MARQETA

Real-Time Decisioning

Protect your card payments with Marqeta's Real-Time Decisioning solution
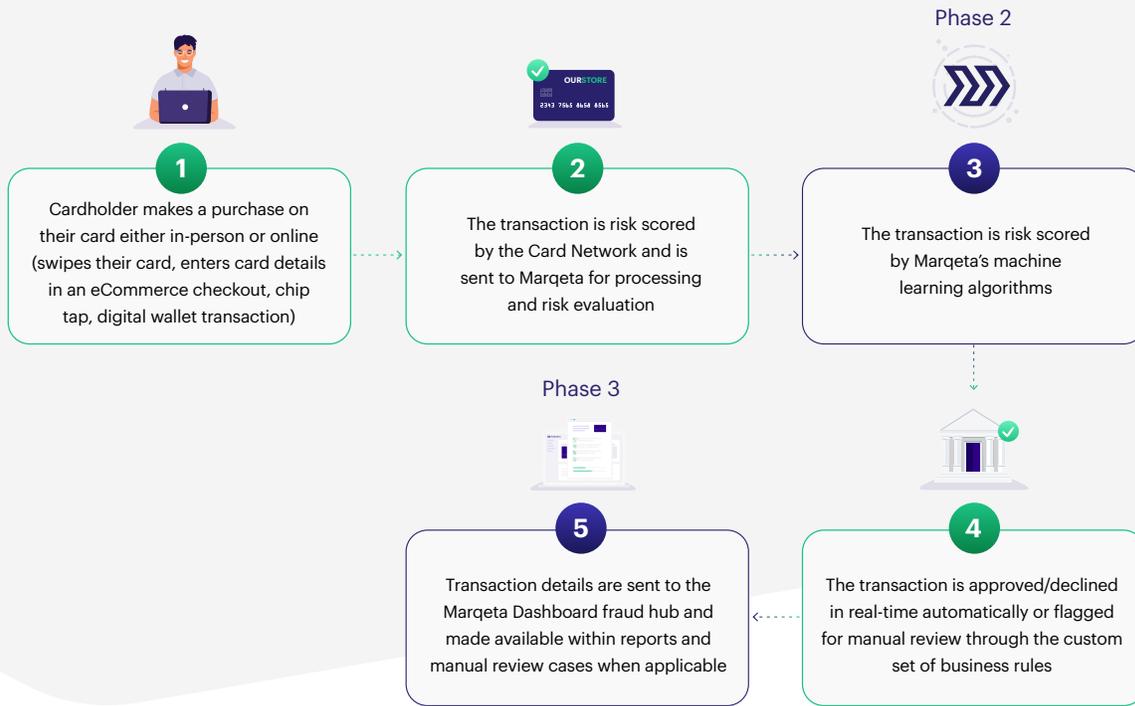
Overview

Card payments have steadily increased to significant levels, with more than 200 billion card payments processed in 2020 worldwide[1]. As payment cards continue to thrive and additional use cases in digital wallets and online payments surge, this number seems poised to continue to grow. Unfortunately, card payment fraud is rising too, with card issuer fraud losses worldwide increasing to $19.59 billion in 20192. Additionally, card issuers accounted for 68.39% of gross fraud losses worldwide according to the 2020 Nilson Report[2].

