



v.2.03.01



Search

10



Blocked transactions

Add filter

YEAR This Year

MONTH This Month

Export

NEW

Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
13299	Geolocation Anomaly	unassigned	Company X	USD 1'219.98	TH	17.09.2024 11:35:55
13295	Sanctioned Country	unassigned	M Müller	USD 514.15	RU	17.09.2024 11:30:45

...

IN REVIEW

Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
13292	Rapid Succession	User A	Incorp AG	EUR 50.00	DE	17.09.2024 10:05:10
13288	Foreign IP	User B	Company Z	CHF 100.00	CN	17.09.2024 09:45:21

...

RESOLVED

Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
13287	High Amount	User A	Trading AG	EUR 14'250.00	PL	17.09.2024 09:15:32

...



FDS/concept/

LOGIN

User

Password

LOGIN

System's **certainty** that a transaction is fraudulent. A higher confidence score indicates that the transaction closely matches previously identified fraud patterns, while a lower score reflects more uncertainty in the AI's prediction.

SHAP values show how much each feature (e.g., geolocation, transaction amount) contributed to the AI's decision to flag a transaction. **Positive SHAP values** increase the likelihood of fraud, while **negative SHAP values** reduce it.

This summary is **AI-generated** and may include errors or require further validation by human experts.

Analysis provides a numerical score that reflects the likelihood of a transaction being fraudulent, based on the system's analysis. If the score exceeds a predefined threshold, the transaction is flagged for further review.

Widget highlights **geolocation data** related to the cardholder's recent transactions. It shows where and when transactions occurred, helping identify suspicious activity based on unusual or geographically improbable patterns

Section integrates **external data** sources, such as search engine results or third-party reports, to provide additional context for flagged transactions.



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Search

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Status NEW

BLOCKED | AI

Alert ID 13299

Reason Geolaction Anomaly

Assigned to unassigned

Assign to me

Escalate

Resolve

AI Confidence^①

91%

The AI is **highly confident** (>90%) that this card transaction is fraudulent.

Feature Impact^①

SHAP Value (Impact on Model Output)

