



BUSINESS

CASE STUDY

ABOUT US

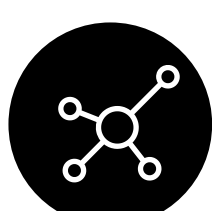
Frostrek LLP is an AI workflow delivery and operations company that enables enterprises, startups, and frontier AI teams to build reliable, production-ready AI systems through high-quality data services. We deliver data annotation, post-training, transcription, quality assurance, and managed AI workforce solutions with trained teams, enterprise-grade controls, and strict QA governance.

Enterprise Multimodal AI Data Solutions

Frostrek delivers AI training solutions across Computer Vision, Generative AI, Autonomous Systems, Speech AI, OCR, and Multimodal workflows while maintaining enterprise-grade quality and scalability.

OVERVIEW

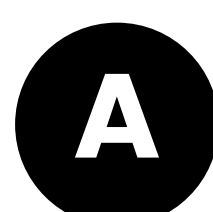
● AI Workflow Delivery & Operations



● 300+ clients served



● Computer vision, LLM & RLHF Programs



● Enterprise-grade QA & Workforce Management



OUR SOLUTION

Frostrek provides end-to-end AI data operations, including high-quality data annotation, RLHF, SFT, model evaluation, multilingual transcription, quality assurance, and managed AI workforce solutions. Through structured workflows, dedicated AI specialists, and multi-layer quality validation, we help enterprises build reliable, production-ready AI models while improving accuracy, reducing rework, and accelerating deployment.

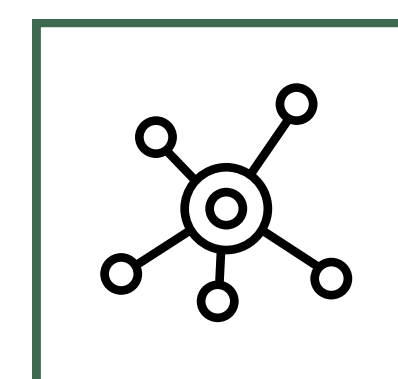
CHALLENGE

Organizations developing AI and LLM solutions face challenges in producing high-quality training data, maintaining annotation consistency, reducing model hallucinations, and scaling AI operations efficiently, resulting in lower model accuracy, increased rework, delayed deployments, and higher operational costs.

Challenge One

Scaling AI Operations

As AI initiatives grow, enterprises struggle to maintain annotation quality, align LLMs with human expectations, and deliver projects on time without compromising accuracy.



Challenge Two

Reliable Training Data

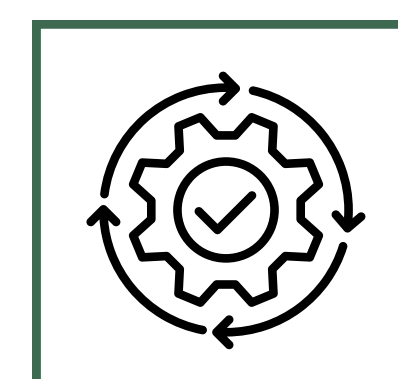
Modern AI models require massive volumes of accurate training data, but inconsistent labeling and fragmented quality control often reduce model performance.



Challenge Three

Enterprise AI Delivery

Managing large-scale AI data operations, skilled teams, and quality standards across multiple projects becomes increasingly complex as enterprise AI programs expand.



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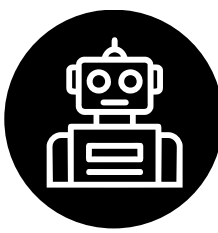
SERVICES

End-to-end AI data services and workforce solutions that power high-quality, production-ready AI systems.



Data Annotation & Labeling

High-quality labeled data for CV, NLP, OCR, and multimodal AI systems with domain expertise.



Managed AI Workforce Solutions

Dedicated, scalable teams for SLA-driven AI data operations and long-term support.



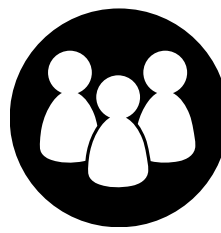
AI Post Training (RLHF & SFT)

Improve model intelligence, safety, alignment and domain performance through RLHF & SFT.



Data Collection Services

Real-world data collection (images, video, audio, documents, sensor data) at scale.



