

The world's fastest geospatial AI training solution.

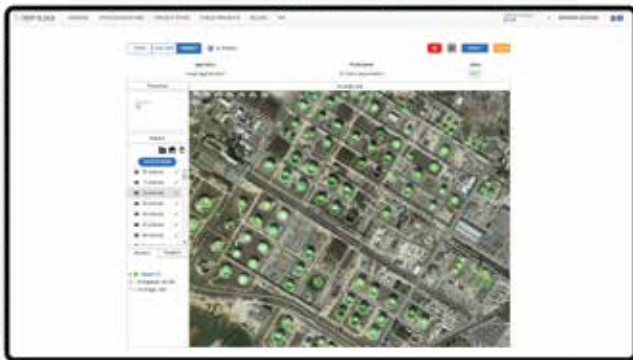
Deep Block's geospatial MLOps (Machine Learning Operations) platform helps you achieve your ambitious model training projects and can also be used out-of-the-box for all your imagery analysis and intelligence operations.

Every day, satellite imaging companies **collect petabytes of Earth Observation data** that can be used to monitor key areas, detect changes over time, or anticipate potential threats. The challenge is that there aren't enough people on earth, not even experts, to go through this wealth of information.

Recent advancements in AI and deep learning have made it possible to **automate 80% of geospatial imagery analysis tasks**, allowing analysts to focus on what really requires their expertise and reducing decision-making time.

However, **only 53% of AI projects make it from prototypes to production** due to the difficulties in scaling AI projects. CIOs and IT leaders face many obstacles in creating and managing a production-grade AI pipeline. Building in-house AI capabilities requires a substantial investment and expertise, and developing and testing AI models can take a considerable amount of time.

Train your own AI models in just days, no coding required.



Deep Block delivers a **SaaS production-grade AI pipeline** that facilitates the deployment of high-performing Machine Learning models. On top of a library of pre-trained models, anybody can train and use their own computer vision algorithms, without any programming knowledge required.

- **Train:** Train your AI model on a chosen training data set by labeling the desired objects within each image.
- **Evaluate:** test the performances of your AI model by labeling an evaluation data set and comparing your inputs with the model's inputs.
- **Detect:** use your AI model to detect objects in large data sets.
- **Deploy:** use our API to integrate your models directly into your applications.



Accurate and quick predictions for remote sensing applications.

Once your AI is Trained, Deep Block's patented deep learning technology can process large file sizes at instant speed. Deep Block makes for a powerful solution to analyze VHR satellite, drone and aerial imagery. Trained models also proved to be highly accurate in their predictions with both qualitative and quantitative capabilities.

10GP

Max. file resolution
or 120,000 × 120,000
pixels images.

15 GB

Max. file size
vs. 1 GB with
our competitors.

0.2 FPS

Processing speed
or 15 GB / second.

0.9 AP

Highly accurate
predictions when
detecting objects.

0.9 Recall

Highly reliable
detection with minimum
false positives.

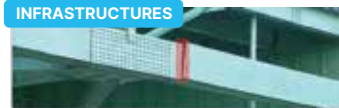
Deep Block applies to all use cases where sight is might.

The only limit that Deep Block's AI technology meets is the imagination of its users. In the case of remote sensing, any object, presence of new objects or absence of previously present objects can be detected, and the operator alerted.

DEFENSE



INFRASTRUCTURES



TRADE ANALYSIS



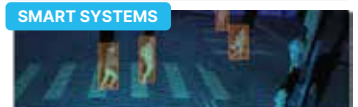
URBAN PLANNING



RESOURCES



SMART SYSTEMS



Premium features, for everyone.

Our core capabilities are available with all our plans. Just pick and choose the right price for you based on your usage.



PRIVATE GPU CLOUD

Get our most flexible and powerful hosting option for your Deep Block platform.



LARGE FILE SUPPORT

Upload large image files with high resolution for your most demanding projects.



COLLABORATIVE WORKSPACE

Share your project with your fellow AI trainers and collaborate together in the same interface.



TRAINED MODEL EXPORT

Deep Block supports COCO JSON file export for all your large-scale object detection and segmentation dataset.



DATA LABELLING

Create the perfect data set for your AI training requirements with our intuitive annotation tool.



API INTEGRATION

Integrate Deep Block directly into your applications for even more automation and flexibility.

ESSENTIAL

\$10 /m

Everything you need to get started.
All core capabilities +

☒ Up to 12 GPU hours a month

PRO

\$100 /m

Take your projects to the next level.
All core capabilities +

☒ Up to 120 GPU hours a month

EXPERT

\$300 /m

Unlock our most powerful option.
All core capabilities +

☒ Up to 750 GPU hours a month

When confidentiality and security are not only buzzwords.

At Deep Block, we understand the needs of large enterprises and public organizations and are willing to work closely with your team to ensure a smooth deployment and usage of the solution.



ADVANCED SECURITY

Get additional security features to fit your compliance needs like VPN connection, monitoring, fixed IP...



CUSTOM DOMAIN

Get your own enterprise account, allocated user seats, and branded domain.



SELF-HOSTING SUPPORT

Host Deep Block in your own private cloud or on-premise for maximum security.



ACCESS PROVISIONING

Define user accesses and privileges to ensure that the right person has access to the right information.



WORKFLOW CUSTOMIZATION

Request custom interfaces, features or workflows directly to our engineering team.



PREMIUM SUPPORT

Our support team will monitor your needs on the clock to ensure a smooth Deep Block experience.

They trust us.



OMNIS LABS

At OMNIS Labs Company, our vision is simple: make the future happen, where AI is a common place, not a pipe dream. We empower anyone to access the world of AI and start building their own models. We are creating one of the first AI collaborative ecosystems.

Contact

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