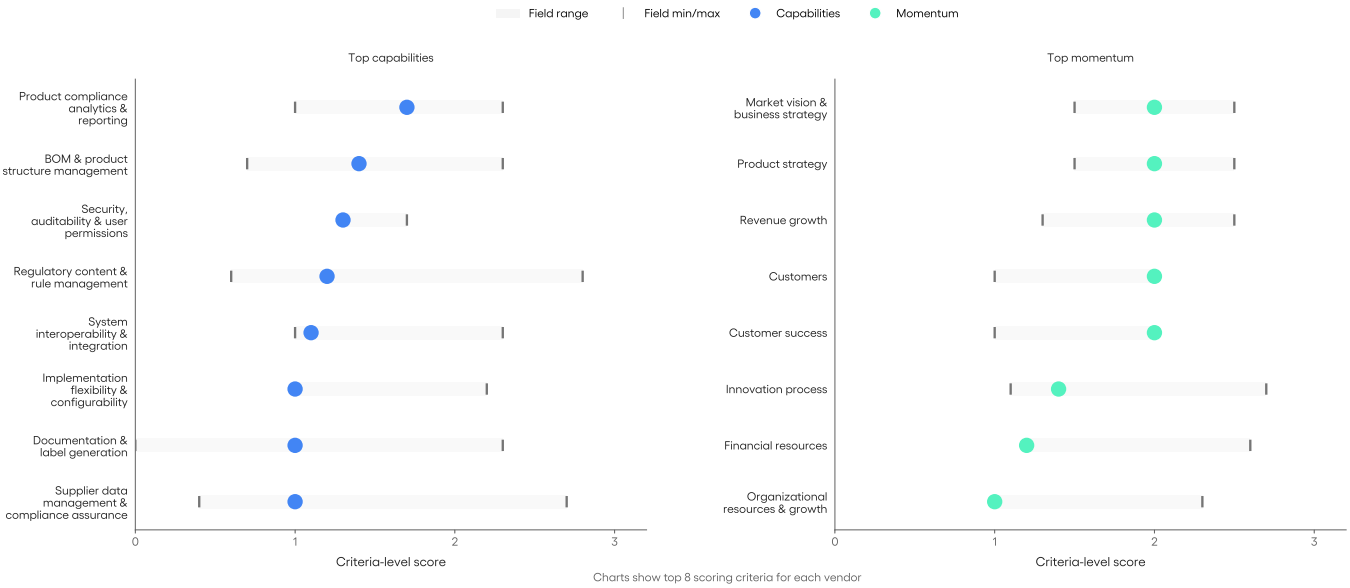
Top industry penetrations

Automotive manufacturing

Manufacturing

Transportation

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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IPOINT offers precise functionality for firms in the automotive industry

Based on the Green Quadrant analysis, Verdantix finds that IPOINT has:

- **Robust bill of material (BOM) capabilities, capable of handling large and diversified lists.**
  IPOINT received its highest scores (1.7/3.0 and 1.4/3.0) for its product compliance analytics and reporting and its detailed BOM and product structure management capabilities, respectively. The platform supports application programming interface (API) connections and direct imports, and leverages an internal engine to assess missing material declarations and suggest appropriate matches. Current customers manage upwards of 5,000 data sheets annually, and are able to apply bulk rule validation, scoring and dossier preparation across the platform.
- **Focus on material compliance for complex BOMs.**
  Given the vendor's heritage, target industries and unique value proposition, hazardous waste management is not a workflow its solution provides. However, the platform excels in delivering compliance intelligence and actionable insights, particularly for complex products and supply chains. It offers strong integration capabilities with EHS systems and supports real-time chemical inventory tracking through third-party solutions. For organizations seeking robust product compliance capabilities adjacent to EHS, the platform remains a solid choice, although it may not offer the same level of depth in waste management as solutions from vendors with a dedicated EHS background.
- **A strong roadmap, with plans for future capabilities and a redesigned user experience (UX).**
  IPOINT is currently undergoing a major UX/UI (user interface) and platform redesign, with the goal of providing the same granular capabilities to more industry verticals, while enhancing its sustainability functionality. Small to mid-sized manufacturing firms will find that IPOINT can meet both their current and future needs. The vendor's existing large portfolio of automotive manufacturing customers will appreciate its efforts to optimize and stay ahead of the curve in this industry.