Transcription & Translation

Accurate multilingual transcription, translation and localization across 100+ languages.



Ad-hoc & Urgent Delivery Support

High-volume, time-sensitive projects with rapid ramp-up and on-time delivery.



Quality Assurance & Validation

Multi-layer QA framework ensuring accuracy, consistency and reliability at every step.



Tools & Platform Experience

Expertise across CVAT, Label Studio, V7, Prodigy, custom platforms and proprietary tools.

INNOVATION

At Frostrek, we combine Structured QA processes, domain specialists, scalable AI-trained workforce, and robust delivery governance to build reliable, high quality datasets that power production-grade AI systems.



STRUCTURED QA & QUALITY FRAMEWORK

Multi-layer QA, audit checks and automated validations to ensure consistency, accuracy and reliability.



SKILLED & SCALABLE AI WORKFORCE

Trained specialists and domain experts across CV, NLP, Speech, OCR and multimodal domains.



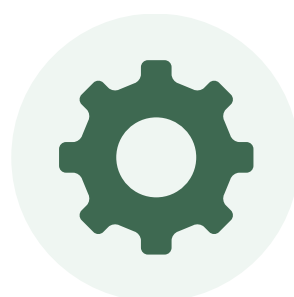
ENTERPRISE DELIVERY GOVERNANCE

SLA-driven delivery, real-time tracking, risk management and continuous performance monitoring.



SECURITY & DATA CONFIDENTIALITY

Strict access controls, encryption, compliance and confidentiality across all projects.



TECHNOLOGY & PROCESS INNOVATION

Custom workflows, automation tools and continuous improvements to drive quality and efficiency.

1

10K+ MODEL TRAINING HOURS DELIVERED

10K+

2

AVERAGE INCREASED ACCURACY BY

40%

3

AVERAGELY DECREASE HALLUCINATION BY

23%

4

FASTER REVIEW TIME

18%

5

LESSER REJECTION RATE

12%

GLOBAL EXPANSION

Delivering AI data solutions to clients and labs across the globe with quality, speed and reliability.



40+

FRONTIER LAB MODEL TRAINED

Trusted by leading frontier labs and AI innovators worldwide.



