synthet**ai**c

Detect anything **in minutes** without labeled data.

RAIC Rapid Automatic Image Categorization

What if anyone on your team could build a detection AI from a single example in five minutes?

RAIC lets you find anything in minutes, solving AI's underlying speed-to-insight problem and unleashing the power of AI in your business.

This end-to-end offering provides insights through rapid search of unstructured satellite, video, and image datasets without time-intensive human labeling or expensive labeled data troves. RAIC removes the barriers to practical AI.

RAIC gives you the power to:

- Immediately find anything in your unlabeled data.
- Train and fine-tune AI with speed and agility.
- Get insights like a machine learning engineer - whether you are one or not.

Learn more about the problems your company can solve with RAIC.

IMAGE

Using a single source image, RAIC will find anything, no matter how rare, across an entire unlabeled dataset in minutes.

FMV

RAIC will help you find objects in thousands of hours of full-motion video with ease, keeping you ready to address the unknown unknowns.

GEOSPATIAL

Unlock object detection or classification insights in minutes from massive amounts of unlabeled earth observation satellite imagery, including both RGB and SAR.

ScoutGuard   09.05.2014 16:03:19

Starting from a Bing image of a zebra, RAIC was able to quickly identify zebras in months of unlabeled imagery captured in the field.
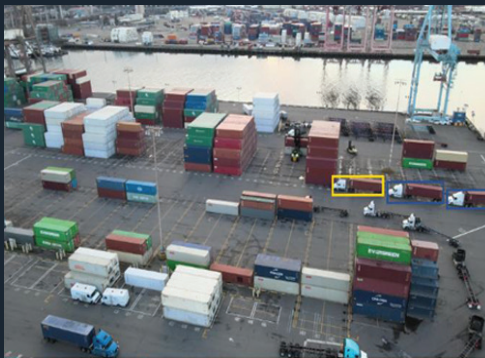
RAIC searched unlabeled drone video for all matches to a description of a suspicious vehicle.

Climate Trace used RAIC to find and classify CAFOs across several US states and other countries, an unimaginable feat if done by human labeling alone.

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No-Risk, Ultra-Fast Iteration

T=0s ——— 15s ——— 30s ——— 60s

classification

detection

Class	Lat , Long	Image
Passenger Plane	55.59232, 37.23919	msc1101.tif
Passenger Plane	55.57096, 38.14933	msc0007.tif
Passenger Plane	55.98071, 37.43076	msc0119.tif
...	...all other planes in Moscow...	...

01
USER SELECTS AN
OBJECT IN DATASET

02
RAIC FINDS SIMILAR
OBJECTS IN DATASET

03
USER TELLS RAIC TO BUILD AN AI
TO DETECT OBJECTS OF INTEREST

RAIC enables users to find and classify anything in minutes, not months, without labeled data. Simply provide a single example object image and RAIC will find similar objects in your unlabeled dataset and return contextually-related results. You can then improve the AI by identifying the best results through an intuitive human nudge tool. From there, you can run inference jobs and turn results into insights using dashboarding tools or existing analytics platforms.

our partners and customers

Microsoft

esri

NATIONAL GEOGRAPHIC

AFWERX

CLIMATE TRACE

Booz | Allen | Hamilton

SAVE THE ELEPHANTS®

INSTANT DETECTION OF ANYTHING, AT SCALE

About Us

Synthetaic's vision is to fast track the world's transition to practical AI. We build tools that remove the speed-to-insight and human-labeling barriers found in traditional AI development. It's the way AI is supposed to work.

Synthetaic was founded in 2019 in Delafield, WI by Corey Jaskolski after his work to help save the endangered Sumatran rhino inspired him to reimagine the limits of AI and data. Our solutions have been applied to critical use cases across industries, including geospatial, defense, security, science, technology, conservation, and more.

We've worked with Climate TRACE to identify CAFOs (concentrated animal feeding operations) to help them estimate methane emissions, the US Air Force to rapidly extract key insights from geospatial data, National Geographic to help identify and track rare species to safeguard against poaching, and many others

FEATURED IN:

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WIRED

The New York Times

SPACENEWS.