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SAP overview

Information

Founded in 1972, SAP is an international software provider of ERP and other business function solutions, including EHS, supply chain management and product compliance software. The vendor has a global presence and substantial deployable resource availability, with a leading position in the market in terms of brand recognition. SAP also has a significant number of partnerships, which allow for rapid deployment, functional coverage and technical assistance.

Vendor info

Firm name	SAP
Headquarters	Waldorf, Germany
Employees	10,000+
Revenues	Not disclosed
No. of offices	100+
Example customers	Metabo, WestWood Kunststofftechnik, Wittenstein

Customer regional presence

Asia	◔
Oceania	◔
Europe	◕
Middle East and Africa	◑
Latin America and the Caribbean	◔
North America	◑

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

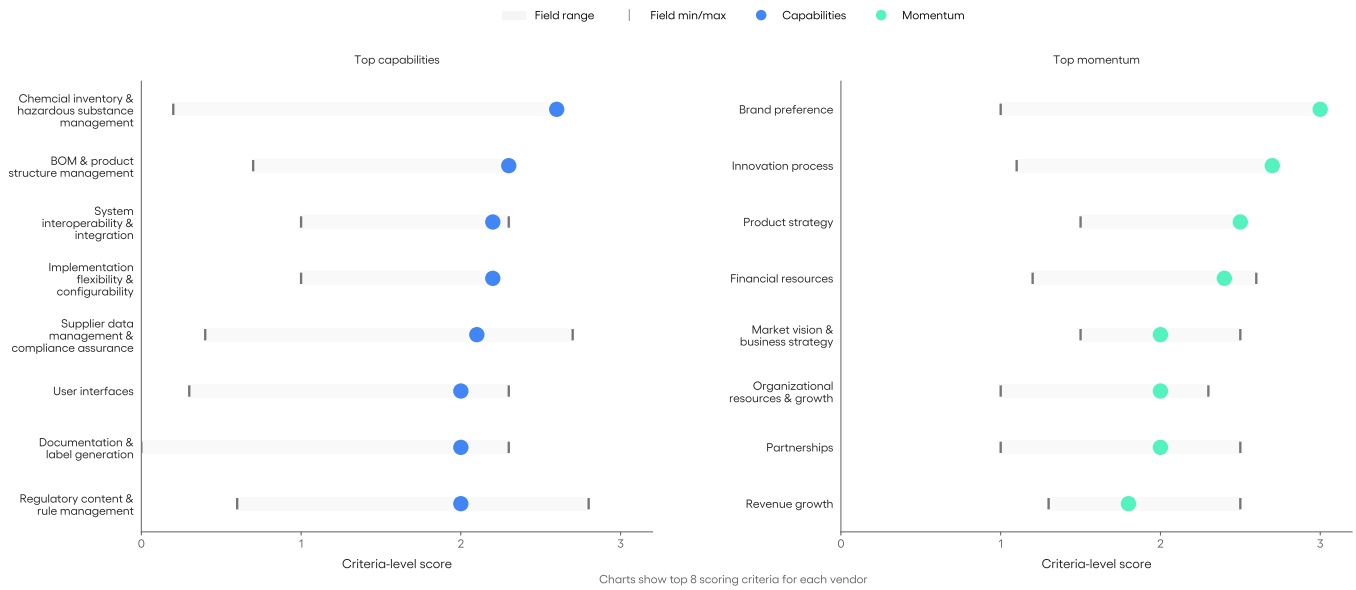
Top industry penetrations

Chemicals

Heavy machinery

Pharmaceutical products

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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SAP boasts a strong ERP system with comprehensive capabilities across chemicals and BOM management

Based on the Green Quadrant analysis, Verdantix finds that SAP has:

- **Rigorous management and product marketability analysis capabilities.**
  SAP brings its enterprise resource management experience to the forefront, scoring the highest of all vendors in the bill of materials (BOM) and product structure management, and chemical inventory and hazardous substance management categories, with 2.3/3.0 and 2.6/3.0, respectively. Direct integrations between its EHS, Purchasing, Materials Management, Inventory Management and other modules allow for the logging of discrete data point entries, impacting compliance checks across the system. This has the effect of eliminating data silos and streamlining processes. Overall, the solution's robust tracking and documentation capabilities ensure rigorous checking of hazardous substance impacts, from sourcing to disposal. Its market analysis functionality takes this a step further, for the benefit of users who are expanding or weighing regulations.
- **Somewhat limited capabilities around product risk and regulation change alerts.**
  While SAP provides a broad range of features, coupled with strong regulatory monitoring, capabilities for the direct creation of alerts or KPIs based on product risk or regulation changes are unavailable, due to the sources of the regulatory data. Nevertheless, the platform's wider systems – with direct integrations with business and task management processes – allows users to be notified when alterations occur.
- **Ideal functionality for enterprise-size, diversified firms looking for a growth partner.**
  SAP's market presence in the enterprise resource planning (ERP) software ecosystem makes it an ideal vendor for firms of enterprise scale looking to consolidate their disparate software solutions in one unified cloud-based platform. The vendor's robust financial position, strong roadmap – including AI features – and cross-module data connections ensure that it can continue to deliver value and solutions as product compliance challenges grow.

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Source Intelligence overview

Information

Founded in 2009, Source Intelligence is a provider of supply chain management software and managed services, with relevant product compliance assurance workflows. Source Intelligence's offerings support product compliance teams across collection, outreach, validating and reporting in firms operating in highly regulated and chemically dominant industries. The vendor is majority-owned by the private equity firm ParkerGale.

Vendor info

Firm name	Source Intelligence
Headquarters	San Diego, California, US
Employees	220
Revenues	Not disclosed
No. of offices	13
Example customers	Not disclosed

Customer regional presence

Asia	◔
Oceania	○
Europe	◑
Middle East and Africa	◔
Latin America and the Caribbean	○
North America	●

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

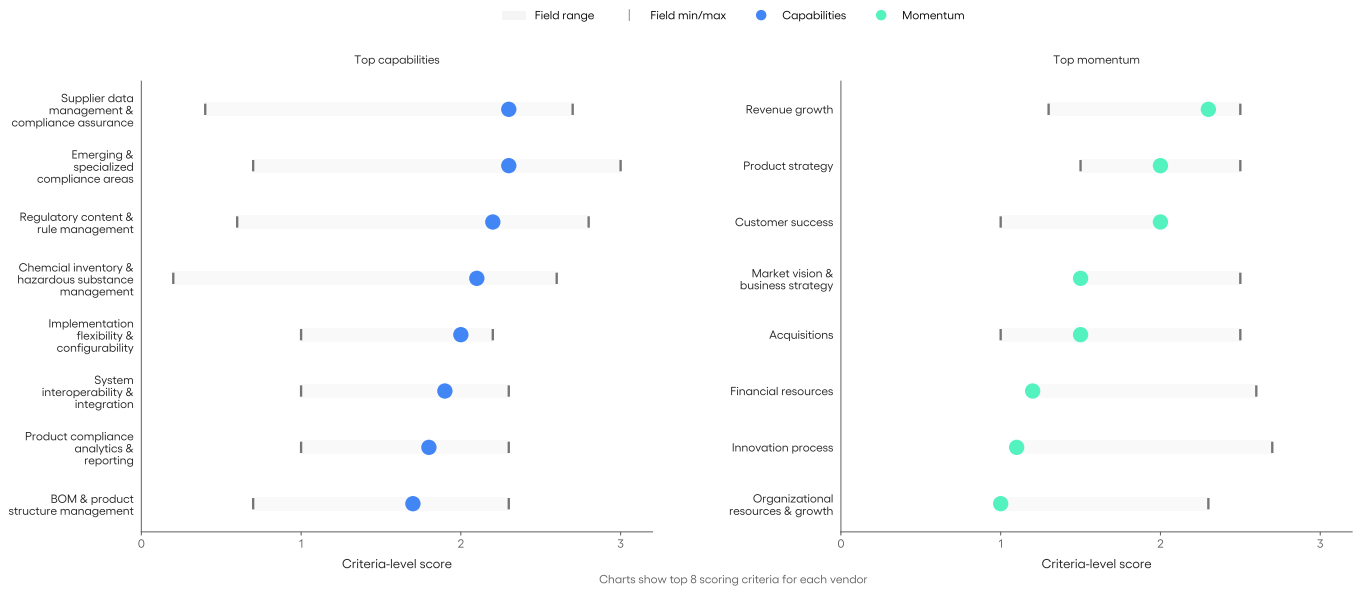
Top industry penetrations

Manufacturing

Wholesale and retail trade

Public administration

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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Source Intelligence provides flexible options for users seeking to overcome product compliance challenges

