



Ravelin

Datasheet:

Building trust back into e-commerce

[Ravelin.com](https://ravelin.com)

Why Ravelin for e-commerce?

Fraud attacks are becoming more sophisticated, and the existing tools in the industry are becoming obsolete or too expensive to maintain. Genuine customers expect streamlined checkouts and merchants face the challenge of maximising customer acceptance whilst minimising the total cost of fraud. Meet Ravelin.

Ravelin uses next-generation machine learning technology to power highly accurate decisions in milliseconds, minimising the need for manual review, and making it possible to dynamically route only high-risk shoppers through a more rigorous checkout flow and so maximise conversion.

Ravelin is available as a single, centralised fraud solution for wherever you trade, reducing risk, boosting conversion and decreasing cost regardless of however many payment providers you use and payment methods you accept.

The fraud detection platform that never stops learning

Ravelin uses machine learning models to score every customer interaction for fraud risk, forming a complete picture of a shopper's risk profile before they reach checkout. Combined with advanced link analysis and behavioural analytics, Ravelin's automated detection spots signals of genuine and suspicious activity missed by conventional fraud tools. Ravelin's real-time decisions are making it possible for merchants around the world to trust their customers and make shopping experiences delightful, while stopping e-commerce fraud in its tracks across all channels, markets and payment gateways.

Ravelin at a glance

We provide merchants with a full suite of machine learning products that take care of a spectrum of fraud threats including chargebacks, voucher abuse, friendly fraud, and so much more.

Our vision is simple: to give merchants a measurable advantage in the race against online fraud.

Advantages

- Stop fraud and chargebacks
- Maximise acceptance
- Reduce manual review

"Using machine learning, we were able to reduce chargebacks by 90% overall."

Deliveroo

Product features

- **Machine learning models** specific to your business and industry
- **Self-learning models** keep up with evolving patterns of fraud
- **Flexible rules engine** complements automated detection
- **Enterprise-wide graph networks** uncover hidden links in your data
- **Global fraud network** shares **intelligence** from across your industry
- **Analyst interface** provides a complete, clear picture of fraud
- **Analyst workflows** streamline your team's processes
- **Configurable thresholds** optimised for your risk appetite

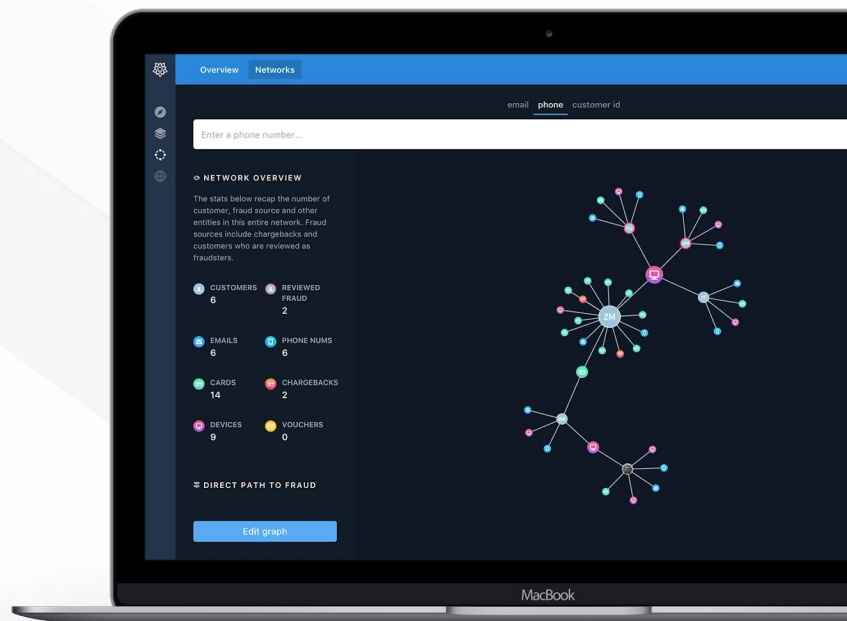
What are the benefits?

- One system that aggregates all relevant customer and transaction data
- Reduced reliance on manual review
- Automated decisions in milliseconds
- Centralised fraud solution wherever you trade
- Easy to use dashboard built for analysts

One fraud platform for all your needs

Ravelin offers rapid integration with minimised developer requirements. We provide instant results: our training models with historical data ensures our algorithms give accurate scores as soon as the integration is complete. Our dashboard is built for analysts and is efficient and easy to use - not only do we minimise the need for review, we also make reviews more efficient.

The most notable impact of Ravelin is the changed the role of manual review. Only the a small sample of orders need to be reviewed and they happen outside of the purchase flow. Time is spent more effectively on investigating trends and devising tactics to prevent new fraud.



Certifications

- PCI-DSS Level 1 Certified
- ISO/IEC 27001 Certified
- EU Safe Harbor Registered

[Find out more](#)

Read our Complete guide to stopping e-commerce fraud.

