



Staying Ahead of Fraud with PayPal Fraud Protection Advanced



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Overview

Digital fraud is evolving

Fraud doesn't stand still. As consumer behaviour continues to change and the expectation for seamless online experiences has become a must-have for businesses, fraudsters are developing new ways to take advantage of online experiences that are meant to be easier on customers. As a result, cyber fraud is on the rise¹ — and so is the amount of money businesses are willing to spend to fight it.²

Today's consumer expectations centre on trust, ease of experience and respect. In this age of data breaches that are increasing in frequency and impact, customers are choosing to do business with companies they trust. Having a solid brand reputation for putting security first has never been more critical. Additionally, consumers are expecting easy, quick online experiences — whether on a website or in-app — and are abandoning shopping carts for competitors when faced with an inordinate amount of friction. Customer insult may lead to cart abandonment — applying blanket fraud solutions that treat customers and fraudsters alike and create friction-filled experiences for all will turn customers away from your platform.

Staying ahead of increasingly sophisticated and complex fraud schemes is key for businesses to be able to deliver on today's consumer expectations but making the move to a digital-first model must happen first. As the global shift towards online experiences continues, enterprises must remain competitive by implementing fraud solutions tailored to this evolving digital landscape.





Adaptive Risk Management

Stay ahead of fraudsters while maximising revenue and minimising costs and stress

When first launching their business, smaller companies may only need a lightweight fraud prevention solution. However, as they grow, companies may eventually require an advanced fraud and risk management solution that comes equipped with more advanced capabilities and customisable features. There are a few key things that these businesses need to look for when choosing such a solution: seamless integration, advanced machine learning powered by risk intelligence and, above all, the ability to quickly and accurately differentiate between genuine and fraudulent transactions.

PayPal has the solution that companies need: **Fraud Protection Advanced**.

PayPal Fraud Protection Advanced is an adaptive machine learning solution that helps enable businesses to protect against evolving fraud. With robust capabilities that help mitigate fraud and reduce losses, Fraud Protection Advanced empowers your business to:

- **Identify and investigate suspicious transactions:** Help stop fraudulent transactions and chargebacks before they happen. Businesses may see a significant decrease in chargebacks with Fraud Protection Advanced when compared to other fraud prevention solutions.
- **Customise capabilities according to your business needs and risk tolerance:** As your business adapts to changing market conditions, Fraud Protection Advanced helps enable you to keep up with rapidly changing buying behaviour and complex regulatory environments without compromising the integrity of your platform.

- **Quickly differentiate legitimate customers from bad actors:** Help prevent fraudsters from using your platform to reach new markets and groups of legitimate, active customers ready to buy more and buy often from your platform.
- **Streamline online experiences for trusted users:** Customer insult and friction-laden online experiences send consumers to your competitors. Create frictionless customer journeys that help increase conversion rates, reduce good customer declines and increase customer lifetime value — businesses may see a significant reduction in good customer declines with Fraud Protection Advanced when compared to other fraud prevention solutions.
- **Optimise resources:** Help improve operational efficiency to build and maintain a modern payments infrastructure that can meet your individual requirements and helps reduce manual reviews, and free up your fraud team to focus on other business-critical needs.

Companies currently using Braintree to process payments can easily start using Fraud Protection Advanced to analyse transactions without having to wait weeks or months for installation. Fraud Protection Advanced is available out-of-the-box for Braintree merchants and for Secure Remote Commerce transactions processed with Braintree.

With Fraud Protection Advanced, companies can help defend their business against evolving fraud, increase conversion rates and accept more orders, reduce chargebacks and declines, and protect brand reputation by reducing customer insult.

But what sets Fraud Protection Advanced apart from other fraud prevention solutions is access to fraud and risk data from PayPal.





