

The solution to build trust in your AI systems by independently testing and validating your machine learning models.



Independent testing and validation empowers AI deployment decisions, providing:



Confidence

- Independently validating model performance scores and monitoring degradation against expected mission scenarios.
- Understand which adversarial attacks your model is vulnerable to before deployment.



Security

- Protecting vulnerable digital infrastructure. Validating against risks such as model vulnerabilities, data security, and adversarial attacks.



Speed

- More efficient validation processes, and reduced testing time. This leads to faster, confident mission-critical deployments.



VESPR Validate's Testing Capabilities

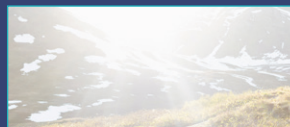
Stress Test Your ML Models Against Real-World Performance



Weather



Blur



Brightness



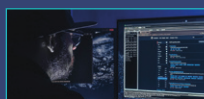
Defocus

Inversion and Privacy Testing



Determine if your sensitive model training data is secure.

Adversarial Security



Test your ML model's security against adversarial attacks on imagery and training data.

Data to Inform Decision Making

Support regulatory compliance in AI systems

Deep insights into the nature of model weaknesses beyond performance scores

Human-in-the-loop decision making and audit



Built for experts and non-experts

Experts

- A one-stop dedicated, API-driven test panel for robust computer vision model testing evaluation with a battery of over 40 available tests to simulate your future deployment risks.
- Reduce your production model testing processes from months to days, rapidly accelerating your MLOps pipeline.

Non-Experts

- Benchmark machine learning models and select the best model for the job with full confidence.
- For the first time, obtain a clear understanding of how and when your model will no longer achieve your business goals before disaster strikes.
- Outputs presented in easily understandable language.

VESPR Validate provides all stakeholders with the information to build, test, and deploy the right solution, with speed and precision.



Deploy on Cloud or On-Prem



kubernetes



TensorFlow



VMware Tanzu®



PyTorch



AWS GovCloud (US)



About CalypsoAI

CalypsoAI's mission is to build trust in AI through independent testing and validation. We solve one of the biggest issues facing AI: machine learning models not getting deployed into production. Through CalypsoAI's automated testing and validation solution, decisionmakers gain the performance visibility needed to confidently deploy their models into production. This ensures the success of AI strategy while drastically reducing the amount of risk, time and money spent to manually test and validate models. CalypsoAI was founded in Silicon Valley by DARPA, NASA, and DoD veterans.

CalypsoAI was named a 2022 Gartner Cool Vendor in AI Core Technologies.

90%

of data science projects do not make it to production.

Source: VentureBeat

only 11%

of organizations have invested in tools to secure their AI.

Source: NSCAI Report

Independent testing and validation

is an accelerator to secure, efficient AI deployments.



Learn More
and Contact Us

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