LatentAI

Latent Assisted Label

Cut expert effort by up to 99%.
Label smarter. Deploy AI faster.

Data labeling for edge AI is time-consuming, costly, and error-prone. What if you could reduce expert time and cost by up to 99% and maintain accuracy?

Latent Assisted Label is advanced data analysis and annotation software that uses AI to automate routine tasks, lighten expert workload, and accelerate AI projects to market at lower cost.

The tool learns from user input, flags uncertain results, and enables quick refinements, ensuring that training data remains accurate, relevant, and deployment-ready. Complex labeling and annotation operations are simplified, so your team can generate high-quality datasets with speed and precision.

Experts then step in only where needed, refining results to 100% in a fraction of the time, ensuring your AI models are trained on the most accurate and mission-ready data.

Label with precision and speed
Automate repetitive tasks to boost workflow efficiency, cut costs, and ensure top-quality datasets.

Adapt to any labeling need
Easily handle any labeling task using multiple AI-assisted techniques on a single, flexible application.

Empower experts for better results
Reduce manual labeling and let experts refine new data for high-quality, relevant datasets.

Latent Assisted Label was recognized by the U.S. Army's xTech program, as a cohort winner in the xTech AI Grand Challenge competition. xTech judges found the solution to be "a very interesting auto-labeling tool with potential for the government." They see potential in techniques like Find Similar, which reduce the time needed for labeling.

Learn more at **latentai.com** or contact **info@latentai.com**.

How It Works

Mix and match these AI-assisted techniques to quickly streamline annotation workflows and maintain accuracy across any dataset.

Find Everything

Quickly find objects in large datasets, like this SONAR data of the sea floor.

This technique scans your entire dataset to surface every object, making annotation faster and more efficient. Smart background and foreground detection highlights items in unlabeled data, so experts can rapidly annotate and explore large, unfamiliar datasets. Start with the *Find Everything* technique to locate objects, and then refine your search with the *Find Similar* technique to focus on specific items of interest.

The Find Everything technique is particularly well-suited for datasets used in naval threat detection, planetary exploration, industrial defect tracking, and environmental and wildlife monitoring.
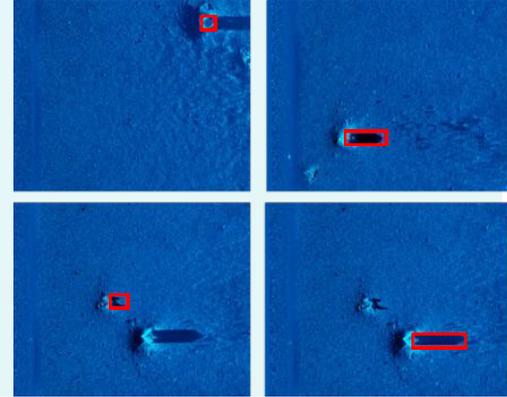
Find Similar

Bulk-label a growing dataset, like this collection of aircraft imagery, using just a few examples.

This technique clusters objects based on visual similarity, enabling experts to select representative samples and automatically identify and label similar items across the dataset. Adjust key points on one object and apply them to others for consistent, high-quality labeling. It's ideal for large, evolving datasets and works seamlessly with *Find Everything* or *Find Description* techniques for refined targeting.
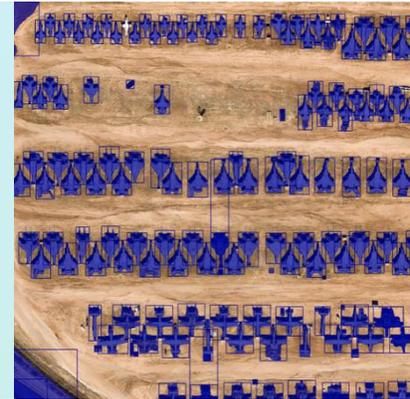
Find Description

Automatically assign text labels and correct contextually inaccurate labels in aerial surveillance data —for example, fixing cases where a particular aircraft is mislabeled by type or labeled simply, "airplane".

This technique locates objects using natural language prompts. Just type what you're looking for (e.g., "all airplanes") and refine results with expert input to remove errors or improve labeling confidence. It's perfect for bootstrapping new datasets, correcting inaccurate labels, or expanding existing categories. Combine this technique with *Find Similar* to cluster and annotate efficiently, building high-quality datasets from raw or partially labeled sources.
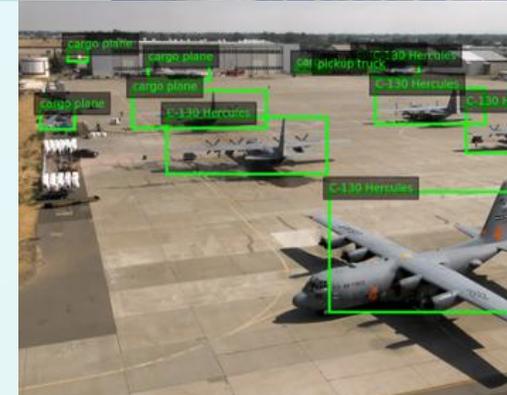
Follow Object

Track a specific object across multiple video feeds. This is particularly useful for preparing data for use cases that track items across numerous video feeds, such as physical surveillance, order fulfillment, or airport baggage handling.

This technique automatically follows the same object across video data using only a single labeled frame. Experts can adjust key points to ensure accuracy, making changes that are applied consistently across the entire dataset. Combine with *Find Description* to locate and then track objects of interest, accelerating annotation and producing high-quality video datasets.

Learn more at **latentai.com** or contact **info@latentai.com**.