-0.20 -0.10 +0.00 +0.10 +0.20 +0.30 +0.40

Geolocation

Timing

Behavioural Anomaly

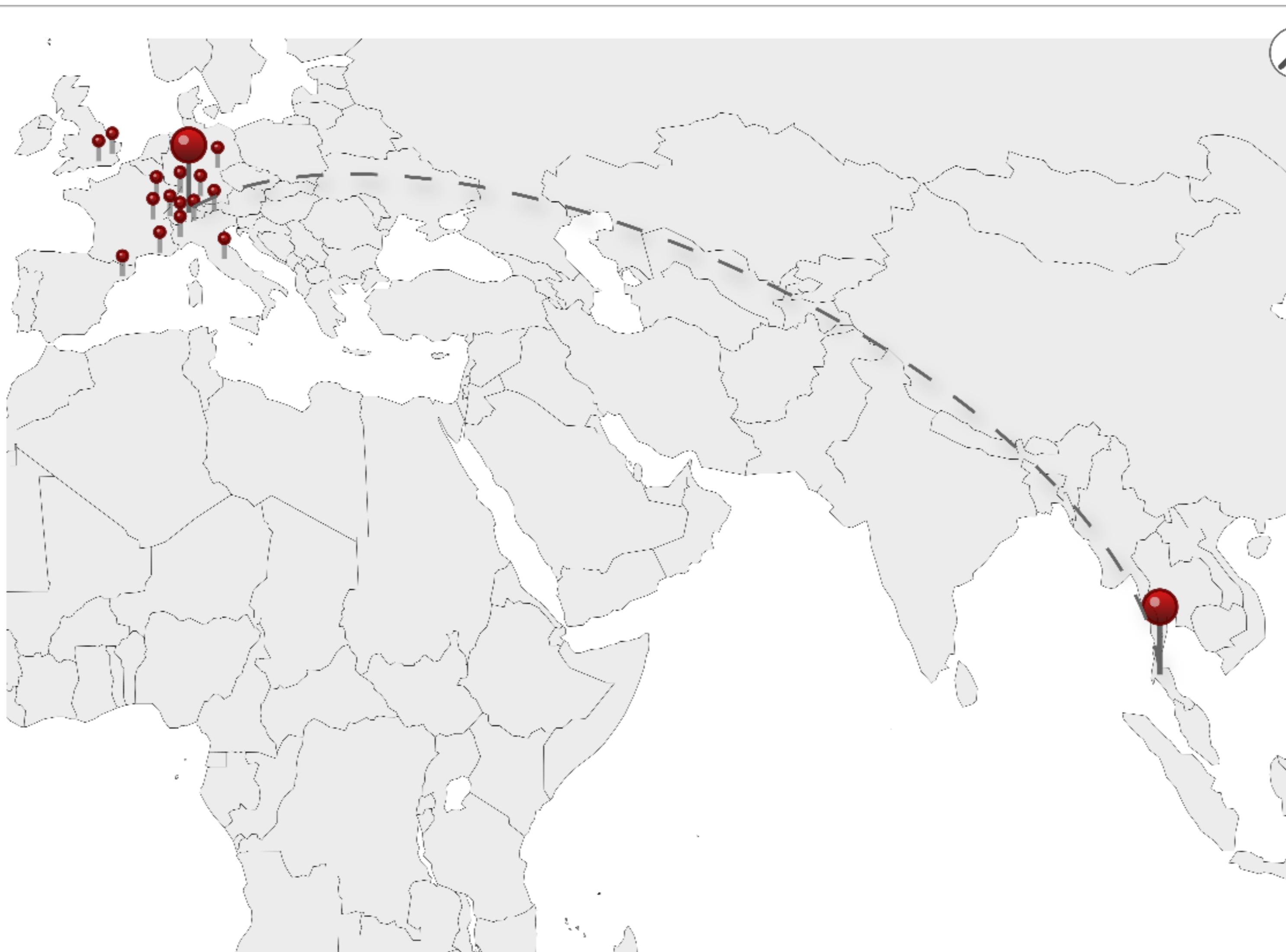
Country Risk

Transaction Type

Transaction Amount

Geolocation Activity^①

< 3/12 >

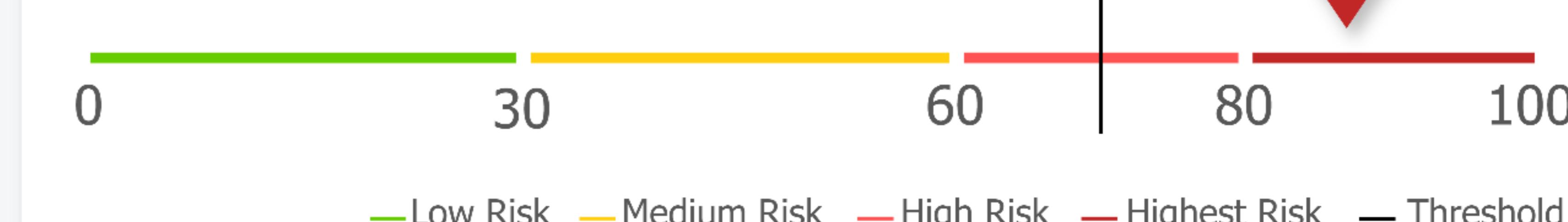


Last transactions with same card

Date Time (User Time)	Place, Country	Transaction ID	Amount (FC)
17.09.2024 10:46	Zurich, CH	T987654321	904.78 CHF
16.09.2024 15:30	Geneva, CH	T987654322	346.49 CHF
15.09.2024 18:20	Lyon, FR	T987654323	120.95 EUR
14.09.2024 09:12	Lyon, FR	T987654324	50.15 EUR
13.09.2024 11:45	Basel, CH	T987654325	296.07 CHF
...

Alert Summary^①

BLOCKED due **GEOLOCATION ANOMALY**. This card transaction in **THAILAND** was executed **49 minutes** after the last transaction in **SWITZERLAND**.

Risk Score Analysis^①

86

Client Profile

Name	Company X	Recent Activity (Last 7 Days)	21 Transactions
Client ID	123456789	Transaction Volume (Last 30 Days)	15'000 CHF
Incorporation Date	01.01.1989	Flagged Incidents (last 90 Days)	2
Address	Bahnhofstrasse 1234, Zurich, Switzerland	Previous Fraud Cases	-
Client Type	Corporate Client	Card Type	Business Debit Card
Client Risk Level	Low Risk	Card Status	Active
Industry	Manufacture and sale of furniture	Issued Date	01.05.2023
Email	employeea@companyx.com	Linked Cards	1234 - Employee A 5678 - Employee B
Phone	+41 44 123 4567		

External Data^①

Releated information on: [BitConnect Co. Ltd](#)

"BitConnect Co. Ltd has been flagged in several reports related to cryptocurrency scams."
[\[Expand for more details\]](#)

"Trust Pilot rating: 1.5/5. Numerous reports of fraudulent behaviour and scams, including unverified transactions."
[\[Expand for more details\]](#)

"Bangkok Post: Thai Government Shuts Down More Fraudulent Cryptocurrency Scheme"
[\[Expand for more details\]](#)



v.2.03.01

Search



Flagged approved transactions

Add filter 

YEAR This Year

MONTH This Month

Export

NEW

Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
13211	Unusual Time of Day	unassigned	Company A	EUR 342.10	DE	16.09.2024 04:25:37
13100	Repeated Declines	unassigned	Import Inc	EUR 1'000.00	FR	14.09.2024 17:10:16

ESCALATED

Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
13292	Rapid Succession	User A	Incorp AG	EUR 50.00	DE	17.09.2024 10:05:10

IN REVIEW

Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
12984	Unusual Device	User B	Company Y	CHF 210.00	CH	13.09.2024 07:00:01
12979	High Risk Country	User C	ACME	ZAR 8'514.90	ZA	11.09.2024 14:41:21

RESOLVED

Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
13287	Unusual Device	User A	Trading AG	EUR 14'250.00	PL	17.09.2024 09:15:32

Blocked transactions are **blocked** in **real-time** due to a rule break or the AI detecting suspicious activity.

The accuracy metric shows the % of transactions that were **correctly classified** (true positive or true negative) out of all transactions processed.

The FPR rate shows the % of transactions that were **incorrectly flagged as fraudulent** by the system (i.e., non-fraudulent transactions mistakenly blocked or flagged for review).

The FNR shows the % of transactions that were **incorrectly classified as non-fraudulent** by the system (i.e., approved and not flagged).

Flagged transactions are **approved card transactions** that were found suspicious during **post-hoc analysis** by the AI.



