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Visual Profiler 6.3.22

RELEASE OVERVIEW

FASTER

BETTER

INTUITIVE

Complete AI solution

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AI CORE TECHNOLOGY

- Ensembled new rapid Deep Neural Network backbone
- Accelerated Profiling perforemance
- Better detection accuracy
- Support wider range of object scales in a single Profile

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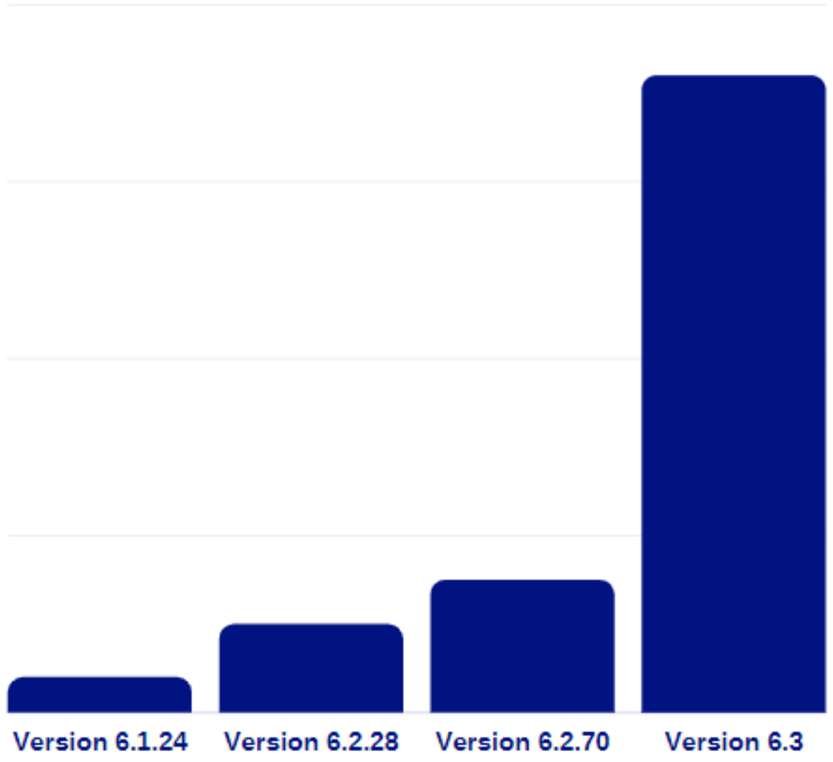
IMAGE PROFILING – UP TO X5.1 FASTER



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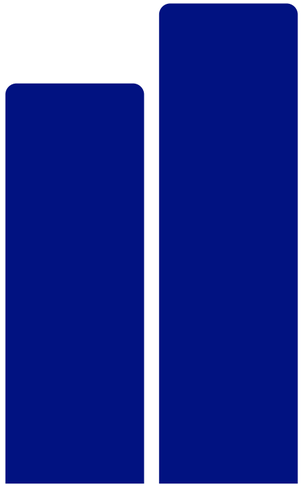
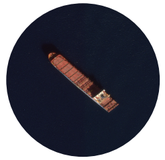
BETTER PERFORMANCE

