

Smarter literature surveillance.

Smarter literature surveillance. Expert review. Faster safety workflows.

PrimeVigilance combines global literature surveillance expertise with ReTrans, an intelligent literature screening capability that supports faster review, automated translation, structured case submission, and stronger quality control.

Challenge



Literature surveillance is a critical safety activity, but it can be resource-intensive, time-sensitive, and difficult to scale across multiple regions, languages, journals, and product portfolios. Safety teams need to identify relevant articles quickly, reduce manual review burden, and maintain confidence that potential safety information is assessed accurately and consistently.

How ReTrans supports literature surveillance

ReTrans helps streamline literature screening by supporting automated translation, relevance assessment, and structured case submission workflows. Combined with PrimeVigilance expert oversight, it enables faster identification and processing of potentially reportable safety information while maintaining quality, traceability, and regulatory focus.

Key capabilities



Integration With Local Literature Screening Module

- ✓ **Automated Translation** – Instantly translate local literature for faster global processing.
- ✓ **Accelerated Screening** – Reduce manual review time with smart automation.
- ✓ **Eliminate Manual Tracking** – Automated monitoring removes the need for spreadsheets and manual logs.
- ✓ **Enhanced Quality Control** – System-supported checks streamline QC and improve accuracy.
- ✓ **Automation for Faster Screening** – Alerts and highlights help prioritize critical references quickly.



Automated Intelligence That Learns

- ✓ **Minimizes Manual Effort & Human Error** – Automates key steps in literature process for faster, more reliable workflows.
- ✓ **Smart Classification with NLP** – Automatically evaluates and categorizes references before human review, enabling focus on high-probability ICSRs and ensuring faster turnaround times.
- ✓ **Continuous Improvement via Machine Learning** – Learns from every correction to deliver increasingly accurate results over time.
- ✓ **Human in the Loop** – Combines automation and human oversight for scalable, high-quality literature monitoring.



Automated Case Submission

- ✓ **Generates R3 XML Files Automatically** – Eliminates manual file creation for case reporting.
- ✓ **Direct Submission via Gateway to safety database** – Enables seamless triage and case management without extra steps.
- ✓ **Reduces Manual Effort** – Cuts down repetitive tasks, freeing up valuable time for critical work.
- ✓ **Minimizes Risk of Errors** – Ensures accuracy during case booking and initial triage through automation.

Benefits for safety teams

Reduce manual screening effort

Accelerate review and triage workflows

Improve consistency across literature surveillance processes

Support multilingual surveillance requirements

Strengthen quality control and oversight

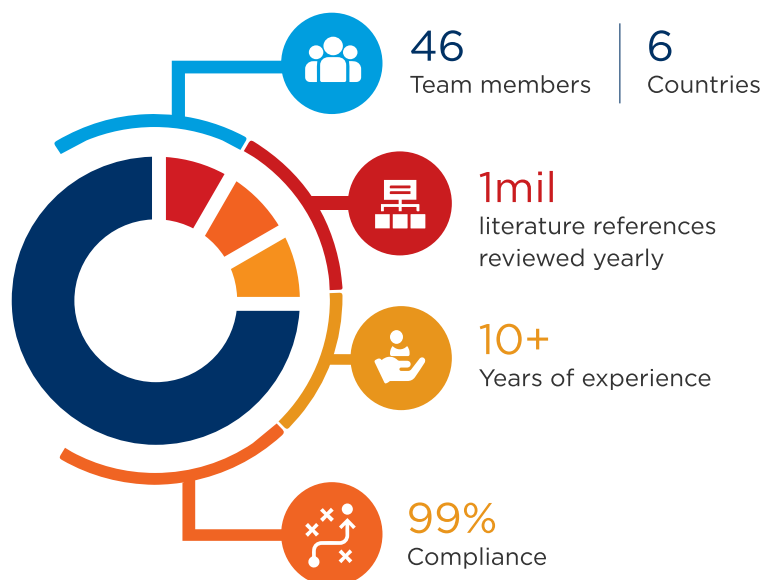
Scale literature monitoring without compromising compliance

ReTrans vs Other Literature Tools

Process	Other Tools	ReTrans
Integration with Embase	✗	✗
API Connection to PubMed	✓	✓
Natural Language Processing (NLP)	✗	✓
Machine Learning	✗	✓
Auto-assessment	✗	✓
Reduction in Manual Work	✓	✓
Access for both PVL and the Client	✓	✓
Duplicate Check	✓	✓
Randomized QC	✗	✓
XML Output & Automatic Sending of ICSRs	✗	✓
Local Literature Module	✗	✓
Automatic Translation	✗	✓
Robust Compliance & Audit Trail	✓	✓

Why PrimeVigilance

PrimeVigilance brings together pharmacovigilance expertise, global operational scale, local safety knowledge, and technology-enabled delivery. With ReTrans, our teams support clients in making literature surveillance more efficient, structured, and scalable — while keeping expert safety review at the center of the process



Ready to scale literature surveillance with expert-led, technology-enabled support?

Speak to PrimeVigilance about how ReTrans can help streamline literature screening, translation, case submission, and quality control.

 **PRIMEVIGILANCE**

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