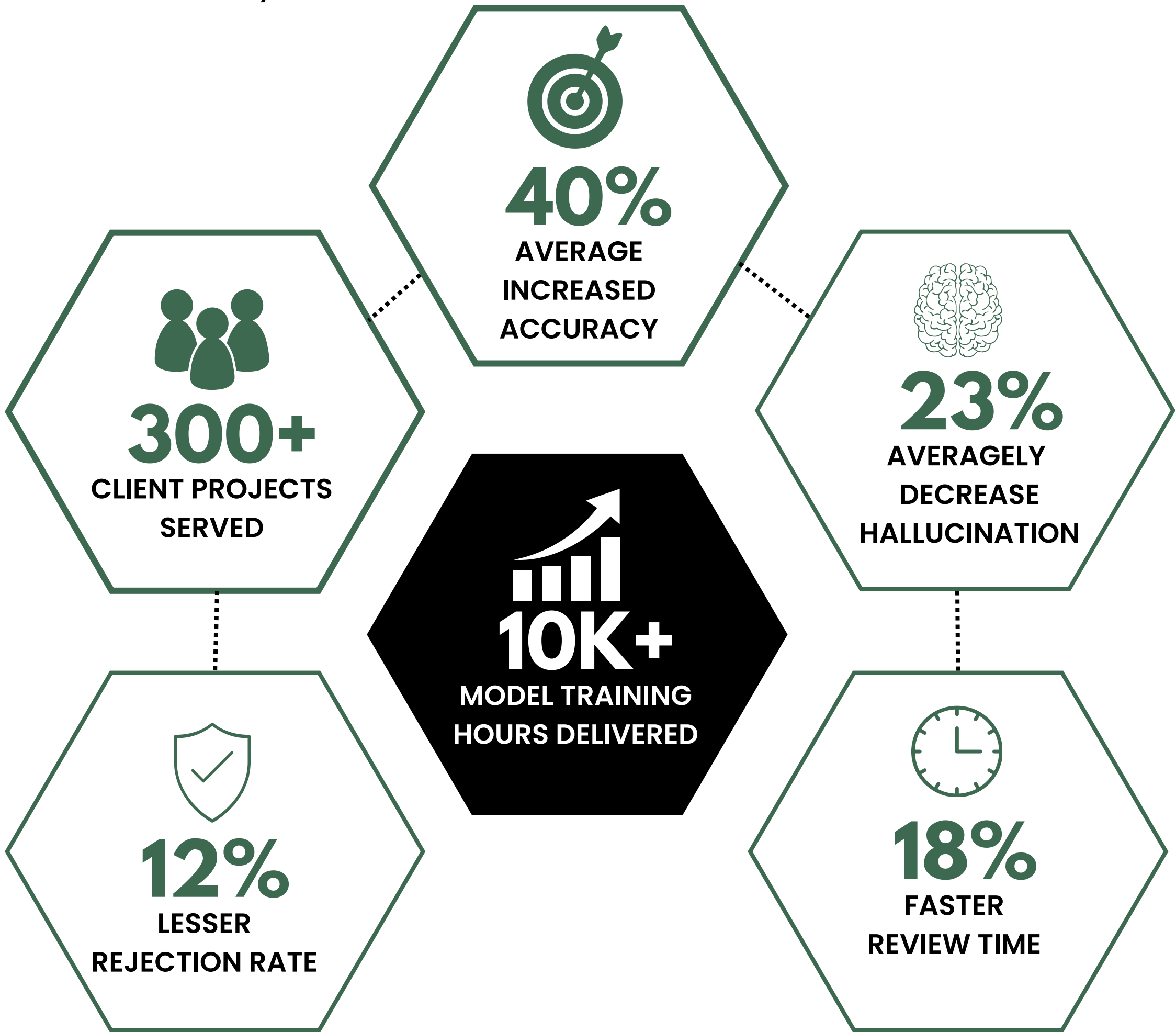
300+

CLIENT PROJECTS SERVED

Trusted by leading frontier labs and AI innovators worldwide.

OUR SUCCESS RESULT

Our commitment to quality, efficiency, and innovation helps our clients build smarter, safer, and more reliable AI systems at scale.



4D LANE ANNOTATION FOR ADAS SYSTEMS

Client: Automotive AI Startup
Project Duration: 10 weeks
Team: 25 Highly Trained Specialists

THE CHALLENGE

The client required temporally consistent lane and object annotations across video sequences to improve stability in their Advanced Driver Assistance Systems (ADAS), particularly for dynamic lane topology and environmental understanding.

OUR SOLUTION

We delivered precise 4D lane topology annotation, multi-frame object tracking, temporal consistency validation, and environmental marking (curbs, barriers, medians).

APPROACH

Sequence-level quality reviews and rigorous temporal validation ensured frame-to-frame coherence. Our specialists were trained on complex ADAS-specific guidelines.

RESULTS

- Improved model stability across 4D sequences by 27%.
- Achieved zero-error QA across three consecutive delivery batches.
- Delivered production-ready datasets with strong temporal consistency.

DATA COLLECTION SERVICES

Client: Confidential Enterprise AI Company
Project Duration: 5 months
Team: 60 Trained Data Collectors | 8 Collection Supervisors | 5 Quality Reviewers | 1 Project Manager

THE CHALLENGE

The client required diverse, high-quality real-world data (images, video, speech, and handwritten documents) while maintaining strict consent, compliance, and quality standards.

OUR SOLUTION

Frostrek managed mobile-based image & video collection, speech/audio capture across accents and demographics, and handwritten document collection for OCR training.

APPROACH

Controlled contributor onboarding, consent management, and multi-layer quality validation ensured regulatory compliance and dataset integrity.

RESULTS

Delivered diverse, clean datasets ready for training computer vision, speech, and OCR models with full compliance and traceability.

E-COMMERCE AI TRAINING — PRODUCT SEGMENTATION & CLASSIFICATION

Client: Confidential (Frontier LLM Training Team)
Project Duration: 3 months
Team: 50 AI Data Specialists

THE CHALLENGE

The client's product search and recommendation engine suffered from inconsistent image understanding across thousands of SKUs, leading to poor search relevance and high false-positive rates in visual search.

OUR SOLUTION

Frostrek delivered large-scale semantic segmentation of product images, fine-grained attribute labeling (color, material, size, style, etc.), and multi-category classification across 60+ product verticals.