Based on the Green Quadrant analysis, Verdantix finds that Source Intelligence has:

- **Deeply integrated AI capabilities and a granular chemical-forward viewpoint.**
  Source Intelligence has built its software offering from a chemical basepoint, and evolves upwards to material, sub-part, part, and so on within its bill of materials (BOM) structure. This build point ensures comprehensive mapping of all regulations and can help streamline supplier compliance interrogatives. In addition, its platform has embedded AI functions and agents that streamline validation and queries from suppliers, as well as queries for alternative compliant materials. Further strengths are evident in the platform's support of extended producer responsibility (EPR), with over 230 EPR waste reporting and fee-paying schemes. The platform has strong capabilities around supplier engagement and assurance, with a score of 2.3 – the second-highest in this Green Quadrant – in this category.
- **Lighter capabilities around EHS-related operations.**
  The Source Intelligence platform is unable to author safety data sheets (SDS), although it can ingest them to build out its chemical and parts tree. Additionally, while its chemical-forward workflows excel at assessing compliance issues in a granular fashion, the platform is unable to map inventory at site level. Organizations that require direct SDS authoring or chemical-related safety operations may find this a blocker for deployment.
- **Ideal functionality for firms handling large amounts of diverse regulatory requirements.**
  Source Intelligence's offering is aimed at firms with diverse supply chains that must adhere to a global array of regulatory and voluntary reporting requirements. Its AI-forward, chemically and environmentally focused methodology is suitable for firms across the industrial manufacturing vertical, especially those anticipating growth and the accompanying compliance requirements.

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Sphera overview

Information

Founded in 2016, Sphera is a provider of sustainability, EHS, product compliance and supply chain management solutions. Offering enterprise-scale functionality via its SpheraCloud, BOMcheck, Chemical Inventory Management and Supplier Engagement platforms and modules, it has entered into targeted partnerships with regulatory content providers in the EU and APAC to strengthen its local coverage, as well as bolstering its functionality and coverage via its 2024 acquisition of SupplyShift. Sphera was acquired by Blackstone in 2021.

Vendor info

Firm name	Sphera
Headquarters	Chicago, Illinois, US
Employees	1,300+
Revenues	Not disclosed
No. of offices	13
Example customers	Baker Hughes, HORIBA, Total

Customer regional presence

Asia	◔
Oceania	◔
Europe	◕
Middle East and Africa	◔
Latin America and the Caribbean	◔
North America	●