Comment*

• • •

Add File(s)



Identified Fraud Type

Card-not-present (CNP)



 **Report an Issue**

Assign to me

Escalate

Not a Fraud

Resolved



v.2.03.01



Search

10



All card transactions

Add filter

YEAR This Year

MONTH This Month

STATUS AUTO-CLOSED

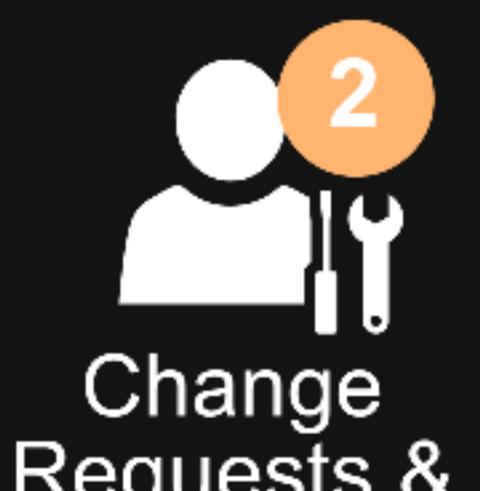
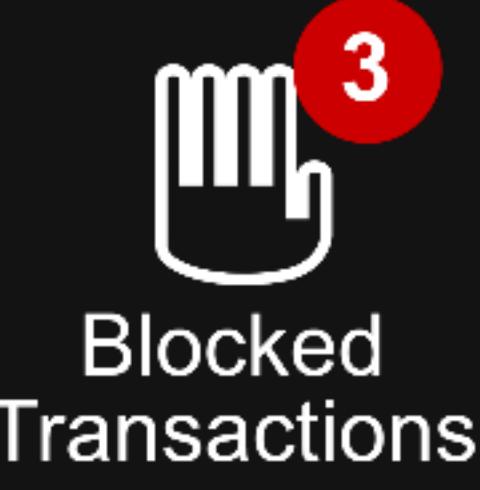
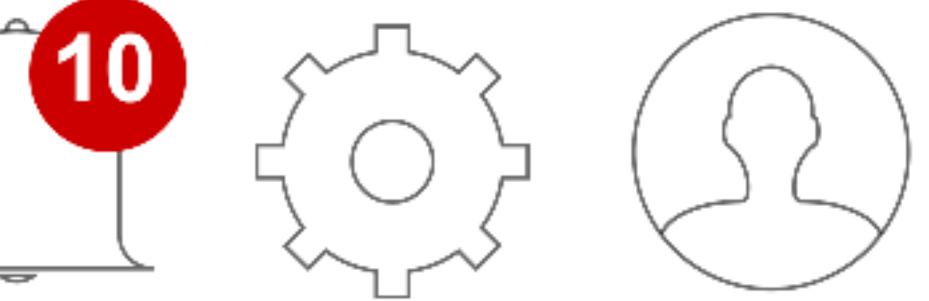
Export

Search results

Status	Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time (local)
Auto-closed	13101	High Risk Country	unassigned	Company X	USD 1'219.98	HT	17.09.2024 11:35:55
Auto-closed	13100	High Risk Country	unassigned	M Müller	USD 514.15	RU	17.09.2024 11:30:45