APPROACH

Continuous quality monitoring, performance optimization loops, and domain-specific annotation guidelines ensured high consistency. Our specialists worked closely with the client's tooling and feedback cycles.

RESULTS

- Improved search relevance by 22%.
- Reduced model false-positive rates by 31%.
- Enabled significantly higher accuracy and consistency across downstream machine learning pipelines.

QUALITY ASSURANCE & VALIDATION

Client: Confidential Enterprise AI Platform
Project Duration: 6 months
Team: 70 Annotators | 12 Quality Analysts | 3 Quality Leads | 1 Program Manager

THE CHALLENGE

The client struggled with inconsistent quality across large-scale AI datasets produced by multiple teams, leading to high rework rates and delayed model training.

OUR SOLUTION

We implemented a comprehensive multi-layer QA framework for dataset validation, accuracy checks, completeness, and consistency.

APPROACH

Error pattern analysis, structured audits, rework optimization, and SLA-based quality thresholds with daily monitoring and weekly reporting.

RESULTS

- Maintained 95%+ sustained quality accuracy.
- Reduced rework rates by 30%.
- Achieved full SLA compliance and improved cross-team consistency

ENTERPRISE COMPUTER VISION DATA ANNOTATION PROGRAM

Client: Confidential (Tier-1 Autonomous Vehicle Company)
Project Duration: 5 months
Team: 40 Data Annotators | 6 Quality Analysts | 1 Quality Lead | 1 Project Manager

THE CHALLENGE

The client faced tight production timelines for building large-scale, high-quality datasets for computer vision models, requiring both scale and precision across image and video data.

OUR SOLUTION

Frostrek handled large-scale 2D bounding box, polygon annotation, video-based object tracking, lane & drivable area segmentation, and environmental annotation.

APPROACH

A multi-layer QA system with structured review cycles and optimized workflows ensured consistent quality under aggressive timelines.

RESULTS

- Delivered 1 million+ annotated frames.
- Maintained 92%+ sustained quality accuracy with <2% rejection rate.
- Enabled deployment-ready datasets for downstream model training.

RLHF BASED MODEL ALIGNMENT PROJECT

Client: Confidential (Frontier LLM Training Team)
Project Duration: Ongoing (8+ months)
Team: 80 Labelers | 10 Quality Analysts | 4 Subject Matter Experts | 1 Project Manager

THE CHALLENGE

The client's large language model exhibited issues with verbosity, hallucinations, inconsistent reasoning, and suboptimal response quality, affecting user satisfaction.

OUR SOLUTION

Frostrek provided comprehensive human preference evaluation, response quality gap analysis, ranking of AI outputs, and structured feedback for alignment improvement.

APPROACH

We combined preference labeling with detailed correction suggestions and quality scoring. A dedicated team of subject matter experts ensured nuanced evaluation of complex reasoning tasks.

RESULTS

- Evaluated hundreds of model-generated responses with structured, actionable feedback.
- Reduced verbosity and hallucination issues noticeably.
- Improved consistency in reasoning-based answers.
- Enhanced overall user satisfaction through better model alignment.

TRANSCRIPTION & TRANSLATION

Client: Confidential Global AI & Media Company
Project Duration: 4 months
Team: 30 Transcription Specialists | 12 Native Language Translators | 4 Quality Analysts | 1 Project Manager

THE CHALLENGE

The client needed accurate, timestamped, and localized transcription of large volumes of multilingual audio/video content (including Indian regional languages) for speech recognition and NLP model training.

OUR SOLUTION

We provided large-scale transcription, multilingual translation & localization, speaker identification, timestamping, and terminology consistency.

APPROACH

Multi-layer linguistic QA combined with native speakers ensured high fidelity across 12+ languages.

RESULTS

- Transcribed and translated 50,000+ minutes of content.
- Achieved 98%+ transcription and translation accuracy.
- Delivered production-ready datasets while meeting aggressive SLAs.

AUTONOMOUS DRIVING – 2D/3D ANNOTATION DELIVERY PROGRAM

Client: Confidential (Tier-1 Autonomous Vehicle Company)
Project Duration: 5 months
Team: 40 Annotators | 6 Quality Analysts | 1 Project Manager

THE CHALLENGE

The client required large-scale, high-quality labeled datasets to train and fine-tune custom LLMs for accurate, context-aware, and domain-specific AI applications.

