

# Decision Manager Replay



## Predict the impact of fraud strategies

When fine-tuning fraud strategies, the fact it can take around three months to gather enough new data to assess the impact of any rules change presents a challenge. Over several iterations it can be a year or more before you've identified rules changes with a positive impact on your business. And fraud trends evolve faster.

With Decision Manager Replay you can test different 'what-if' fraud strategies against your historical transaction data, in real-time. This lets you rapidly assess the impact of rules changes on your fraud management strategy before putting them into production. As a result, you can more quickly identify the best rule changes to implement in your live environment.

“ Compress months of learning into less than a couple of hours.

## Key features

- Enables testing of different fraud strategies against past transactions, in real time – before using in production
- Provides summary and detailed reports showing the impact of each rule change
- Gives insight into impact on orders accepted, rejected and sent to manual review
- Enables the design and testing of new rules and profiles
- Supports analysis using twelve months of transaction history

## Key benefits

- Test fraud strategy changes with 'what if?' rules analysis
- Tune fraud rules faster with insight from real-time analysis
- Compare multiple fraud strategies, then choose the best one
- Evaluate changes to rules profiles before entering new areas

## Test fraud strategy changes with 'what if?' rules analysis

With Decision Manager Replay you can test the effect of new fraud rules against your historical transaction data. This shows you exactly what would have happened in terms of accept/reject, chargeback, and manual review rates had those rules been in place then, giving you evidence for their effect in future.

## Tune fraud rules faster with insight from real-time analysis

Rather than changing fraud rules and then waiting months to see their impact, with Decision Manager Replay you can test the results of rule changes in real time. This lets you dramatically shorten your tuning cycle. You can then rapidly adapt your fraud strategy to evolving fraud trends and new circumstances.

## Compare multiple fraud strategies, then choose the best one

What would the different outcomes for your business be of alternative fraud strategies? With Decision Manager Replay, you can test your historical transactions against different rulesets in minutes and compare their different outcomes. You can then easily tweak and retest until you get the optimal result.

## Evaluate changes to rules profiles before entering new areas

Before entering a new market, or launching a new product, you can create a new rules profile with adjustments tailored to the characteristics of that market or product. Then, test the effect of that modified profile against your existing transaction data to evaluate its likely impact. And help optimize your rules as necessary.



## How it works

- Use Rules Suggestion Engine, create new rules, or make changes to existing rules you wish to test for possible new fraud strategies
- Test the impact of these new fraud strategies on your historical data from the past year with Decision Manager Replay
- Evaluate the results and iterate fraud rules as required
- Put the best new ruleset live in your production environment to help minimize fraud, reduce manual review and improve acceptance

## Contact us

For a complete list of worldwide offices, go to: [www.cybersource.com/locations](http://www.cybersource.com/locations)

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