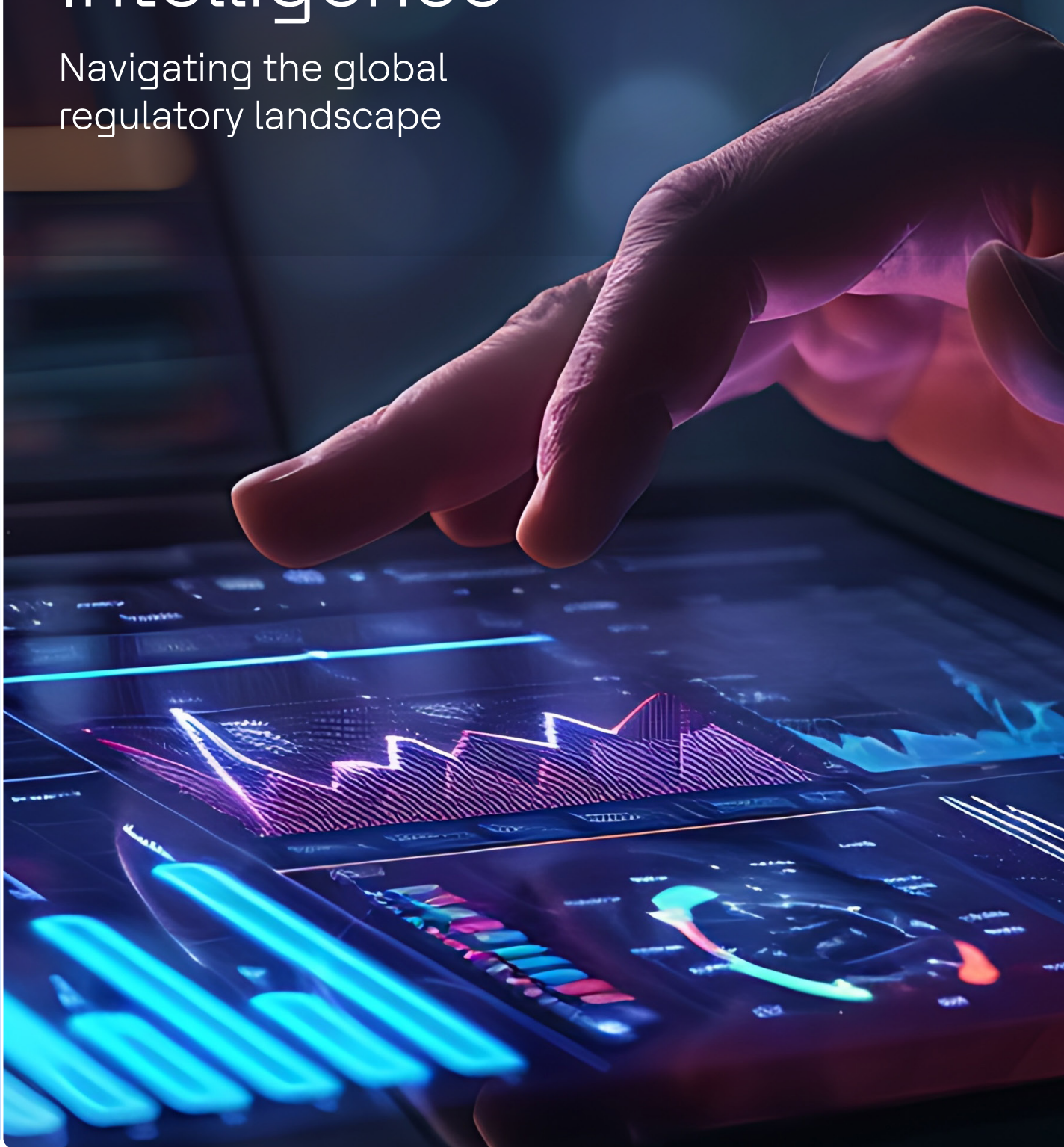


HCLTech Regulatory Intelligence

Navigating the global
regulatory landscape



Introduction

Navigating the global regulatory landscape poses significant challenges for organizations as they grapple with ever-evolving regulations, extensive manual processes and mounting administrative burdens. Compliance teams are often stretched thin, facing the dual pressure of ensuring adherence to complex requirements while managing resource-intensive tasks. These hurdles not only slow operations but also divert attention from strategic priorities critical to business growth.

Overview

HCLTech GenAI-powered Regulatory Intelligence solution aims to help organizations navigate this complex landscape by automating data collection, summarization and timely reporting. This allows organizations to stay ahead of regulatory changes efficiently and focus on strategic initiatives rather than manual, low-value tasks. It utilizes advanced GenAI capabilities, enabling two primary use cases:

- 1 Intelligent aggregation and automated summarization
- 2 Automated guideline comparison and summarization

By leveraging GenAI technology, our solution offers a comprehensive, automated approach to tracking and analyzing regulatory updates. With intelligent aggregation, accurate classification and advanced AI analysis, organizations can stay on top of regulatory changes with ease, saving time and resources while ensuring compliance.