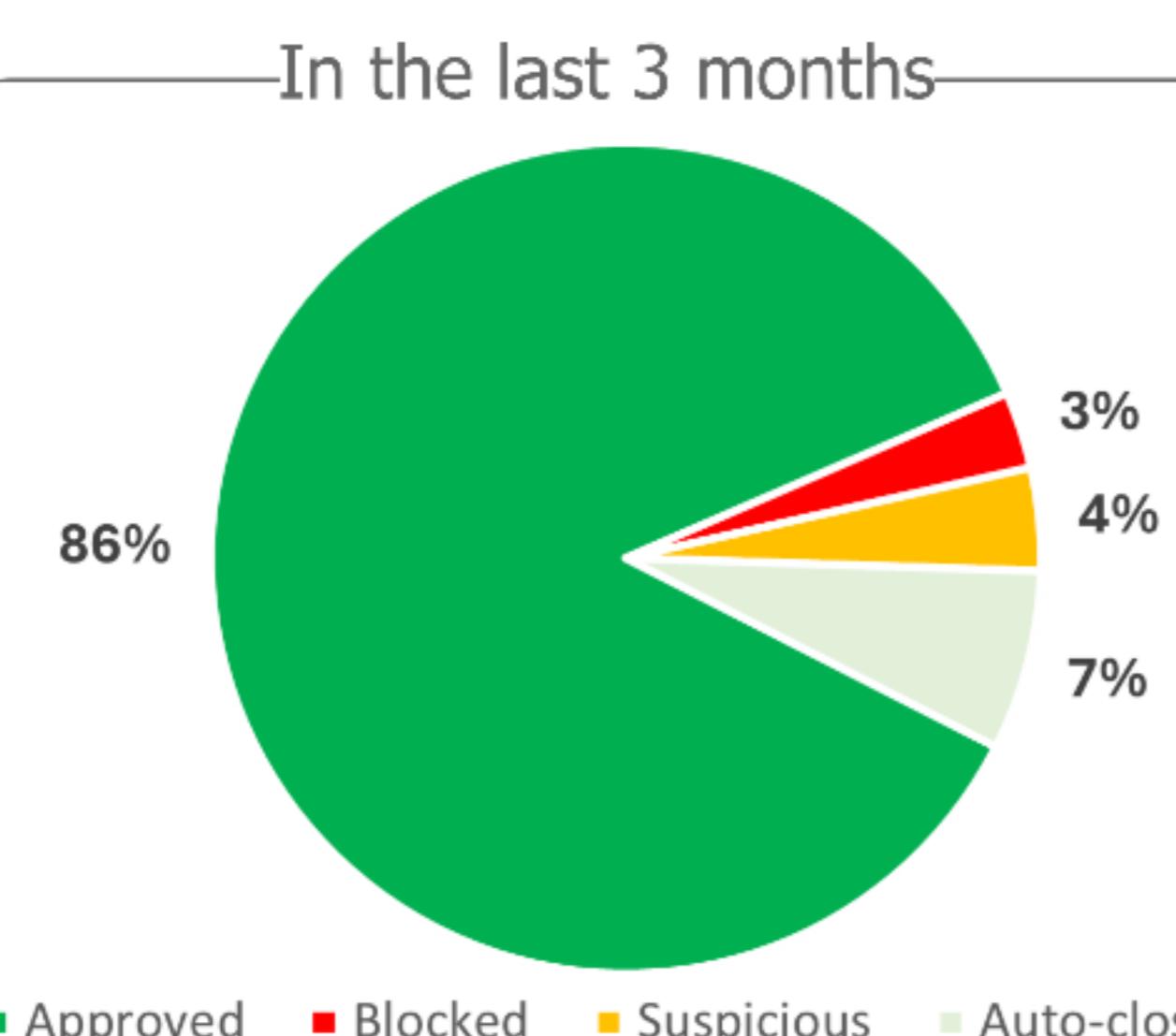
v.2.03.01

Search



• • •

Card Transactions



Accuracyⁱ

Currently at
95.50%

Change from previous month

+0.30%

False Positive Rateⁱ

Currently at
0.80%

Change from previous month

-0.10%

False Negative Rateⁱ

Currently at
0.40%

Change from previous month

+0.05%

Blocked Transactionsⁱ

New alerts
3
In review
6

-4.00%
new alerts compared to last month

System Alerts

- ! Action needed | Accuracy below 96.00% threshold
- i Warning | Card Transaction volume 20.00% higher than usual
- i Warning | Increase in false negatives in the past 3 days

Flagged Transactionsⁱ

New alerts
7
In review
13

+2.00%
new alerts compared to last month

Recently Blocked Card Transactions

Status	Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time
NEW	13299	Geolocation Anomaly	unassigned	Company X	USD 1'219.98	TH	17.09.2024 11:35:55
NEW	13295	Sanctioned Country	unassigned	M Müller	USD 514.15	RU	17.09.2024 11:30:45
In review	13292	Rapid Succession	User A	Incorp AG	EUR 50.00	DE	17.09.2024 10:05:10
In review	13288	Foreign IP	User B	Company Z	CHF 100.00	CN	17.09.2024 09:45:21
Resolved	13287	High Amount	User A	Trading AG	EUR 14'250.00	PL	17.09.2024 09:15:32

• • •

Flagged Approved Card Transactions

Status	Alert ID	Reason	Assigned to	Client	Amount	Country	Date Time
NEW	13211	Unusual Time of Day	unassigned	Company A	EUR 342.10	DE	16.09.2024 04:25:37
NEW	13100	Repeated Declines	unassigned	Import Inc	EUR 1'000.00	FR	14.09.2024 17:10:16
Escalated	13025	Unusual Merchant	Senior User	A GmbH	EUR 4'000.15	DE	14.09.2024 10:05:10
In review	12984	Unusual Device	User B	Company Y	CHF 210.00	CH	13.09.2024 07:00:01
In review	12979	High Risk Country	User C	ACME	ZAR 8'514.90	ZA	11.09.2024 14:41:21

• • •



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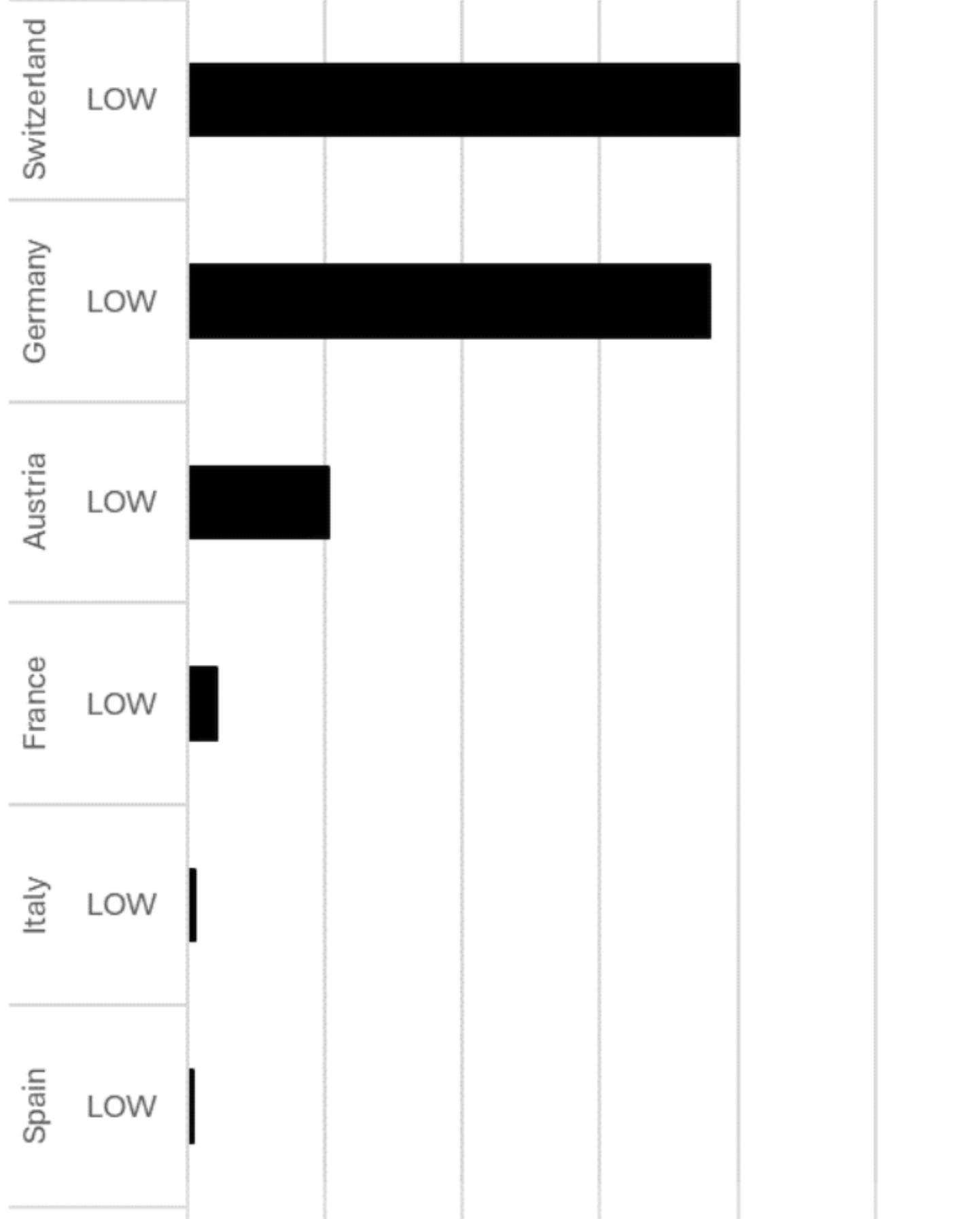