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

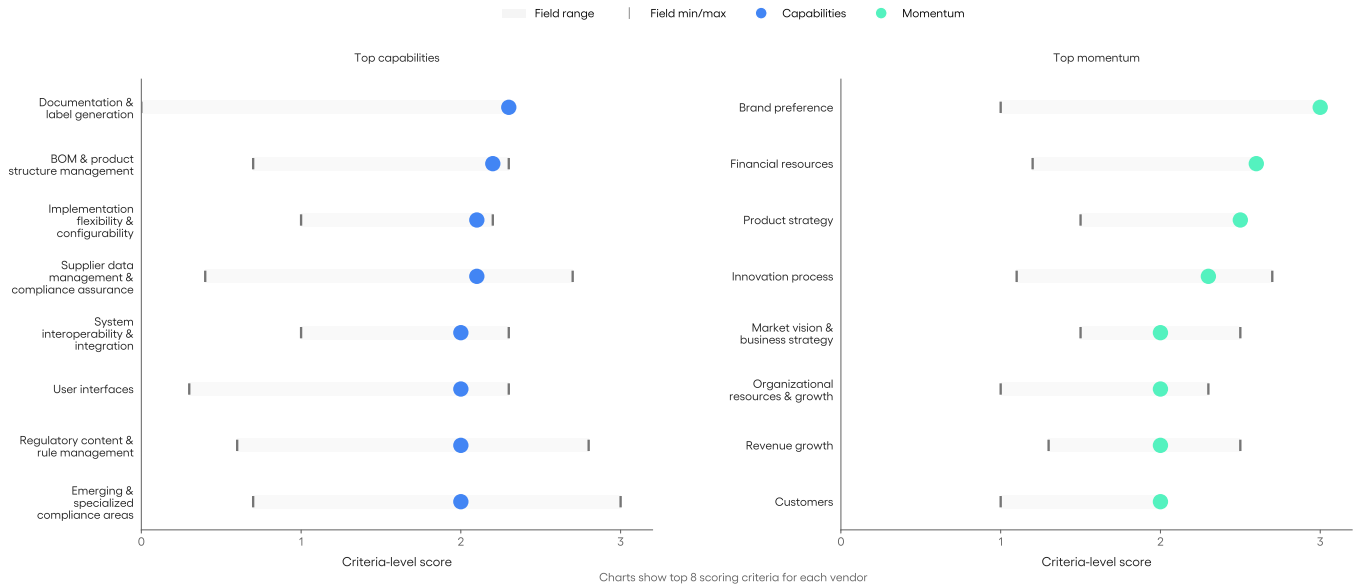
Top industry penetrations

Chemicals

Manufacturing

Technology, media and telecommunications

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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Sphera leverages cross-functional capabilities to deliver in-depth product compliance and supplier engagement tools

Based on the Green Quadrant analysis, Verdantix finds that Sphera has:

- **Deeply integrated sustainability metrics for supplier assessment and evaluation.**
  One of Sphera's highest capability scores (2.1/3.0) was awarded for its overlapping functionality within supplier data management and compliance assurance workflows. The system comprehensively checks bills of materials (BOMs) entered for chemical and regulatory compliance up and down the supply chain, and automatically rates and flags suppliers for inconsistencies or items of concern. Deepening its assessments of suppliers, Sphera's Supply Chain Sustainability (SCS) solution applies a product carbon footprint to system items, allowing end-users to view results through multiple lenses. The vendor's strong BOM capabilities and documentation and label generation functionality complement these processes by optimizing workflows and ease of use.
- **Lighter capabilities outside of supplier engagement and analytics use cases.**
  Despite the vendor's extensive capabilities across direct product compliance workflows and indirect EHS operations, it has some weaknesses in niche use cases, such as alerting users to chemical threshold exceedance. However, the platform and modules allow for real-time container inventory, and permit the authoring of chemical compliance documents at a global scale, including around transportation, poison centre notifications, and flavours and fragrances.
- **Unique functionality for sustainability-focused firms.**
  Sphera's capabilities are tailored towards firms that are subject to global regulatory schemes, require unique workflows and boast strong sustainability commitments. Customers with mature product compliance teams will find the platform's ease of use, automation capabilities and complex assessments beneficial for their operations. The vendor's strong EHS and ESG capabilities, in addition to its grounded roadmap, will provide continued advantages for end-users.

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UL Solutions overview

Information

UL Solutions, founded in 1894, has unified a broad array of software products into its ULTRUS platform over the past year. The platform now supports EHS, supply chain management and product compliance and sustainability workflows. Leveraged by firms globally, the vendor's diversified heritage has enabled it to build a robust platform to help firms address product compliance challenges.

Vendor info

Firm name	UL Solutions
Headquarters	Northbrook, Illinois, US
Employees	15,000+
Revenues	$2.9bn (2024)
No. of offices	140
Example customers	CHT Gruppe, Kroger, Rite Aid

Customer regional presence

Asia	◑
Oceania	◔
Europe	◑
Middle East and Africa	◔
Latin America and the Caribbean	◔
North America	●

