White paper

Accelerating Drug Development: The Power of Integrated Language Services within Thermo Fisher's Accelerator™ 360 Platform

A Unified Journey: From Molecule to Medicine, Powered by Translation

The drug development journey – from molecule discovery through global commercialization – is intricate, requiring seamless communication across operations, manufacturing, with regulators and Competent Authorities, and much of these communications are multi-lingual. Traditionally, Life Sciences organizations have managed translations through multiple Language Service Providers (LSPs), resulting in unnecessary hand-offs, lost time, fragmented technology, redundant contracts, inconsistent pricing, and variable quality standards.

Imagine a global drug development journey—spanning from early discovery labs to international regulatory submissions and commercialization — all under one unified framework. That's precisely what Thermo Fisher Scientific's **Accelerator™ Drug Development** platform delivers. It seamlessly combines CDMO and CRO capabilities under a single roof, offering end-to-end execution from early development to commercialization.

Now, at the heart of this integrated platform lies **PPD Translate**—Thermo Fisher's in-house, ISO-certified translation and language services designed to power global regulatory submissions & start-up, drug, device & diagnostic safety, post-approval services & more.

Translation Embedded in the Accelerator Ecosystem

1. Integrated Service Delivery

- **Regulatory Submissions & Clinical Trials**

  Clinical trial safety reporting requires case narratives, line listings, DSUR summaries, and regulatory filings in multiple languages. PPD Translate ensures high quality translation of these critical documents to comply with local authorities globally — supporting timely IND, NDA, or periodic report submissions.

- **Global Safety Reporting & Case Processing**

  Within Accelerator's pharmacovigilance layer, safety case intake from non-English speaking regions is seamlessly managed. PPD Translate handles translation of CIOMS forms, cover letters (e.g. Mandarin for China NHC submissions), and follow-up documentation—delivering high accuracy within strict timelines.

2. Speed, Quality, Efficiency

- **24Hour SLA for Safety Reports**

  Recognizing the urgency of safety documentation, Accelerator workflows are bolstered by PPD Translate's promise: sub-500-word ICSR translations delivered within 1 business day, ensuring no delays in case escalation or regulatory filing.

- **AI-Enhanced, ISO Certified Translation**

  With over a decade of clinical translation data, advanced translation memories, glossaries, and human QC integrated into the process, PPD Translate achieves a 99.7% success rate and ~40% faster turnaround, all while maintaining compliance to ISO 17100/18587/27001 standards.

How Integration Supports the Accelerator Advantage

Centralized Governance & Program Coordination

Accelerator's unified program management ensures translation requests—whether generated during clinical operations, safety governance, or regulatory filings—are tracked, prioritized, and executed without external handoffs.

Scalability & Global Reach

Accelerator supports scalability across time zones and geographies—from non English EU submissions to Asian regulatory filings. PPD Translate's global team across North America, EMEA, and APAC aligns with Accelerator's distributed clinical and manufacturing footprint, enabling round the clock service and language pair availability.

Risk Mitigation & Regulatory Compliance

Language-specific nuances bear high risk in pharmacovigilance and regulatory submissions. Integrated translation reduces error, prevents miscommunication, and supports critical compliance, aligning with Accelerator's goal of reducing operational inefficiencies and accelerating timelines through controlled oversight.

The Story in Action

Stage	Accelerator™ Component	Accelerator™ Component
Clinical Case Intake	Pharmacovigilance & Safety Reporting	PPD Translate fast-tracks non-English source intake (inbound), translating documents to English, enabling consistent medical review and regulatory filing
Safety & Regulatory Submission	Clinical Reporting & Regulatory Affairs	Timely translation into local languages (e.g. Mandarin, French), ensuring submissions like CIOMS forms meet local regulations
Global Trial Documentation	Clinical Trial Management & eTMF Filing	Narratives, line listings, protocol summaries are translated across regions, supporting synchronized documentation and audit readiness
Continuous Performance Monitoring	Governance & Data Analytics	Translated documents are integrated into metrics dashboards and governance materials, aiding executive review and quality assurance

Why This Matters

- **Accelerated Study Start-up:** Translation is not an afterthought—it's woven into manufacturing and CRO operations, regulatory submissions, labelling, etc. - managed via the same program governance framework.
- **Patient Safety and Compliance:** Accelerator's ability to integrate language conversion ensures safety events are not delayed or misconstrued due to translation — a critical factor in drug/device/diagnostic timelines.
- **Faster to Market:** By reducing vendor handoffs and linguistic silos, Accelerator plus PPD Translate contributes to drug development timeline reductions—reportedly up to 34 months faster to market with higher ROI. And then, once approved. Faster approval to launch and shorter timelines to maximum market penetration. Therapies to patients faster.

Summary

In the Accelerator™ Drug Development model, translation support isn't outsourced—it's fully integrated. From intake of non-English case reports, through global regulatory filings and safety database documentation, to clinical trial language management, **PPD Translate** and our industry-leading AI quality, speed, and global consistency. Seamlessly embedded in Accelerator's unified CDMO/CRO architecture, it drives efficient, compliant, and accelerated drug, device & diagnostic development across global geographies.

Together, we don't just break silos—we redefine development as truly global, multi-lingual, consistent, and accelerated.

For more information on how PPD Translate can support your clinical trial and post-approval commercialization efforts, please **contact** us today.