SEEBURGER
Business Integration

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SEEBURGER and SAS

Unlock Your Data for Real-Time Fraud Detection

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With the phenomenal growth in remote payments, digital payments, e-wallets and other emerging payment overlay services, especially those with real-time settlement, the risk of financial crimes and fraudulent activities across the entire payment and financial services value chain is increasing exponentially[1].

The ongoing migration and modernization of the financial services industry will bring many benefits, including greater standardization, structure and greater richness in payments data. However, the number of different payment formats in use remains significant, all of which must continue to be supported, and not all banks have implemented a technical core setup that natively translates legacy formats to ISO 20022. Financial institutions are not only faced with the ever-growing challenge of dealing with multiple payment formats on systems that were never meant to handle this much data and customers using increasingly outdated legacy formats; they must also meet a skyrocketing demand for real-time processing. Emerging trends in financial fraud, utilizing up-and-coming technologies such as AI and ML, make state-of-the-art fraud detection and prevention services more important than ever, adding further complexity and difficulty in supporting payments integration.

As a result, data integration requirements and the continuing need to mitigate business risks affecting banks are increasingly intertwined. Non-traditional competition in the payments sector, from FinTechs and due to OpenBanking, only adds to the mounting pressure on internal bank resources to handle all the complexity involved with payments integration in-house.

One option to address complexity such as this is to utilize disparate IT solutions, each of which address a particular requirement throughout the payment lifecycle. However, this approach is not conducive to increasing speed-to-benefit for banks faced with the need to digitalize and modernize, and fragmented data storage makes it difficult to mine the full potential of the rich ISO 20022 data for automated fraud pattern recognition.
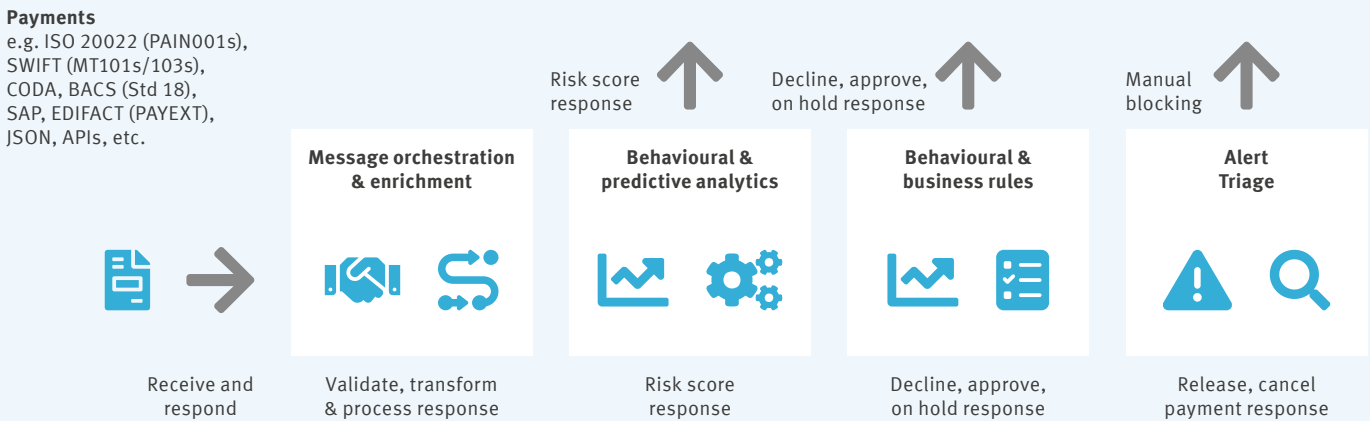
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[1] https://fortune.com/recommends/banking/how-identity-fraud-can-impact-your-finances/

How SEEBURGER and SAS can help

Together, SEEBURGER, a market leader in business integration, and SAS, a leader in analytics software and solutions, have developed a joint solution to address all the complexities and challenges of modern-day payments integration.

In this combined solution, the SEEBURGER BIS Platform addresses the onboarding of corporates and business partners and their secure data exchange, including self-services for testing and configuration of payment formats, such as ISO 20022, validation and transformation aspects of the payments integration process, application integration and reconciliation of the payment data. SAS's capabilities in fraud detection and prevention, anti-money laundering (AML) and security intelligence support all the prevention and detection-related activities, including machine learning and alert investigation, centralized around the enriched payment data.