% Customer base

○ 0% ◔ <10% ◑ 10%-25% ◕ 25%-50% ● above 50%

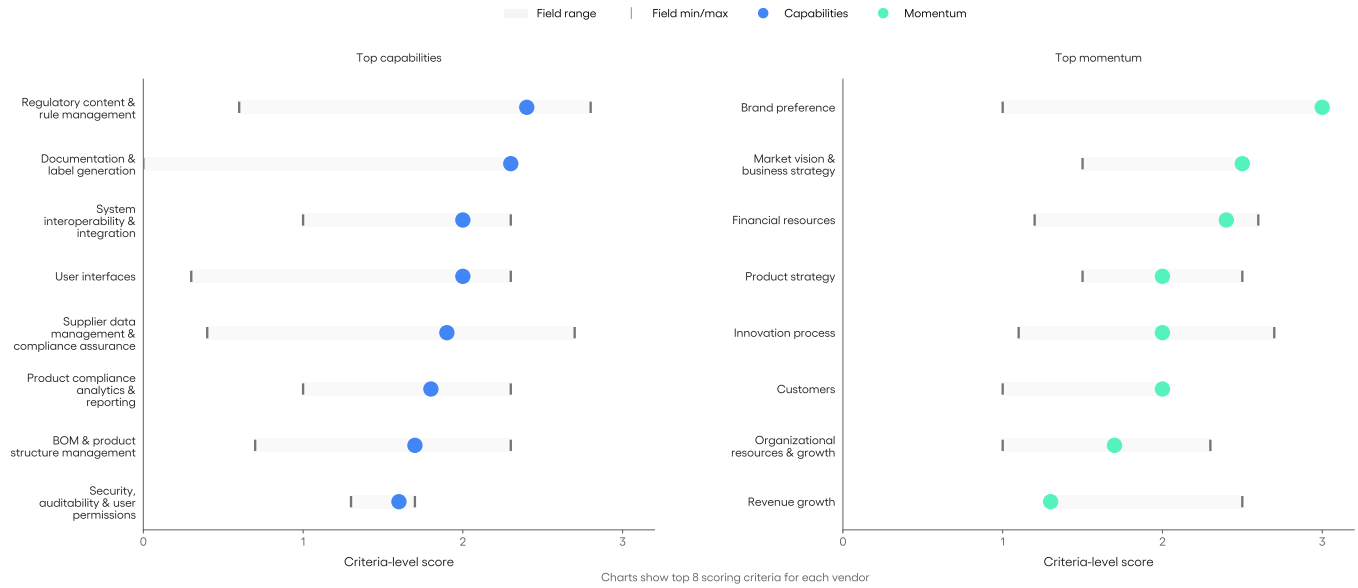
Top industry penetrations

Chemicals

Manufacturing

Electronic

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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UL Solutions offers granular regulatory coverage joined with strong documentation and analytics capabilities

Based on the Green Quadrant analysis, Verdantix finds that UL Solutions has:

- **A unified platform that allows for granular insights across all workflows.**
  UL Solutions's ULTRUS platform centralizes disparate workflows, allowing users to switch quickly between various evaluated functional capabilities. Beyond its modern user interface (UI), the platform is reinforced by robust data linkages, enabling a user to quickly identify non-compliant suppliers, analyse and generate safety data sheets (SDSs) or other documentation, track regulatory changes and map specific part or sub-part compliance. The vendor's large regulatory library includes global lists, as well as voluntary lists – such as non-profit-tracked, with over 8,000 in this category alone.
- **A platform that can meet complex compliance challenges, but may exceed some users' needs.**
  While the platform has detailed functionality across the full gamut of EHSQ-focused product compliance workflows, its level of detail and configurability may prove challenging to firms with less intense requirements. Organizations with needs that revolve primarily around supply chain verification and outreach may find the platform provides an excess of functionality better suited to users in heavily regulated industries.
- **Ideal functionality for large, multi-vertical manufacturing firms.**
  UL Solutions is particularly suited to firms at the upper-mid-sized to enterprise level in disparate manufacturing and wholesale and retail that face regulatory scrutiny and require a centralized platform for their workflows. Its data integration, interoperability and high levels of configurability make it attractive to businesses with unique and/or wide-ranging compliance requirements.

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Z2Data overview

Information

Founded in 2016, Z2Data is a provider of business intelligence, supply chain risk management, product compliance and supplier engagement software and managed services. Its solution portfolio and approach take a part-forward view, with a comprehensive library that categorizes over 1 billion parts. Self-funded, the vendor has acquired AMSYS, a German firm specializing in lifecycle management, obsolescence planning and compliance automation, with the goal of bolstering its complete product lifecycle coverage.

