

Companies Rely on Redis Enterprise to Power Modern Fraud-Detection Platforms

Fraud threats have grown and are driving up costs

Each year companies lose tens of billions of dollars to fraud in the form of fines, settlements, and erosion of customer trust.

47%

of companies experienced fraud in the past 24 months¹

2X

year-over-year growth in retail fraud attempts²

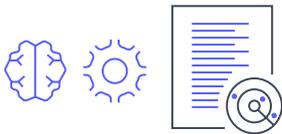
\$42B

in total losses reported by respondents, according to PwC³

Fraud risk is soaring from growth in online transactions, digital identity threats, cybercrime, and customer fraud. Today's digital and mobile payment platforms are complex and distributed—they present more software vulnerabilities and operate with a high level of interconnectedness.

The increased complexity, volume, and sophistication of threats require more advanced fraud detection methods to keep up with malicious actors and keep your business protected.

Mitigate your fraud risk and protect your business with Redis Enterprise



Score transactions faster with collocated AI inferencing

Serve deep-learning models directly where your data lives for performance, faster and more accurate fraud analysis, and a simpler architecture.



Keep digital customer identity updated in real time

Create, update, and access digital identity with high throughput and minimal latency, geolocation and identity searches, and multiple data models.



Reduce cost with high-speed statistical analysis

Check transactions against known patterns and perform anomaly detection using Bloom filters, time series, and other data structures.

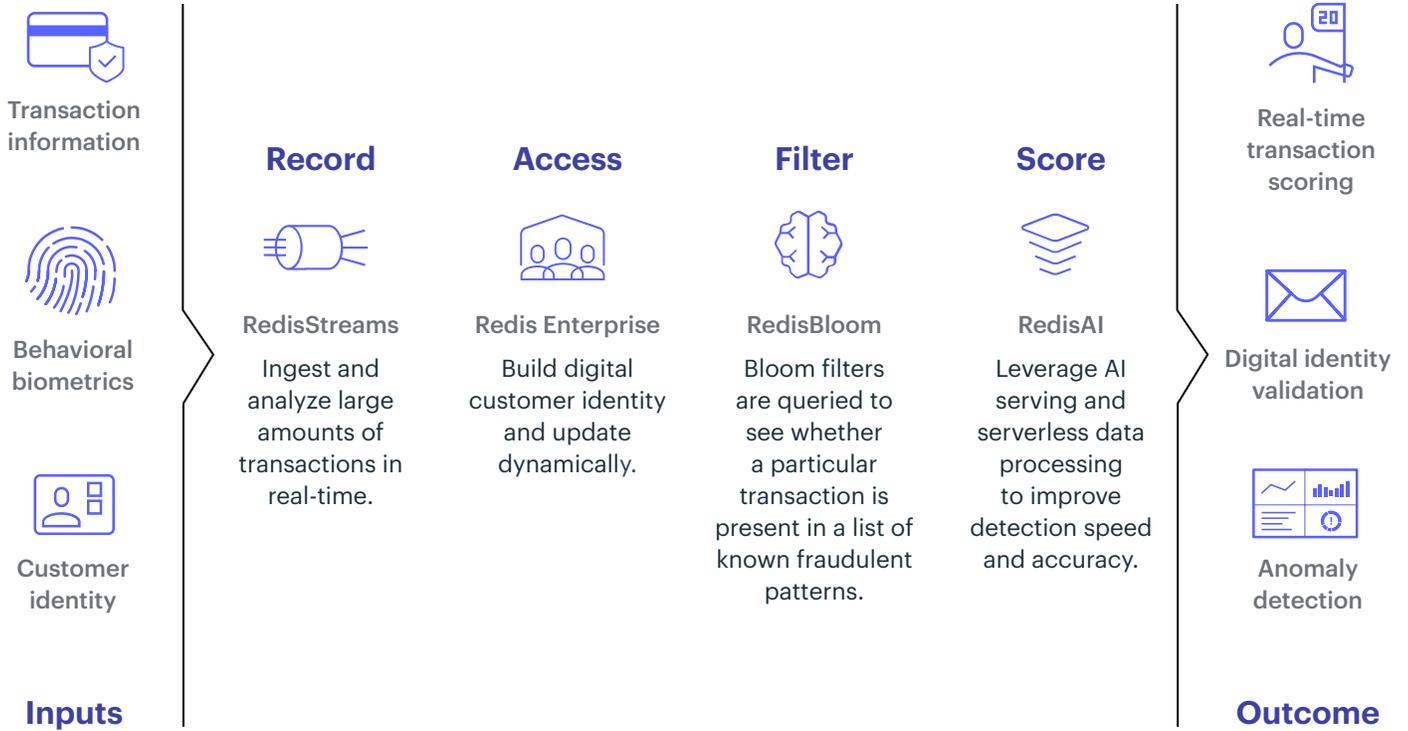
^{1,3} "PwC's Global Economic Crime and Fraud Survey 2020"

² "Retail Fraud Attempts Double Year-Over-Year and Triple since 2017," PR Newswire, September 24, 2019.

Provide real-time fraud detection with Redis Enterprise

Redis Enterprise improves fraud detection and mitigation with a scalable distributed architecture providing high throughput, minimal latency, and high availability. By delivering unmatched database performance, tools for real-time statistical analysis, and support for AI/ML workloads, Redis Enterprise helps drive better outcomes.

Build a real time fraud-detection platform with Redis Enterprise



Using Redis Enterprise in our fraud-detection service was an excellent decision for our organization. It is enabling us to easily manage billions of transactions per day, keep pace with our exponential growth rate, and speed fraud detection for all of our clients.

Ravi Sandepudi, Head of Engineering
Similarity

Get started today with Redis Enterprise