(i)

Country Distribution

Transaction volume in the last
30 days

0 50'000 100'000 150'000 200'000 250'000



...

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Search

10



Status NEW

BLOCKED | RULE

Alert ID 13295

Reason Sanctioned Country

Assigned to unassigned

Assign to me

Escalate

Resolve

Breach of rules ⁱ

The following rule lead to alert:

SANCTIONED COUNTRY

Transaction ID		T987654321	
Amount (Foreign Currency)	USD 1'219.98	Merchant	BitConnect Co. Ltd
Amount	CHF 1'026.28	Transaction Type	Online Transaction
Date Time (Local Time)	17.09.2024 16:35:55	Client Account	Company X
Date Time (User Time)	17.09.2024 11:35:55	Cardholder	Employee A
Place, Country	Bangkok, Thailand	Card Number (Last 4 Digits)	1234

Sanctioned Countries ⁱ

< 12/12 >

Bulgaria	Nigeria
Burkina Faso	Philippines
Cameroon	Senegal
Croatia	South Africa
Democratic Republic of the Congo	South Sudan
Haiti	Syria
Kenya	Tanzania
Mali	Venezuela
Monaco	Vietnam
Mozambique	Yemen
Namibia	

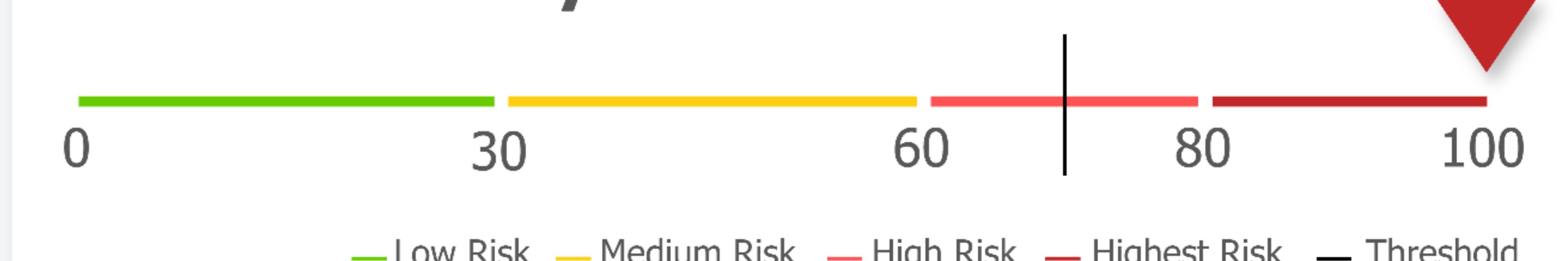
Last transactions with same card

Date Time (User Time)	Place, Country	Transaction ID	Amount (FC)
17.09.2024 10:46	Zurich, CH	T987654321	904.78 CHF
16.09.2024 15:30	Geneva, CH	T987654322	346.49 CHF
15.09.2024 18:20	Lyon, FR	T987654323	120.95 EUR
14.09.2024 09:12	Lyon, FR	T987654324	50.15 EUR
13.09.2024 11:45	Basel, CH	T987654325	296.07 CHF
...

Alert Summary ⁱ

BLOCKED due **SANCTIONED COUNTRY**. This card transaction in **RUSSIA** was executed in a **SANCTIONED COUNTRY**.

Risk Score Analysis ⁱ

**100**

Client Profile

Name	Company X	Recent Activity (Last 7 Days)	21 Transactions
Client ID	123456789	Transaction Volume (Last 30 Days)	15'000 CHF
Incorporation Date	01.01.1989	Flagged Incidents (last 90 Days)	2
Address	Bahnhofstrasse 1234, Zurich, Switzerland	Previous Fraud Cases	-
Client Type	Corporate Client	Card Type	Business Debit Card
Client Risk Level	Low Risk	Card Status	Active
Industry	Manufacture and sale of furniture	Issued Date	01.05.2023
Email	employeea@companyx.com	Linked Cards	1234 - Employee A
Phone	+41 44 123 4567		5678 - Employee B

External Data ⁱ

Related information on: **Russia**

"FATF (Financial Action Task Force on Money Laundering) puts Russia on Sanctioned Country list..."