The PayPal 2-Sided Network

Intelligence coupled with machine learning

With data from over 330 million active consumers and 25 million merchants, and over 20 years of Fintech experience working with some of the biggest companies in the world,³ the PayPal 2-Sided Network is a rich source of transaction and risk data. This intelligence is based on decades of viewing both the business and consumer sides of more than 15 billion transactions a year, which helps enhance fraud detection to adapt more quickly to shifting fraud patterns.

Intelligence from the PayPal 2-Sided Network

- Fraud Protection Advanced provides businesses with a risk score based on PayPal network intelligence, which indicates the potential risk of a transaction
- Companies get access to a wealth of information about each transaction, helping fraud analysts to make more informed decisions and build better fraud strategies
- PayPal data can also be leveraged in conjunction with a business's own data (via customised fields) to create filters

Advanced machine learning and analytics

- Use customised, out-of-the-box filters based on your unique business metrics, including TPV, age of business account, chargebacks and transaction frequency
- Filter testing to test new filters or changes to existing filters on your own historical transaction data, helping you to understand how the changes might impact your business
- Receive actionable filter recommendations to keep filters continuously optimised, helping you stay ahead of ever-changing fraud
- PayPal uses data science to actively monitor business performance

Powerful Fraud Protection

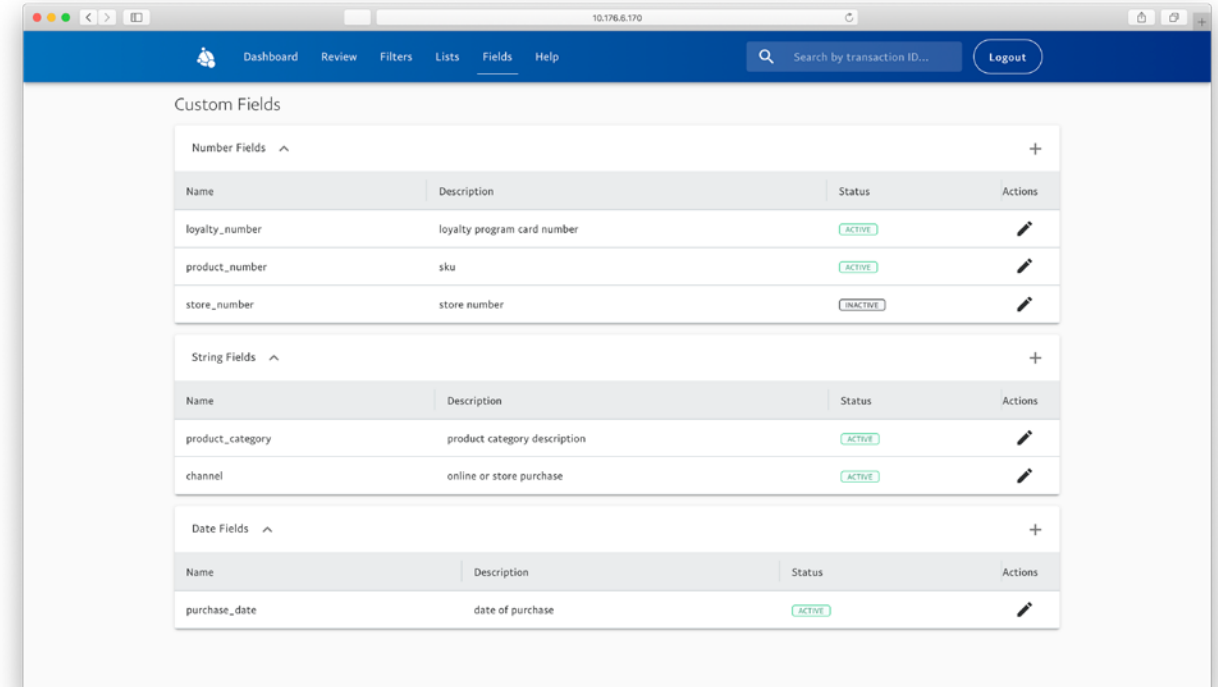
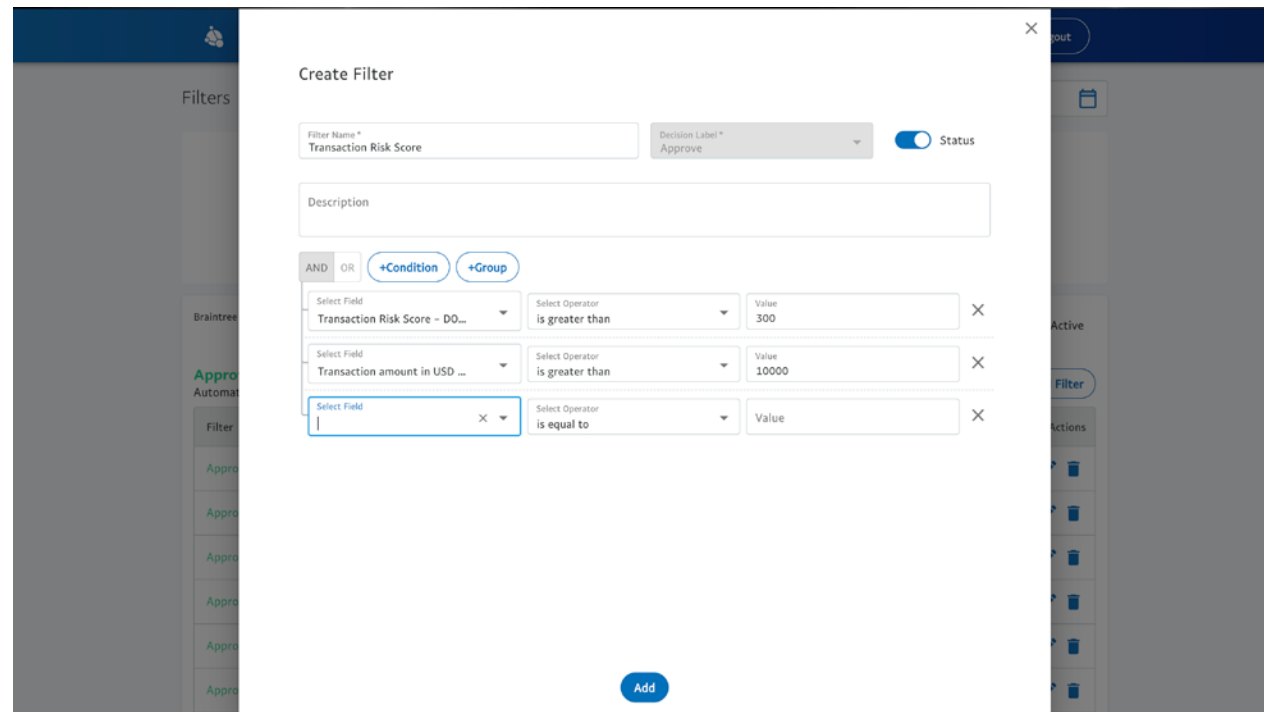
The rich data from the PayPal 2-Sided Network along with our ability to offer a customised, integrated solution enables you to help you achieve high performance on fraud decision making that can lead to lower chargebacks, less customer friction and fewer declines of legitimate customer transactions, helping drive business growth.

In addition to enhanced risk data from PayPal, Fraud Protection Advanced empowers businesses with customised out-of-the-box filters, filter testing, filter recommendations and graph-based case management. The graph-based view depicts how transactions are linked through shared attributes, enabling you to better analyse and understand the transaction under review as well as other connected transactions and their shared attributes. This gives you a 360-degree view into transactions happening on your platform, and how potentially fraudulent transactions may be linked to others.

Fast and seamless integration

If companies are already processing with Braintree, they can access Fraud Protection Advanced almost immediately. This is a huge advantage when compared to other standalone solutions, which typically require weeks to months of installation time.