OUR SOLUTION

Frostrek executed end-to-end computer vision annotation workflows, covering 2D bounding boxes for vehicles, pedestrians, and traffic signals, 3D LiDAR point-cloud object detection, lane marking, and drivable-area segmentation.

APPROACH

We deployed a structured multi-layer quality assurance framework with dedicated Quality Analysts and clear escalation paths. Custom review processes were implemented to handle edge cases efficiently, while maintaining strict accuracy thresholds throughout.

RESULTS

- Delivered 1.2 million labeled frames with a rejection rate below 6%.
- Achieved sustained 92.5% quality accuracy.
- Reduced review turnaround time by 18% through optimized workflows.
- The client received production-ready datasets that significantly strengthened model

MANAGED AI WORKFORCE DEPLOYMENT PROGRAM

Client: Confidential Global AI Platform
Project Duration: Ongoing (9+ months)
Team: 85 Dedicated Annotators | 15 Quality Analysts | 4 Quality Leads | 2 Program Managers

THE CHALLENGE

The client needed a reliable, scalable, and always-available AI data operations team that could handle fluctuating volumes and global time zones without quality or continuity issues.

OUR SOLUTION

Frostrek deployed and managed a dedicated, shift-based AI annotation and QA workforce fully integrated with the client's workflows.

APPROACH

Rapid scaling, replacement & continuity management, performance tracking, and structured onboarding ensured seamless operations.

RESULTS

- Sustained 95%+ quality accuracy over extended periods.
- Scaled team size 2x within 3 weeks with zero productivity loss.
- Enabled long-term, predictable AI data operations.

MULTI-PLATFORM AI TOOLING & INDUSTRY DEPLOYMENT PROGRAM

Client: Confidential Frontier AI Research Organization
Project Duration: Ongoing (12+ months)
Team: Cross-trained Annotators, QA Specialists & Platform-specific Leads

THE CHALLENGE

The client worked across multiple annotation platforms and tools for GenAI, computer vision, and autonomous AI projects, requiring seamless adaptation and consistent quality.

OUR SOLUTION

Frostrek delivered annotation and evaluation services across diverse client platforms and proprietary tools.

APPROACH

Rapid onboarding to multiple platforms, cross-training of specialists, and standardized quality processes across toolchains.

RESULTS

- Achieved fast onboarding across 4+ different platforms.
- Maintained consistent quality despite diverse tooling.
- Supported multiple AI domains under a unified delivery model.

URGENT HIGH-VOLUME AI DATA DELIVERY PROGRAM

Client: Confidential Enterprise AI Product Team
Project Duration: 6 weeks
Team: 60 Annotators | 10 Quality Analysts | 1 Quality Lead | 1 Project Manager

THE CHALLENGE

The client had a critical backlog of annotation work and an aggressive deadline for an upcoming model release, requiring rapid ramp-up without compromising quality.

OUR SOLUTION

Frostrek executed a high-volume annotation program under compressed timelines with multi-shift operations.

APPROACH

Accelerated onboarding, intensive guideline training, and quality-controlled delivery processes ensured speed and precision.

RESULTS

- Delivered 400,000+ labeled data points in 6 weeks.
- Achieved 93%+ acceptance rate on first-pass review.
- Enabled the client to meet their critical model release timeline.

SFT BASED DOMAIN FINE-TUNING PROJECT

Client: Confidential (Frontier LLM Training Team)
Project Duration: Ongoing (8+ months)
Team: 80 Labelers | 10 Quality Analysts | 4 Subject Matter Experts | 1 Project Manager

THE CHALLENGE

The client wanted to significantly improve their model's performance in specialized domains such as coding, mathematical reasoning, physics, and multilingual capabilities through high-quality supervised fine-tuning data.

OUR SOLUTION

Frostrek created comprehensive supervised fine-tuning (SFT) datasets, including domain-specific response generation and golden response creation.

APPROACH

Expert-led response writing, multilingual enhancement, and rigorous quality validation by subject matter experts.

RESULTS

- Improved coding performance in Python and Java.
- Enhanced step-by-step mathematical reasoning.
- Strengthened explanations in physics and mechanical domains.
- Increased bilingual language fluency.
- Delivered high-quality golden responses that directly boosted model capabilities.