Orbipay AIQ, *powered by Socure*

Instant Payments Fraud Prevention

While instant payments are an important component of payments modernization, growing adoption brings unique fraud risks. Instant payments require real-time fraud prevention. To address this need, Alacriti has partnered with Socure to offer Orbipay AIQ, powered by Socure. Orbipay AIQ enables financial institutions that are on the Cosmos Payments Hub to access integrated synthetic identity fraud prevention for instant payments.

Orbipay AIQ is a cloud-based, machine learning-based fraud prevention solution designed to manage fraud and risk associated with instant payments processed through Cosmos Payments Hub payment rails such as The Clearing House's (TCH) RTP® network, the FedNow℠ Service, and Visa Direct—or conventional payments such as ACH or Wires.

Orbipay AIQ can be deployed to augment a financial institution's existing fraud detection system or act as a stand-alone system. The solution is proactive, enabling it to analyze and score individual senders and receivers of transactions prior to the transaction being processed through a specific payment rail. Financial institutions can also set up customized tolerance levels to better control individual organizational preferences.

FRAUD CHALLENGES

Changing Demographics
1.5 billion millennials and 3+ billion adults are "thin file" worldwide

Data Breaches
2021 identity fraud losses totaled $52 billion and affected 16.2% of adults in the U.S.[1]

Ever-Evolving Fraud
Attacks on new accounts grow 3x as transaction fraud detection matures

Ongoing Friction
Only 17% of online financial applications are completed, due to friction[2]

Source: Socure

[1] *Javelin Strategy & Research "The Virtual Battleground"*
[2] *Aite-Novarica Group*

RESULTS

Socure's technology addresses these problems by analyzing and correlating every facet of a digital identity, utilizing over 17,000 features, 8 billion rows of data, and a continuous feedback loop of decision outcomes from over 1,100 customers across industries to deliver the highest accuracy and auto-approval rates of new users. As the market leader, this identity graph approach is unique to Socure and not replicated by any other company in the industry.

Grow Your Business

Increase current auto-accept rates by more than

30-60%

One top ten retail bank increased approval rates and netted **$20M** in new customer revenue

Streamline Review Processes

Reduce manual review and KBA by more than

>50%

Cut Fraud

Reduce current fraud losses by

35-40%

One top ten bank saved **over $50M** in fraud losses

SOLUTION OVERVIEW

Orbipay AIQ modular platform orchestrates the entire user lifecycle, beginning with onboarding and mitigates specific identity verification use cases, returning a risk score and supporting reason codes. All Orbipay AIQ product modules are available through a single API.

RISK PRODUCTS

Sigma Fraud Suite

Sigma Identity Fraud employs an ML model trained with hundreds of predictors to detect the likelihood of identity fraud and risk.

- Top 10 credit issuer reduced fraud by 85%, saving over $50M in fraud losses
- Top 5 bank increased card portfolio fraud prediction accuracy by >4x over their existing solution, generating $36M in annual revenue

Sigma Synthetic Fraud is purpose-built and trained with consortium data to tackle fake and randomized synthetic patterns to produce highly accurate, real-time, actionable risk scores and reason codes, with 90% auto-capture in the riskiest 3% of users.

Sigma Device predicts risk associated with a device using data attributes such as IP, geolocation, device type, and device software. Sigma Device is the first application fraud solution that "binds" a device to the individual using the device to counter application fraud and validate customer logins.

Email, Phone, and Address RiskScores

RiskScores provide a risk score and a correlation value for email addresses, phone numbers, and physical addresses. Risk scores use ML models trained on email, phone, and address-specific variables and layered with 800 million rows of known good and known bad outcomes to predict the likelihood of fraud.

• Within the riskiest 3%, RiskScores identify between 41% and 46% of fraud with a good to bad ratio of 6:1

Correlation value is a discrete value that indicates the relationship between the customer name and either the email address, phone number, or physical address.

• Name/Email – 61% Match

• Name/Phone – 68% Match

• Name/Address – 88% Match

Alert List

Consortium database of first and third-party fraudulent identities, tagged, per industry, leveraging Socure's extensive client network. Socure's give-to-get model is updated weekly.

Alacriti's Orbipay AIQ, *powered by Socure,* **is available as an additional feature of the Cosmos Payments Hub.**

LEARN MORE

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Alacriti is a leading financial technology company with a comprehensive money movement and payments services platform, dedicated to helping our clients accelerate their digital transformation. Built on a flexible, cloud-native framework, our array of solutions allow clients to deliver the real-time money movement experiences and payments innovation that today's users demand, while seamlessly integrating with their internal infrastructures.

Alacriti