Payments
e.g. ISO 20022 (PAIN001s),
SWIFT (MT101s/103s),
CODA, BACS (Std 18),
SAP, EDIFACT (PAYEXT),
JSON, APIs, etc.

	Risk score response	Decline, approve, on hold response	Manual blocking
	Message orchestration & enrichment	**Behavioural & predictive analytics**	**Behavioural & business rules**	**Alert Triage**
Receive and respond	Validate, transform & process response	Risk score response	Decline, approve, on hold response	Release, cancel payment response

SAS and SEEBURGER: Payment flows integrated with real-time fraud monitoring

The entire end-to-end payment lifecycle is managed by SEEBURGER BIS with the SAS fraud detection and prevention, anti-money laundering & security intelligence solution being used to assess the payment data for fraud and financial crime risk. Seamless interoperability is achieved via the SEEBURGER SAS connector, which standardizes the communication and data exchange between SAS and SEEBURGER.

Business Benefits

The combined value of the SEEBURGER and SAS solution delivers a series of benefits for both the financial institution and its client community.

SEEBURGER BIS supports

- digital onboarding, including self-services
- application integration, including integration with ERPs, CRMs, treasury management systems (TMS) and human relations payroll systems, on-premises, hybrid or in the cloud
- validation and transformation of any client-originated payment file format, e.g. ISO 20022, SWIFT (MT101s/103s), CODA, BACS (Standard 18), SAP, EDIFACT (PAYEXT, PAYORD), Polish (PLI, PLD), Romanian (SENT) formats, JSON and API
- a wide variety of connectivity methods including REST APIs, SFTP, EBICS, FTP, VANs, AS/2 and more

The SAS system includes

- machine learning analytics at the core of real-time processing for intelligent decisions in milliseconds
- flexible rules development and estimation supporting strategy deployment in minutes for detecting and preventing fraud
- fully integrated alerts to offer a single solution with customer self-service options

Together, SEEBURGER and SAS are working globally with many of the world's top 100 financial institutions to support the needs of small, medium and large financial institutions in their payment system transformation.

With the joint SEEBURGER and SAS solution, financial institutions are able to

- receive any type of payment instruction via any channel
- benefit from a validated and correctly formatted payments instruction which has been assessed for fraud risk
- use payment instruction directly for reconciliation and reporting in a time-efficient manner
- use synchronous risk-scoring of payments to allow payment interdiction

Having a solution to support clean, secure and validated payments in real time

- delivers operational efficiency to a financial institution's IT and systems support teams
- ensures a streamlined onboarding experience for both retail and corporate clients
- allows any payment type (batch, single, complex and/or real-time) originating in any file format, via any connectivity method, to be fraud-screened in real time
- empowers more effective servicing of banks' existing client base
- captures new financial flows
- protects and accelerates revenue opportunities

The combined solution offering is available on-premises, in the cloud and as a hybrid model.

About SAS

SAS is the leader in analytics. Through innovative software and services, SAS empowers and inspires customers around the world to transform data into intelligence. SAS Fraud, Anti-Money Laundering and Security Intelligence solutions provide proactive protection through advanced analytics, AI and machine learning. SAS offers a unified approach to fraud, compliance and security. Only Fraud and Security Intelligence solutions from SAS deliver an essential layer of protection which is backed by global domain expertise and the world's best analytics.

For more information visit www.sas.com
or contact Ian Holmes, Global Lead for Enterprise Fraud Solutions SAS Security Intelligence

About SEEBURGER

SEEBURGER is an integration software and services company with over 1,000 employees worldwide. Family-owned since 1986, SEEBURGER transforms business and the IT landscape with the Business Integration (BIS) Platform – a cloud-based, agile, secure and scalable integration platform. BIS enables you to seamlessly connect and integrate applications, technologies, services and people across your entire ecosystem. With BIS, anyone can master the easiest to the most complex integrations in one platform in any cloud, a hybrid environment or on-premises.

For more information visit www.seeburger.com
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