Solution

Marqeta's Real-Time Decisioning solution provides card programs the tools they need to help stay a step ahead of fraud. Card programs can set a group of business rules based on more than three hundred possible data attributes, leveraging card, user, and transaction events, to determine what transactions should be approved or declined within these custom thresholds. For each transaction, Marqeta ingests card network risk scores and delivers a real-time alert if a rule has been challenged. From here, a transaction can be automatically approved, declined or moved to a step-up authentication model that allows card programs to manually review these potentially suspicious transactions. This process enables card programs to have indepth insight and real-time control over their card payment transactions and ensure they're only accepted in accordance with a stringent set of business rules.
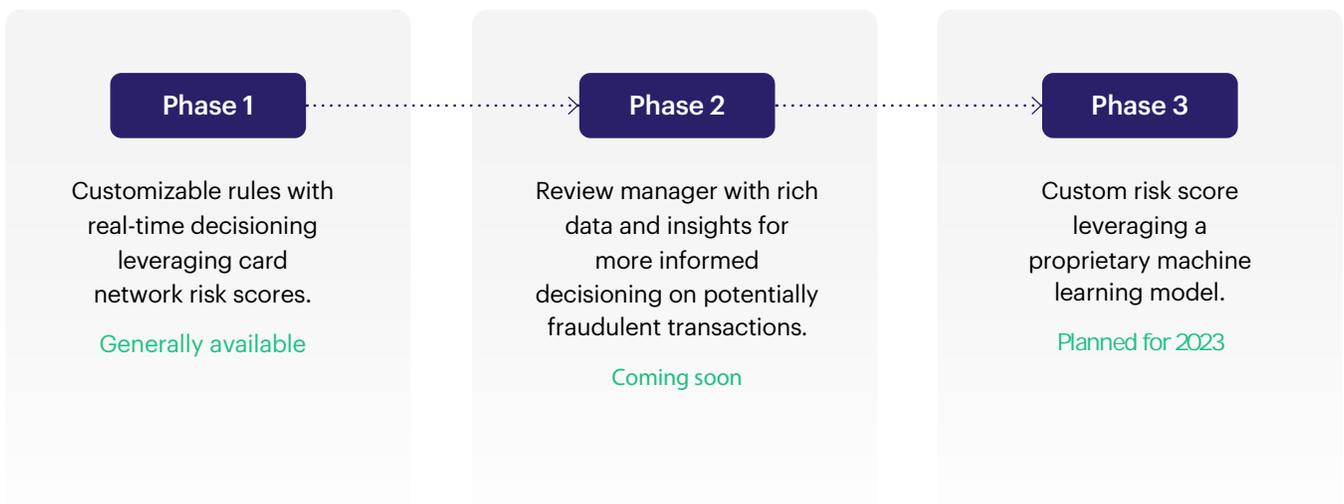
Marqeta's Real-Time Decisioning solution is built for booming startups and large enterprises alike, providing a flexible set of tools to combat ever evolving fraud threats.

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How it works

1 Cardholder makes a purchase on their card either in-person or online (swipes their card, enters card details in an eCommerce checkout, chip tap, digital wallet transaction)

2 The transaction is risk scored by the Card Network and is sent to Marqeta for processing and risk evaluation

Phase 2

3 The transaction is risk scored by Marqeta's machine learning algorithms

Phase 3

5 Transaction details are sent to the Marqeta Dashboard fraud hub and made available within reports and manual review cases when applicable

4 The transaction is approved/declined in real-time automatically or flagged for manual review through the custom set of business rules

Scheduled Phases

*Please note that these phases reflect our current roadmap and may change.

Phase 1

Customizable rules with real-time decisioning leveraging card network risk scores.

Generally available

Phase 2

Review manager with rich data and insights for more informed decisioning on potentially fraudulent transactions.

Coming soon

Phase 3

Custom risk score leveraging a proprietary machine learning model.

Planned for 2023

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Additional features and benefits

Mitigate card payment fraud losses

Set custom rules and provide transaction decisions in real-time to fight against fraudulent transactions before they are authorized.

Reduce cardholder disputes and chargebacks

Get in front of fraud to avoid costly and time intensive disputes on the back end.

Enable a frictionless cardholder payment experience

Ensure good transactions are accepted swiftly and risky transactions are flagged or declined.

Gain robust insight into fraud data and trends

A rich set of analytics provides card programs with real-time information on fraud performance and trends.

Are you interested in leveraging Marqeta Real-Time Decisioning solution?

If you are a current customer, please reach out to your Customer Success Manager to learn more.

If you would like to build a custom card program with Marqeta, please contact us here.

Sources

1: Visa, MasterCard, UnionPay transaction volume worldwide, July 2021, https://www.statista.com/statistics/261327/number-of-per-card-credit-card-transactions-worldwide-by-brand-as-of-2011/#:~:text=Indeed%2C%20roughly%20188%20billion%20purchase,found%20within%20the%20United%20States

2: The Nilson Report, December 2020, https://nilsonreport.com/mention/1313/1link/