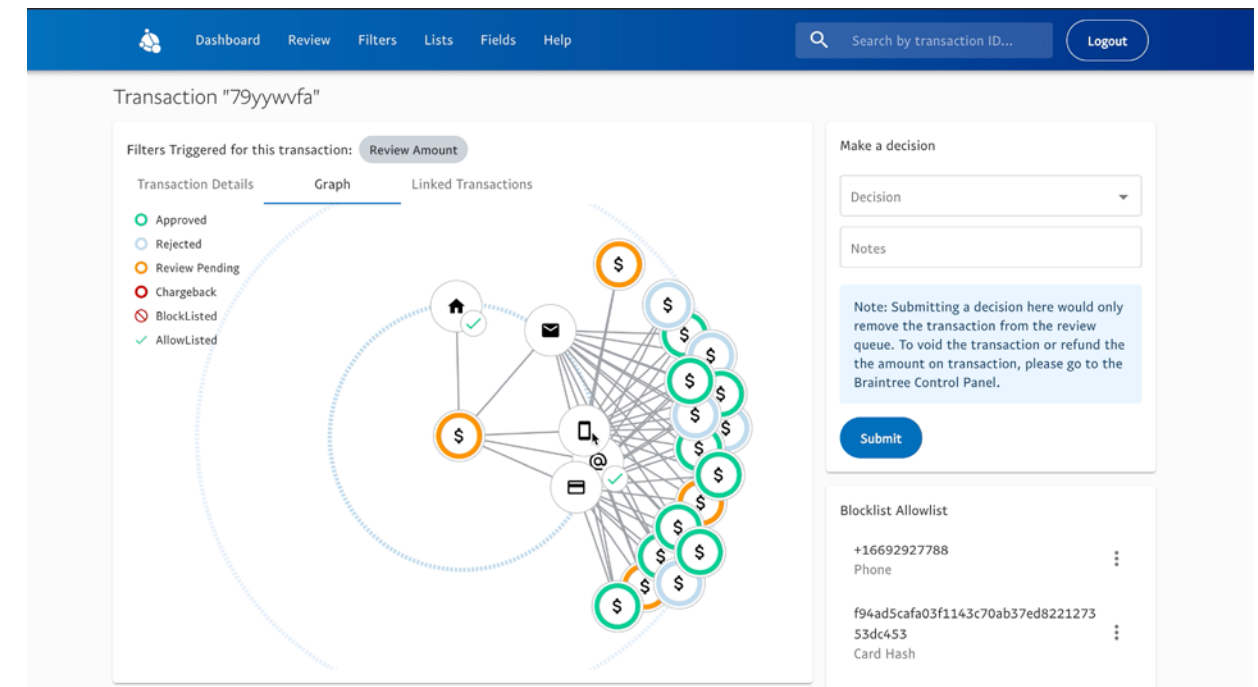
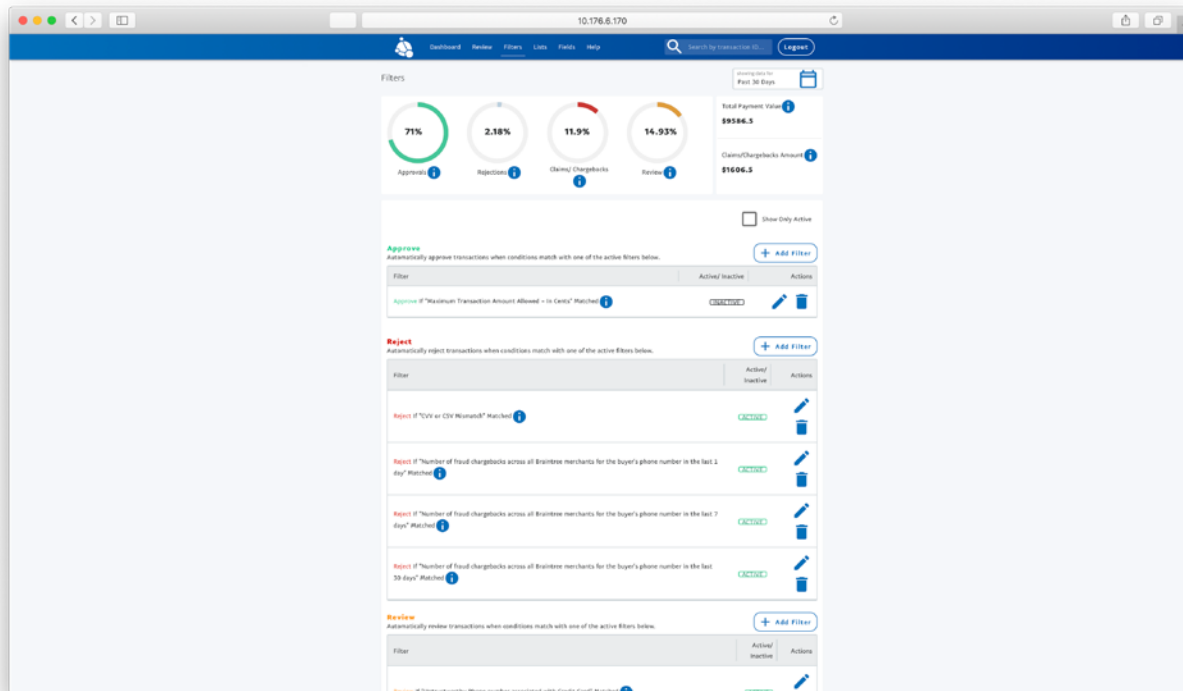
Illustrative purposes only.