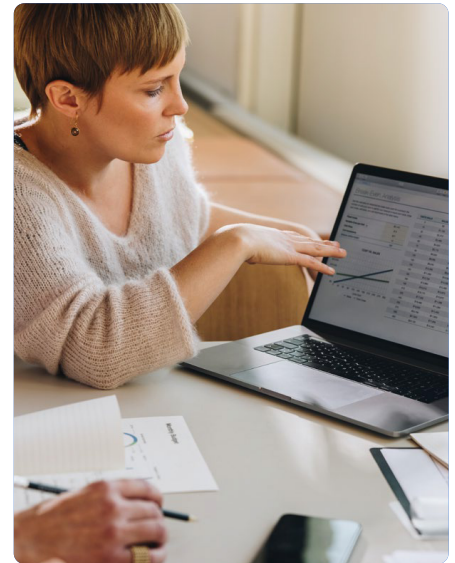


Use case 1: Intelligent aggregation and automated summarization

Tracking regulatory changes across various sources, including health authority websites, trial registries, company sites and news portals, is labor-intensive and error prone. Traditional methods demand significant manual effort to extract, classify and review data.

Our solution automates data collection from health authority sites, regulatory websites, trial registries and company news sources using web crawlers, APIs and RSS feeds.

It automatically extracts changes in regulations, guidelines and updates while filtering irrelevant information. AI-powered classifiers organize data by country, product, regulation type and topic for easy accessibility. The solution establishes context, identifies trends and performs gap and trend analyses, focusing on critical information. It also provides autogenerated intelligence reports, summarizing and highlighting changes in new guidelines, and delivering real-time alerts to clients via email.



Key feature

Autogenerated intelligence reports

Summarizes and highlights changes in new guidelines, providing comparative analysis and real-time alerts to clients via email

Automated analysis

Establishes context, identifies trends and performs gap and trend analyses, focusing on critical information

Efficient extraction

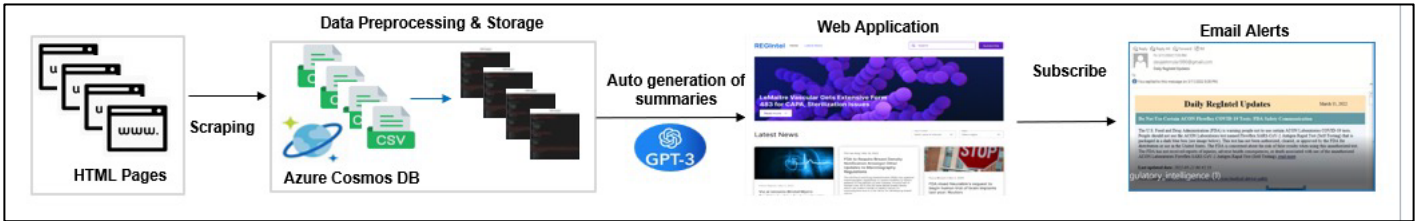
Automatically extracts changes in regulations, guidelines and updates, while filtering irrelevant information

Intelligent aggregation

Automates data collection from health authority sites, regulatory websites, trial registries and company news sources using web crawlers, application programming interface (API) and really simple syndication (RSS) feeds

Accurate classification

AI-powered classifiers organize data by country, product, regulation type and topic for easy accessibility

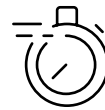


Benefits



Productivity

Increases productivity by 30-40% through streamlined data gathering and automated summarization



Processing time

Reduces time for data collection and processing by 35-50%



Enhanced efficiency

Increases efficiency by 36% with automated, smart data search and retrieval



Use case 2: Automated guideline comparison and summarization

Comparing extensive guideline documents and identifying changes is time-consuming and labor-intensive, often taking hours of manual work to create accurate summaries.

Our solution automatically compares new guidelines with previous versions to identify additions, modifications and deletions.

It provides section-by-section summaries of changes, highlighting updates and significant alterations. The solution also compares guidelines with internal SOPs to identify any gaps or areas of non-compliance, generating actionable insights.



Key feature

Guideline comparison

Automatically compares new guidelines with previous versions to identify additions, modifications and deletions.

Auto-summarization

Provides section-by-section summaries of changes, highlighting updates and significant alterations

SOP compliance check

Compares guidelines with internal SOPs to identify any gaps or areas of non-compliance, generating actionable insights



Benefits



Increased productivity

Boosts productivity by up to 40% by automating the guideline comparison process



Improved compliance

Identifies compliance gaps, supports robust regulatory strategies, and enhances adherence to regulatory requirements



Reduced processing time

Cuts time for data comparison and summarization by up to 50%, enabling faster response to regulatory changes

HCLTech | Supercharging Progress™

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