Mig-29

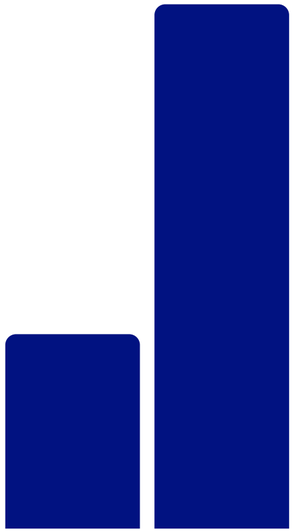
+13% DETECTION RATE



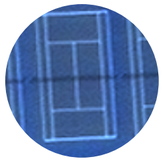
X1.2 Faster

Large vessels 

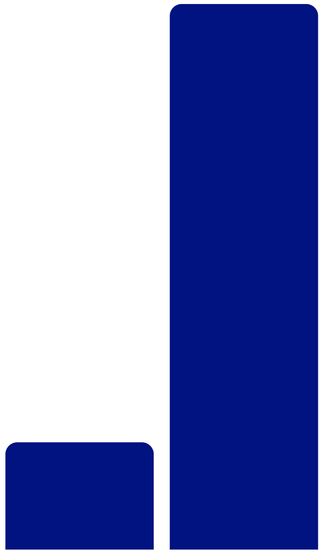
+16% DETECTION RATE



X2.7 Faster

Tennis courts 

SAME DETECTION RATE



X5.1 Faster

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AUTO TRAINER – NEW UX

- Get performance evaluation curve while training
- Live scores graph
- Elapsed time

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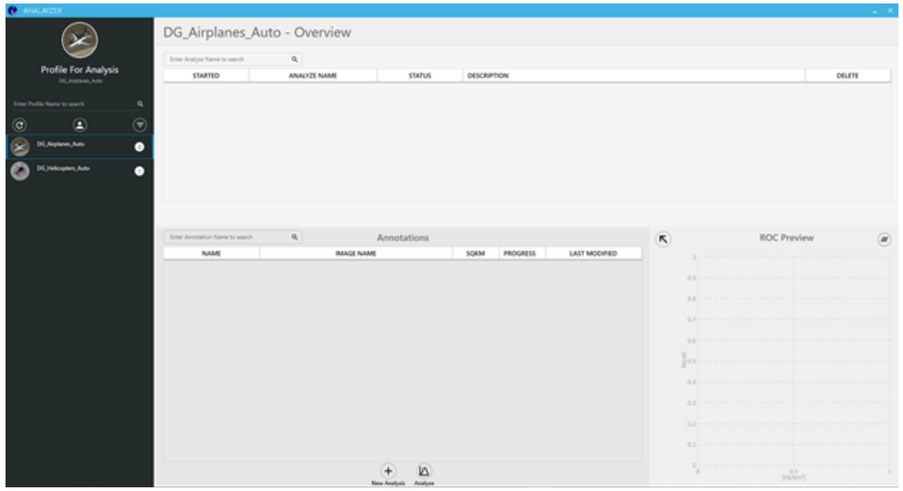
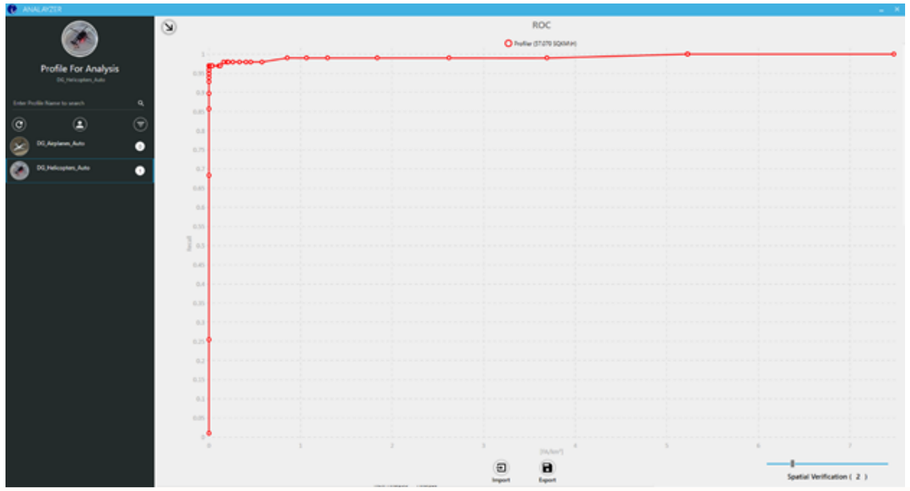
ANALYZER – NEW UX

- Experiments tracking and management
- Profile analysis history
- ROC dynamic preview





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ENHANCEMENTS

Explore

- Export detections to Geo-Json and Shape files
- Show number of detections per task
- Copy detection meta-data to clipboard