Vendor info

Firm name	Z2Data
Headquarters	Santa Clara, California, US
Employees	515+
Revenues	Not disclosed
No. of offices	5
Example customers	Omron, Palo Alto Networks, QSC

Customer regional presence

Asia	-
Oceania	-
Europe	-
Middle East and Africa	-
Latin America and the Caribbean	-
North America	-

% Customer base

0% <10% 10%-25% 25%-50% above 50%

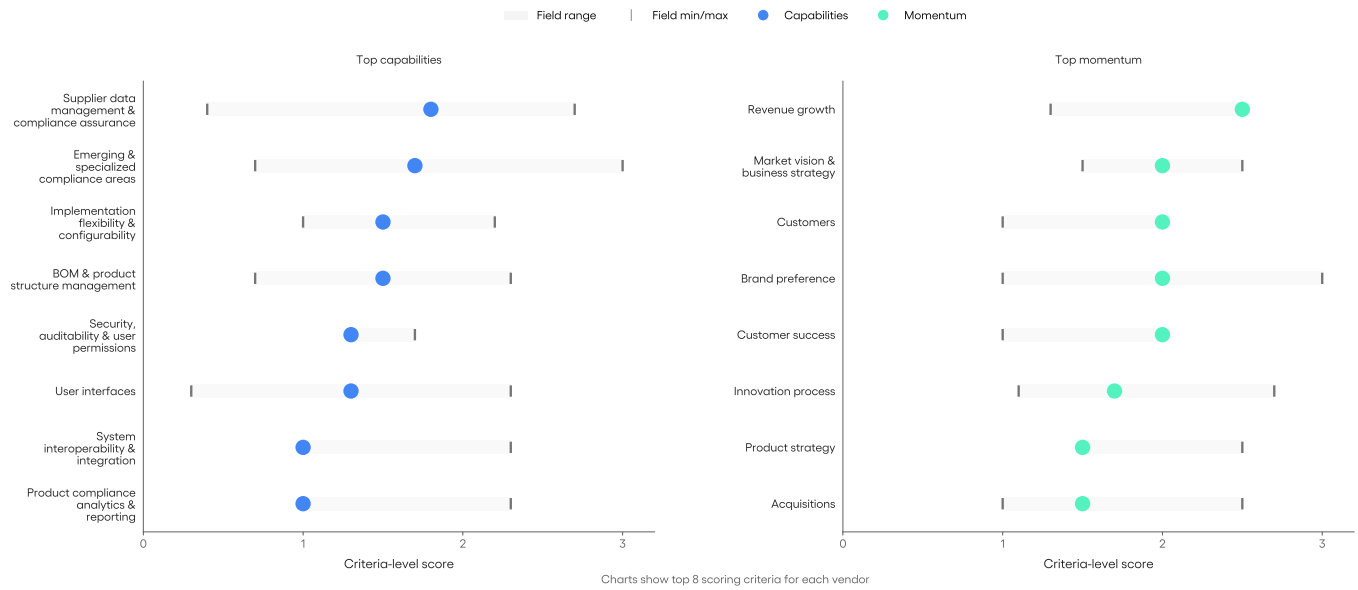
Top industry penetrations

Electronic

Heavy machinery

Medical devices

Performance vs Field (2025)



Charts show top 8 scoring criteria for each vendor

Note: See the main scoring figure for an explanation of the scoring framework.

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Z2Data supports end-users with detailed component and supplier management

Based on the Green Quadrant analysis, Verdantix finds that Z2Data has:

- **An expansive library of parts coupled with proactive supplier risk identification.**
  The vendor's library of over 1 billion parts, each with the relevant data around compliance and supplier attached, forms the basis of Z2Data's approach to compliance. The library eliminates a large part of the manual effort during onboarding: firms simply upload their bills of materials (BOMs) and the system immediately documents or matches the majority of their catalogues. This process is complemented by Z2Data's proactive risk evaluation of suppliers, which are categorized by product type, geographic location, historical data transparency and more, enabling quick assurance campaigns.
- **A focus on part compliance that may overshadow chemical and documentation generation.**
  While the platform is capable of ingesting safety data sheets (SDSs) for compliance and substance information, it does not itself generate SDSs or compliance labels, instead creating only compliance declarations or other customer documents. Furthermore, the system does not update these documents when regulations change. Firms seeking a vendor to cover these workflows – such as organizations dealing with high volumes of hazardous chemicals – may find the platform lacking in this respect.
- **Ideal functionality for electronic or manufacturing firms with small compliance teams.**
  Z2Data centres its offering around its software and services suite. Its strong managed services team is made up of numerous ex-industry subject-matter experts (SMEs) who execute on customers' campaigns, delivering compliance results and assurances without consuming clients' bandwidth. The vendor's dedicated electronic manufacturing solution is further tailored for end-users in that industry, providing a best-fit platform for that vertical's unique challenges.

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