

LifeSphere Intake & Triage

Automate the receipt of adverse event data to reduce case processing times

Transforming Pharmacovigilance

LifeSphere Intake and Triage is the only production-ready, cognitive computing-enabled platform for case receipt and triage available today that can integrate with any safety system. The solution simplifies safety case processing, leading to immediate and significant time and cost savings for marketing authorization holders.

Industry-Tested Automation Technology

Case processing is a resource-intensive activity for most life sciences companies. Powered by ArisGlobal's cognitive engine, LifeSphere Intake and Triage's robotic process automation and cognitive capabilities, including natural language processing and machine learning, have been developed based on key business challenges identified and prioritized in close coordination with experts from leading life sciences companies.

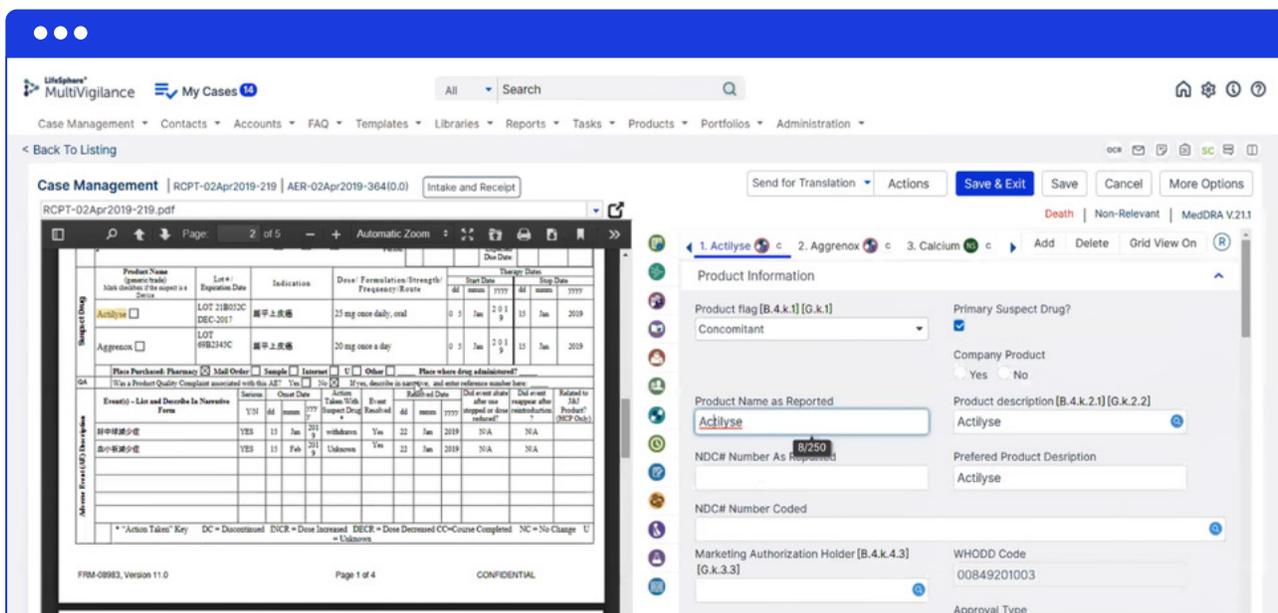
Automated Case Intake

Optical character recognition (OCR), robotic and cognitive automation technologies streamline and automate the intake of potential adverse event data from different structured and unstructured sources– email, fax, literature, mobile reporting – eliminating the need for manual data entry. Out of the box, customers will be able to use our deep learning framework to assess an incoming unstructured data source.

Automated Duplicate Check

LifeSphere Intake and Triage enables users to quickly identify duplicate cases, thereby reducing manual effort and saving considerable time and cost. The solution automatically assesses inbound source data and identifies potential duplicates that can be configured based on company-specific case conventions.

The screenshot displays the LifeSphere MultiVigilance web application interface. At the top, there is a navigation bar with the 'My Cases' menu and a search bar. Below the navigation bar, a breadcrumb trail shows 'Case Management' and 'Automation Review'. The main content area is titled 'Case Management' and shows a case ID 'RCPT-04Apr2019-252 | AER-04Apr2019-37310.01'. A 'Case Approval' button is visible. The interface includes a 'Case Workflow Tracking' section with a timeline of steps: 'Initial', 'Intake and Receipt', 'Translation', and 'Data Review and Correction'. Each step is marked as 'Auto Completed' with a green bar and a 'SYSTEM' icon. To the right, a 'Case Validity' panel lists various attributes: Patient, Event(s), Product(s), Reporter, Death, and Company Product(s). The 'Death' and 'Company Product(s)' items are marked with red circles, indicating they are not valid or are under review.



Automated Validity and Triage

Supported by our advanced automation features, case validity and triaging is carried out automatically, classifying incoming cases into initial, follow-up and duplicate cases.

Automated Coding

Coding of both drugs and event terms is automatically assessed using a company's product dictionary of choice as well as a company-specific list.

Automated Follow-Up

A revolutionary, automated process that optimizes identification of follow-up queries to reporter, tracking of queries, management of targeted questionnaires, and overall follow-up management.

Touchless Case Processing

Certain types of cases can be processed without or with limited manual intervention, delivering significant cost and time savings.

Smart Quality Check and Workflow Management

Users can view source data and source documents in a split-screen view to quickly compare and assess extracted versus reported information before passing the case to the next workflow step. A range of automated workload balancing and workflow management capabilities are customizable to business roles and needs.

Automated Narrative Generation

Advanced automation capabilities speed narrative generation, and a smart visualization method allows users to select or reject data required for a detailed and comprehensive narrative.

Machine Translation

LifeSphere Intake and Triage automatically detects and translates non-English documents received before downstream processing for nearly all languages.

For more information on LifeSphere, visit our website or contact us today.

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