DATAVISOR

dOps
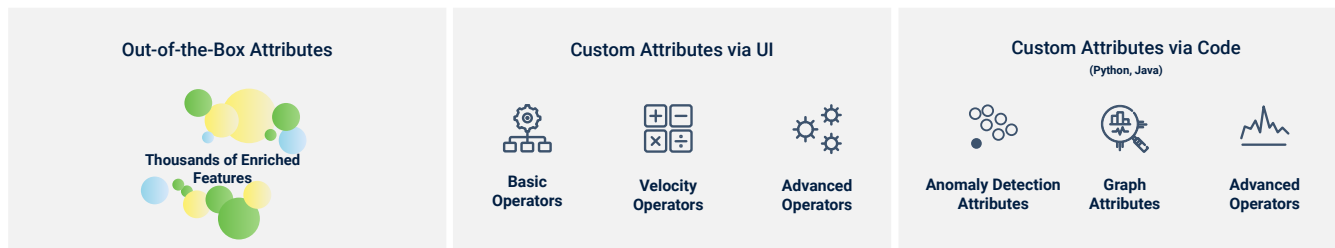## A Real-Time Fraud and Risk Operations Platform

dOps is an enterprise operational platform designed to provide a first line of defence to help teams react fast to fraud and business risk in a runtime production environment.

Powered by a customizable features engineering platform at its core, dOps delivers the simplicity of a conventional rules engine and an infrastructure that supports powerful machine learning techniques, to stop new and evolving threat attacks, business risks and internal policy violations. It does all of this in real time, with high levels of scalability, agility and speed.

Feature Platform at Its Core

Engineer Features Specific to Your Business

React to emerging fraud in real time by creating advanced features and attributes within a user-friendly interface or through coding. dOps also provides pre-packaged, out-of-box attributes to detect sophisticated threats and anomalies.

Out-of-the-Box Attributes	Custom Attributes via UI			Custom Attributes via Code (Python, Java)		
Thousands of Enriched Features	Basic Operators	Velocity Operators	Advanced Operators	Anomaly Detection Attributes	Graph Attributes	Advanced Operators

Product Capabilities

Advanced Rules Engine

Create and deploy rules without depending on IT. Run backtesting on historical data with full flexibility to choose the data's timestamp and sample set. Run rule simulation by publishing rules in test mode to gather stats before deploying the rules. Turn new rules live with one click to get instant protection. Track rule performance continuously, using visualized insights and advanced rule analytics.

Knowledge Graph

Uncover sophisticated patterns and hidden connections that otherwise would have been impossible to detect if only reviewing individually. Use Knowledge Graph to visualize multi-dimensional connections among entities, groups, money flow, IPs, etc. Integrate with blacklists and whitelists with one click. The template and system configuration is highly flexible to satisfy business demands.

Case Management

Boost review efficiency and make confident decisions. Prioritize investigations based on your criteria to address the riskiest cases first. Manage the team efficiently by assigning cases to the right reviewers, tracking team productivity and configuring user access control. The complete history of activities is documented to meet compliance requirements.

Machine Learning Compatible Architecture

Run any pre-built machine learning models in production within dOps to stop sophisticated risks. Get AI-recommended rules daily from dOps to capture unknown risks in an instant, without spending weeks to discover a new pattern and write a new rule. Shorten response time to stay ahead of ever-evolving threats before any loss happens.

Key Business Benefits

Complete Coverage

Identify risks, prevent fraud and stop internal violations with one platform.

Easy Adoption

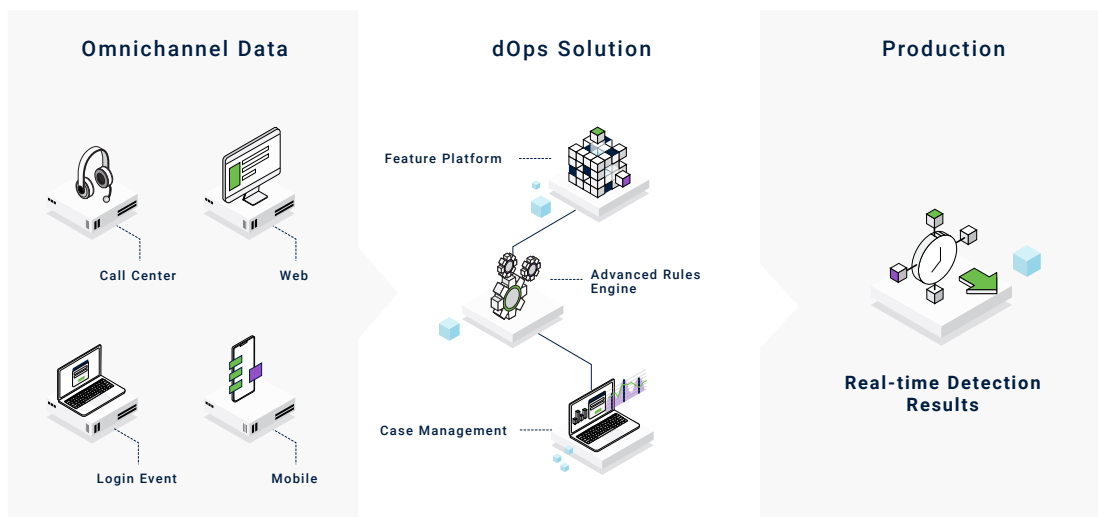Create rules on your terms with easy implementation and no dependencies.

Enterprise-Class Scalability

Make real-time decisions in a high QPS environment.

Seamless Integration

Integrate dOps with internal systems in just one week. Easily connect data sources to dOps for immediate protection and full support for both real-time and batch processing.

Omnichannel Data

Call Center   Web

Login Event   Mobile

dOps Solution

Feature Platform

Advanced Rules Engine

Case Management

Production

Real-time Detection Results

Results that Matter

10 Minutes

Swift Rule Deployment

Create and deploy new attributes and rules in minutes to capture new threats.

1-3 Hours

Rapid Rule Testing and Simulation

Backtest rules and simulate the production impact of new rules in hours, not days.

10-50 Milliseconds

Low Latency and High Performance

Process large-scale data with 10,000+ QPS and extremely low latency.

ABOUT DATAVISOR

DataVisor is the leading fraud detection company powered by transformational AI technology. Using proprietary unsupervised machine learning algorithms, DataVisor restores trust in digital commerce by enabling organizations to proactively detect and act on fast-evolving fraud patterns, and prevent future attacks before they happen. Combining advanced analytics and an intelligence network of more than 4.2B global user accounts, DataVisor protects against financial and reputational damage across a variety of industries, including financial services, marketplaces, e-commerce, and social platforms.