Customised filters

Use tailored, out-of-the-box filters based on your business metrics, or create your own with complex logic and customised fields. Leverage over 200 pre-calculated features in customised filter sets.

Customised fields

Use customised fields to write strategies suited for your business. Add up to 40 number fields, 40 string fields and 20 date fields.



Illustrative purposes only.

Filter simulation

Understand the impact of filter changes and the impact of newly created filters before you activate them.

Graph view

Visually display connections to help you understand how transactions are linked through shared attributes.



Conclusion

It may be time to take the next step in securing your platform against fraud — because risk management isn't optional

Fraud continues to grow in complexity and intensity as fraudsters look for any possible way to circumvent fraud mitigation efforts. Fraud prevention solutions that can't keep up with ever-evolving tactics leave companies vulnerable to attacks and unable to protect their business and reputation. Customer expectations for smooth online experiences are no longer nice-to-haves, but must-haves, and traditional fraud solutions create customer insult due to their inability to secure platforms without treating legitimate customers and fraudsters the same as one another.

PayPal Fraud Protection Advanced helps companies have the intelligence they may need to differentiate legitimate customers from fraudsters and analyse transactions to proactively reduce fraud before it happens. With advanced features that you may not find in other standalone solutions and the rich data gleaned from over 20 years of Fintech experience, Fraud Protection Advanced helps enable businesses to shift to a digital-first model that reduces friction and manual reviews, improves operational efficiency, and creates a more secure platform to help stop fraudsters and delight customers.

The future of fraud prevention is now, and it's here with PayPal Fraud Protection Advanced.

The content of this ebook is provided for informational purposes only. You should always obtain independent business, tax, financial and legal advice before making any business decision.

- [1 Global increase in cyber fraud risk since the coronavirus outbreak](#), Statista, August 2020.
- [2 Fraud detection and prevention market worldwide 2016-2022](#), Statista, November 2020.
- [3 PayPal Q4 and FY 2020 Operating Highlights](#).



About PayPal

PayPal has remained at the forefront of the digital payment revolution for more than 20 years. By leveraging technology to make financial services and commerce more convenient, affordable and secure, the PayPal platform is empowering more than 330 million consumers and merchants in more than 200 markets to join and thrive in the global economy.