

HCLTech Smart Labeling

Transform your labeling
process with GenAI



Introduction

In the fast-paced world of pharmaceuticals, creating patient-friendly product labels is not just a regulatory requirement but a critical component of patient safety. Traditional label authoring methods are fraught with challenges:

Manual, time-intensive processes:

Converting the summary of product characteristics (SmPC) to patient information leaflets (PIL) is laborious and time-consuming

Complex regulatory requirements:

Navigating global health authorities' varied and evolving labeling requirements adds complexity

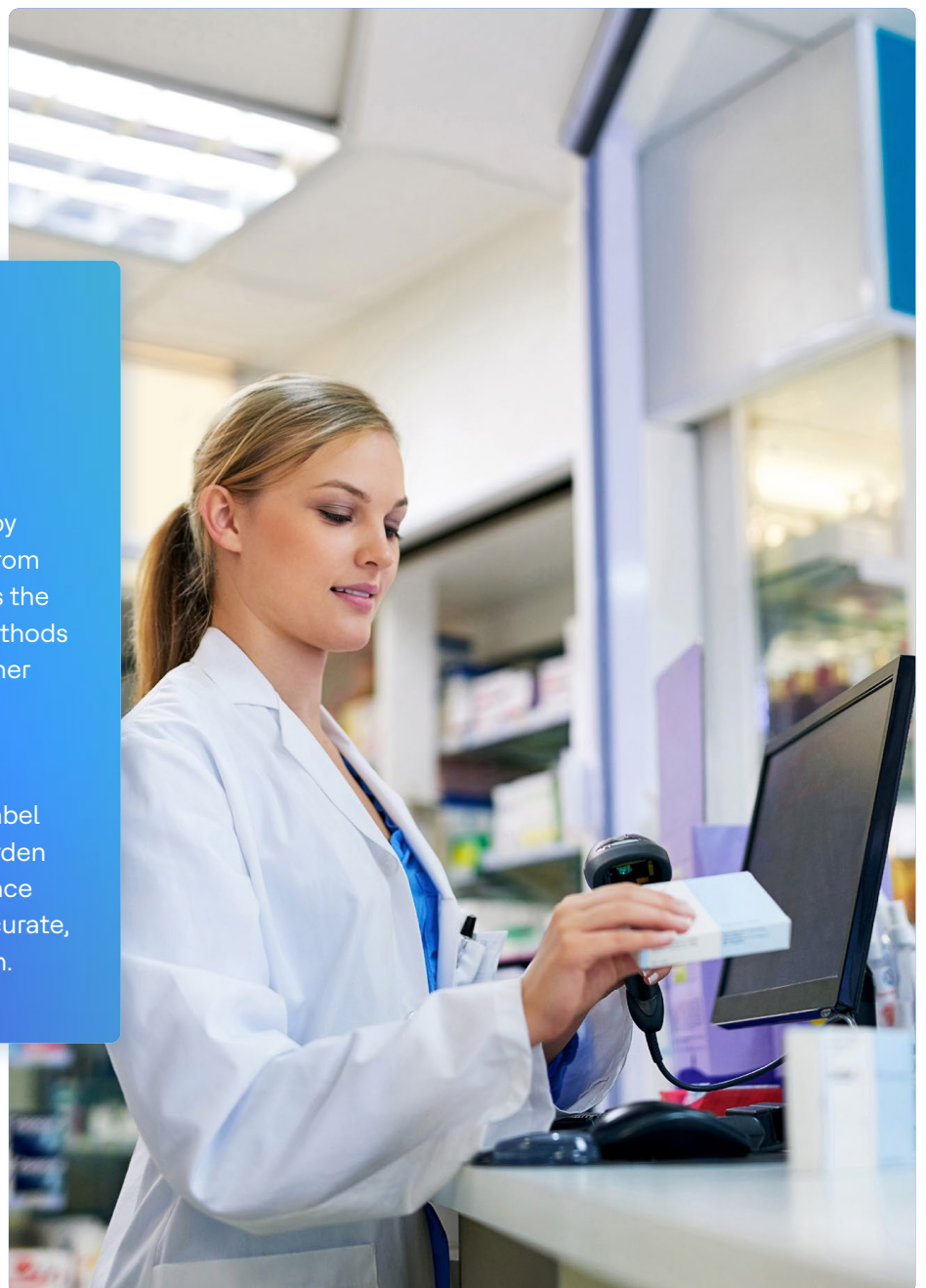
Inconsistent quality and reusability:

Variability in labeler experience and best practices leads to inconsistent content quality

Overview

HCLTech Smart Labeling solution, powered by GenAI, is an innovative technology that automates and enhances the development of PILs by extracting and converting content from the SmPC. This effectively addresses the challenges of traditional manual methods and this solution is adaptable for other similar use cases.

By implementing this solution, organizations can streamline their label authoring processes, reduce the burden of regulatory compliance and enhance patient communication through accurate, understandable product information.





Key features

Intelligent assimilation and storage

Our solution reads and analyzes each line from the SmPC document, storing the data in a structured, tabular format for streamlined processing

Smart mapping

It combines SmPC rows into coherent paragraphs mapped directly to the relevant PIL sections, providing an accurate, patient-friendly summary

Autogenerated PIL creation

GenAI extracts relevant sections from the SmPC and translates them into a quality review of documents (QRD) template in simple, patient-friendly language for the PIL

Efficient extraction

It leverages large language models (LLMs) to extract essential sections from the SmPC, creating a concise, informative foundation for the PIL

Benefits



Compliance

Achieve 100% compliance with timelines, maintaining over 60% improvements in market and regional regulatory adherence



Processing time

Reduce label update time by over 40%, accelerating time-to-market



Productivity

Increase productivity by more than 32%, allowing teams to manage higher workloads easily



Capacity management

Minimize unpredictable delays and facilitate better capacity planning for regulatory and labeling teams



Risk management

Ensure harmonized labeling across markets with consistent, accurate safety information

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