Annotation Manager

- Colorful Annotations
- Annotate from standard shape files

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COLORFUL ANNOTATIONS

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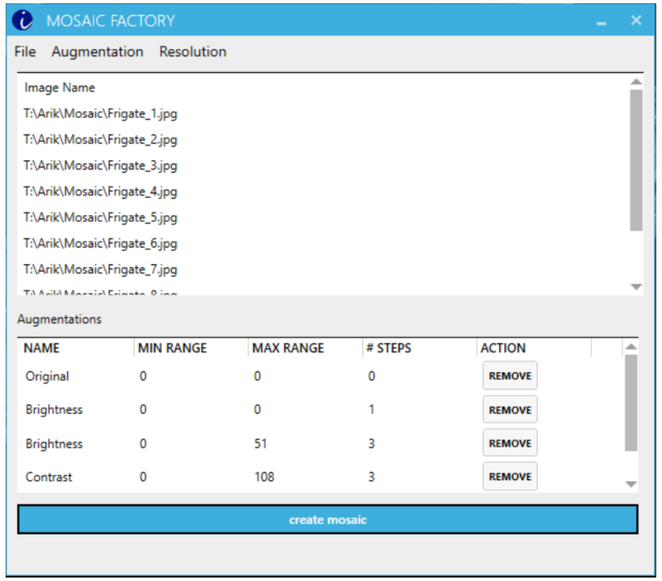
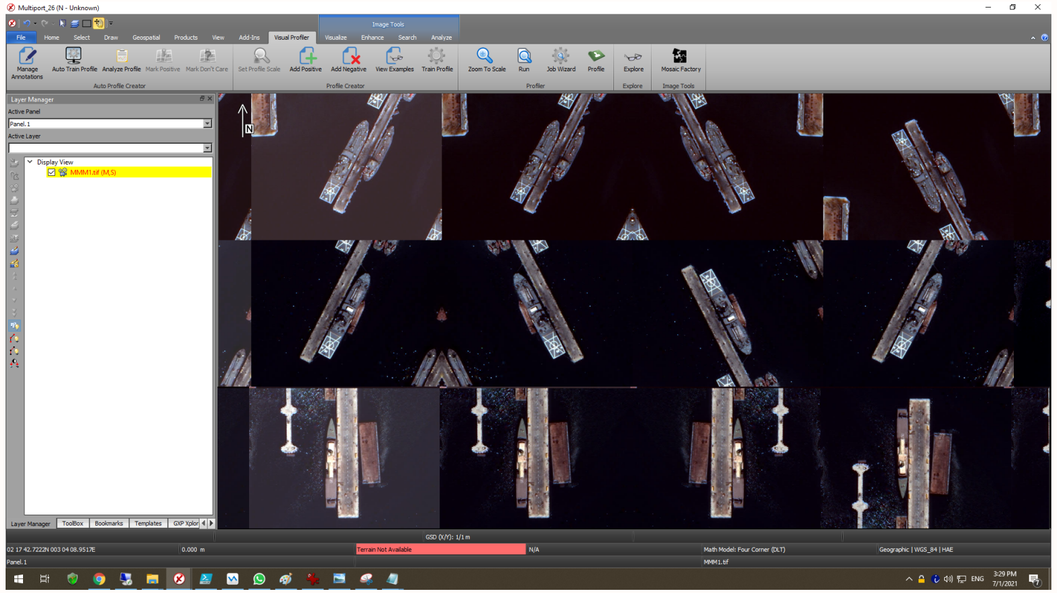
ENHANCEMENTS

Mosaic Factory

- Support more image chips formats, including NITF 2.0 and NITF 1.0
- Support 16 bit image chips formats





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ENHANCEMENTS

Easier deployment

- Assign user and password to VP Services during installation
- Scripts for remote silent installation of VP Analyst

Eliminate bottlenecks for improved speed and UX

- On the fly i2g and g2i conversions using new SOCET GXP API(faster and more stable)

And more...

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