[Expand for more details]

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Search

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FDS Performance

Add filter

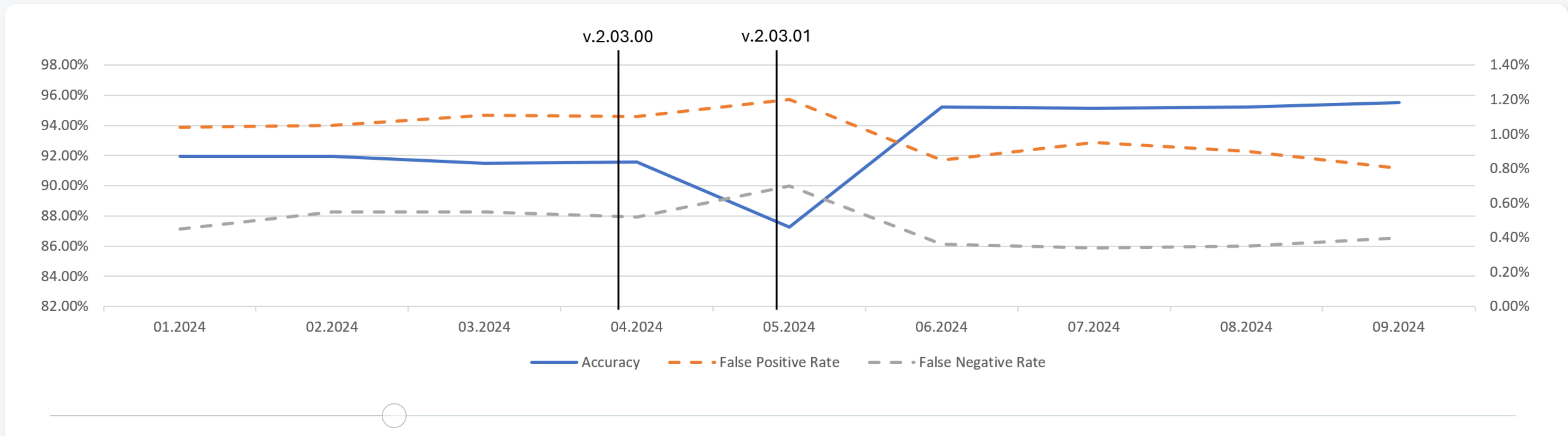
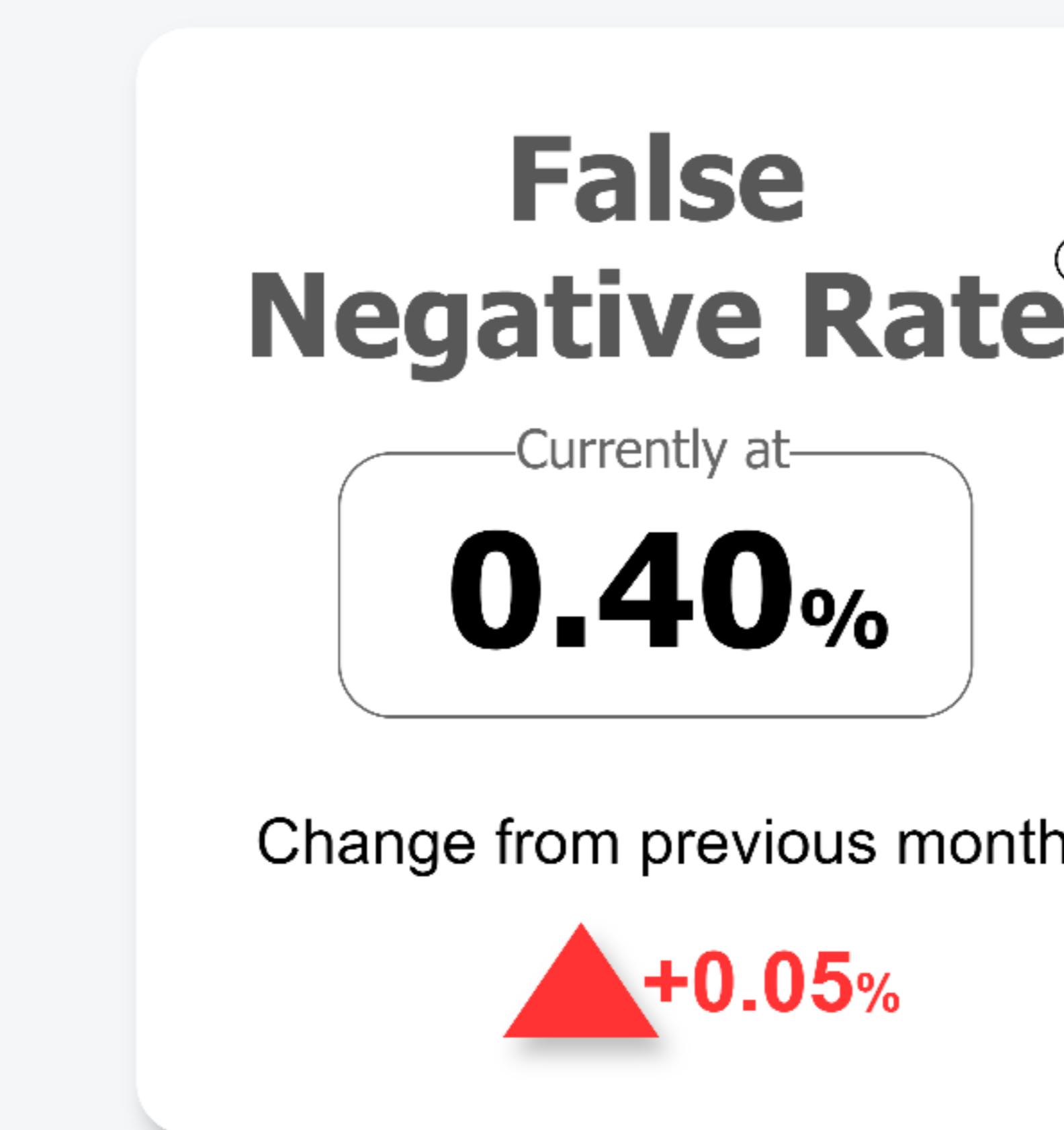
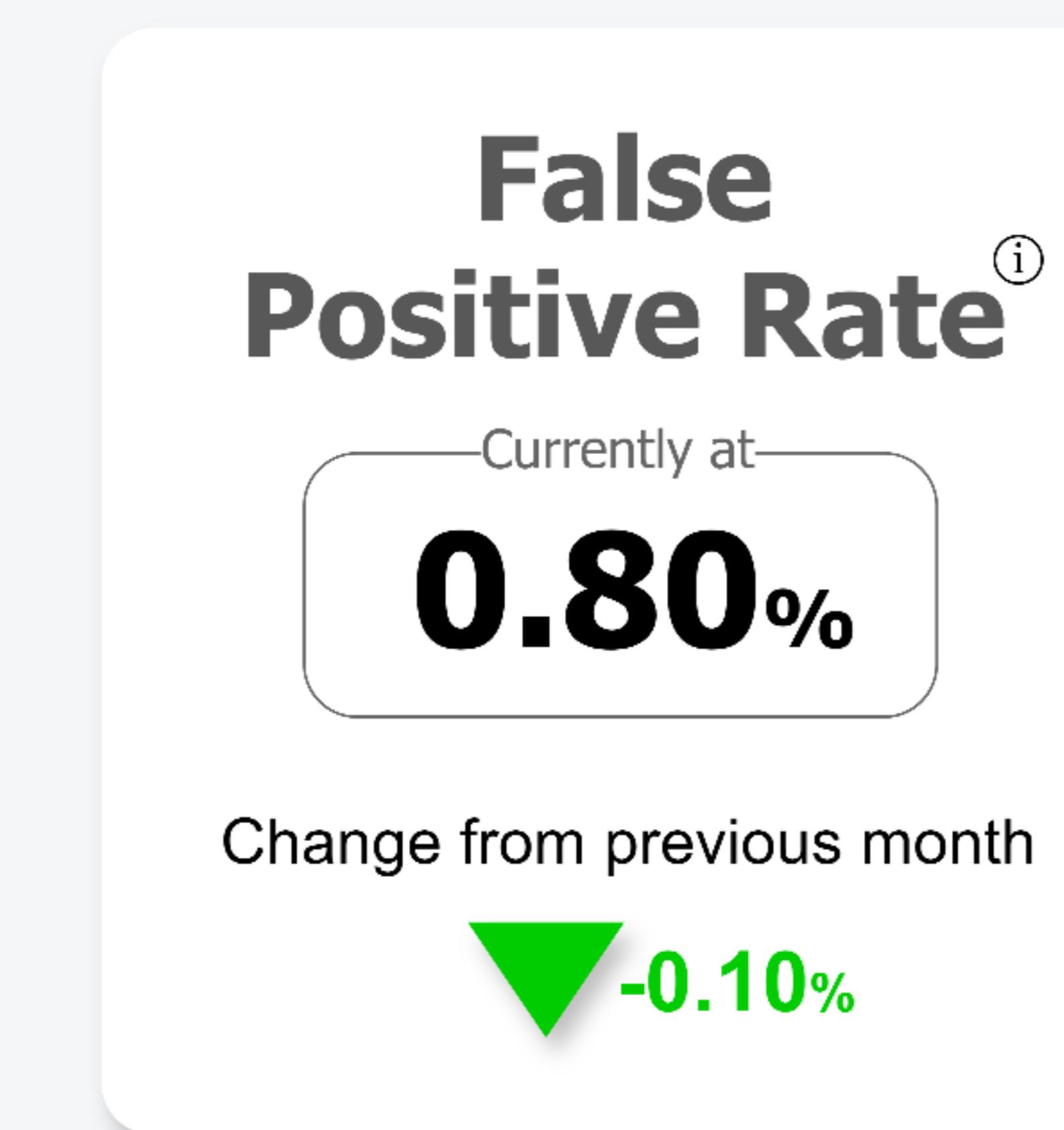
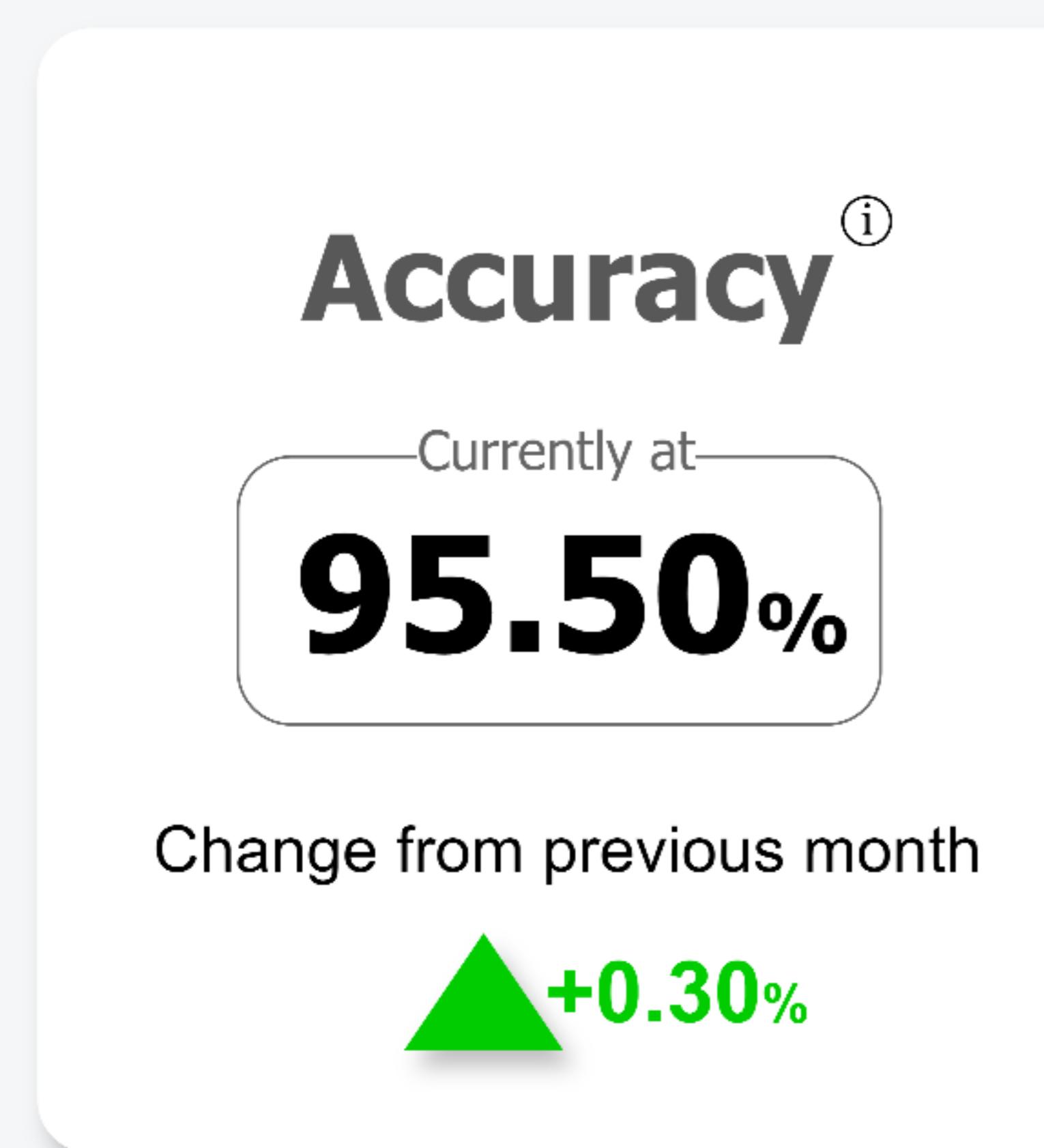
YEAR This Year

