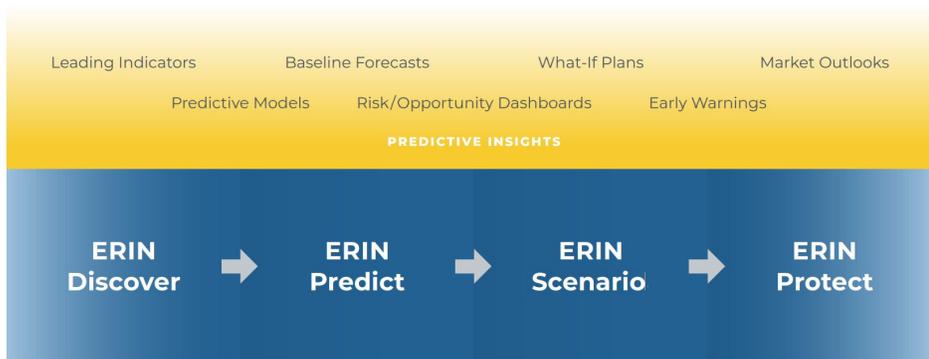# ERIN Predictive AI Platform

Global Data Repository + AI/ML Predictive Modeling and Insights Engine

ERIN is Prevedere's Global Data Repository and Predictive AI Engine that enables enterprises to discover their unique business drivers, quantify market volatility within predictive models and forecast then protect future business outcomes.

ERIN Predictive AI Platform
(External Real Time INsights)

PLATFORM OVERVIEW

DISCOVER: Identify external drivers of your business

PREDICT: Create economic based prediction models with machine learning engine

PLAN: Create optimistic, baseline, and pessimistic forecasts from models

PROTECT: Automate the monitoring of model health for target market early warnings

At the foundation of ERIN is **Indicators**, an external data repository containing millions of 'model ready' economic, industry and behavioral sources and signals.

Prevedere has collated, indexed and prepared time series data from thousands of data sources, providing a fast start for the predictive AI lifecycle.

ERIN Suite of Predictive AI Products
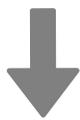
Algorithms

Insights

ERIN Discover

Correlation + search engine matches dependent variable (e.g. US demand) to Indicators repository

Workbench of leading indicators that statistically present correlation and lead/lag prediction.

Essentially a shortlist of external drivers that impact your business, increasing economic understanding for business leaders.
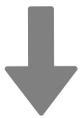
ERIN Predict

Predictive modeling analytics for model creation, simulation and econometrics machine learning

Thousands of ranked models, based on permutations of Discover leading indicators.

Most predictive model delivers forecast from 1 month to 5 years, for use as starting point or blended into a consensus forecast.

ERIN Scenario

Extended predictive modeling leveraging what-if techniques for target economic variables
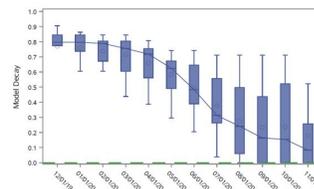

Additional two forecasts beyond economic baseline, including optimistic and pessimistic.

Develop and present plausible economic scenarios in order to predict multiple outcomes and plan for each of them.

ERIN Protect

Control chart residual analysis + process monitoring to create an 'EKG' for predictive model health

Automated model health checks occur periodically and when any modeling data changes.

Protect alerts business owners when future predictions shift out of limits, enabling timely refinement of business plans and strategies.

Contact us to learn more about how to mitigate risk, maximize market opportunity and attain competitive advantage - via the application of predictive AI.