

Cadence ODYSSEE is an AI/ML platform that accelerates engineering simulation by learning from existing CAE, test, and sensor data to create accurate predictive models. Instead of running thousands of computationally expensive simulations, engineers can evaluate, optimize, and validate designs in seconds. Supporting any solver or engineering domain, ODYSSEE dramatically reduces simulation time, computing costs, and product development cycles while enabling real-time design exploration, digital twin applications, and confident engineering decisions.

Key Benefits

- Reduce simulation time from weeks to seconds
- Lower HPC computing and engineering costs
- Predict thousands of design variations instantly
- Accelerate optimization and design exploration
- Support any CAE solver and engineering discipline
- Improve engineering accuracy with AI-driven predictions
- Enable digital twin and real-time engineering
- Shorten product development and time-to-market