METRIC Accuracy

METRIC False Positive Rate

METRIC False Negative Rate

Export





v.2.03.01



Search

10



Status AUTO-CLOSED

FLAGGED | AI

Alert ID 13101

Reason High Risk Country

Assigned to unassigned

Report an issue

Flag as fraud

AI Confidenceⁱ

91%

The case was auto-closed with a certainty of 91% (highly confident) despite identified risk.

Analysisⁱ

8

country matches the customer's behaviour

6

country matches the customer profile

6

Transaction fits the pattern of recent transactions

4

....

3

...

Transaction ID	T987654321		
Amount (Foreign Currency)	USD 1'219.98	Merchant	Truck Rent Haiti
Amount	CHF 1'026.28	Transaction Type	POS
Date Time (Local Time)	17.09.2024 16:35:55	Client Account	Company X
Date Time (User Time)	17.09.2024 11:35:55	Cardholder	Employee A
Place, Country	Haiti	Card Number (Last 4 Digits)	1234

High Risk Countriesⁱ

< 13/13

Bulgaria	Nigeria
Burkina Faso	Philippines
Cameroon	Senegal
Croatia	South Africa
Democratic Republic of t	South Sudan
Haiti	Syria
Kenya	Tanzania
Mali	Venezuela
Monaco	
Mozambique	Vietnam
Namibia	Yemen

Last transactions with same card

Date Time (User Time)	Place, Country	Transaction ID	Amount (FC)
17.09.2024 10:46	Haiti	T987654321	904.78 CHF
16.09.2024 15:30	Mali	T987654322	346.49 CHF
15.09.2024 18:20	Kenya	T987654323	120.95 EUR
14.09.2024 09:12	Lyon, FR	T987654324	50.15 EUR
13.09.2024 11:45	Basel, CH	T987654325	296.07 CHF
...
...

Alert Summaryⁱ

FLAGGED due HIGH RISK COUNTRY. This card transaction in was executed in HAITI.

Risk Score Analysisⁱ

Client Profile

Name	Company X	Recent Activity (Last 7 Days)	21 Transactions
Client ID	123456789	Transaction Volume (Last 30 Days)	15'000 CHF
Incorporation Date	01.01.1989	Flagged Incidents (last 90 Days)	2
Address	Bahnhofstrasse 1234, Zurich, Switzerland	Previous Fraud Cases	-
Client Type	NGO (NON-PROFIT ORG.)	Card Type	Business Debit Card
Client Risk Level	Low Risk	Card Status	Active
Industry	Food supply	Issued Date	01.05.2023
Email	employeea@companyx.com	Linked Cards	1234 - Employee A 5678 - Employee B
Phone	+41 44 123 4567		

External Dataⁱ

Related information on: [Haiti](#)

"Haiti: Travel and safety advice (Travel warning)"
[Expand for more details]

"Haiti - latest news. Numerous reports of deaths"
[Expand for more details]

"Bangkok Post: Thai Government Shuts Down More Fraudulent Cryptocurrency Scheme"
[Expand for more details]