



TAS Fraud Protect

The TAS platform for fraud prevention and management

Fraud Protect is the platform developed by TAS Group to tackle fraud in a constantly evolving Payments ecosystem. Fraud Protect allows you to quickly identify anomalies in payment instrument usage, both card- and account-based, carry out investigations and take appropriate action in the case of suspected or confirmed fraud.

Fraud Protect interacts with the Customer environment in real time, be it a PSP, TPP or Merchant, and uses advanced predictive engines to support Transaction Risk Analysis (TRA). In line with PSD2 and with the technical standards issued by EBA for strong customer authentication (SCA) and open common and secure communication standards, Fraud Protect also offers functions to maximize the application of the SCA Exemption.



Prevention dramatically cuts costs

The phenomenon of fraud made with payment cards and via digital channels has undergone a strong acceleration in recent years, especially through the international circuits, with serious consequences for the banking system in terms of economic damage, loss of image, and customer relations. Fraud risk is destined to amplify when innovative payment services, such as instant SCTs, spread to the market and traditional players, together with the new TPPs, will have to face an increasingly competitive scenario.

Fraud Protect allows you to activate control processes on the operation of each payment instrument and on the device channels with minimal resource investment required and maximum flexibility in defining the criteria for monitoring and detecting anomalous situations, at cardholder or individual product/service level. The data collected facilitates the identification of points of compromise, enables cardholder behavioral analysis, and allows the implementation of preventive measures to decline authorizations, generate warning messages and possibly blocks on selected payment instruments.



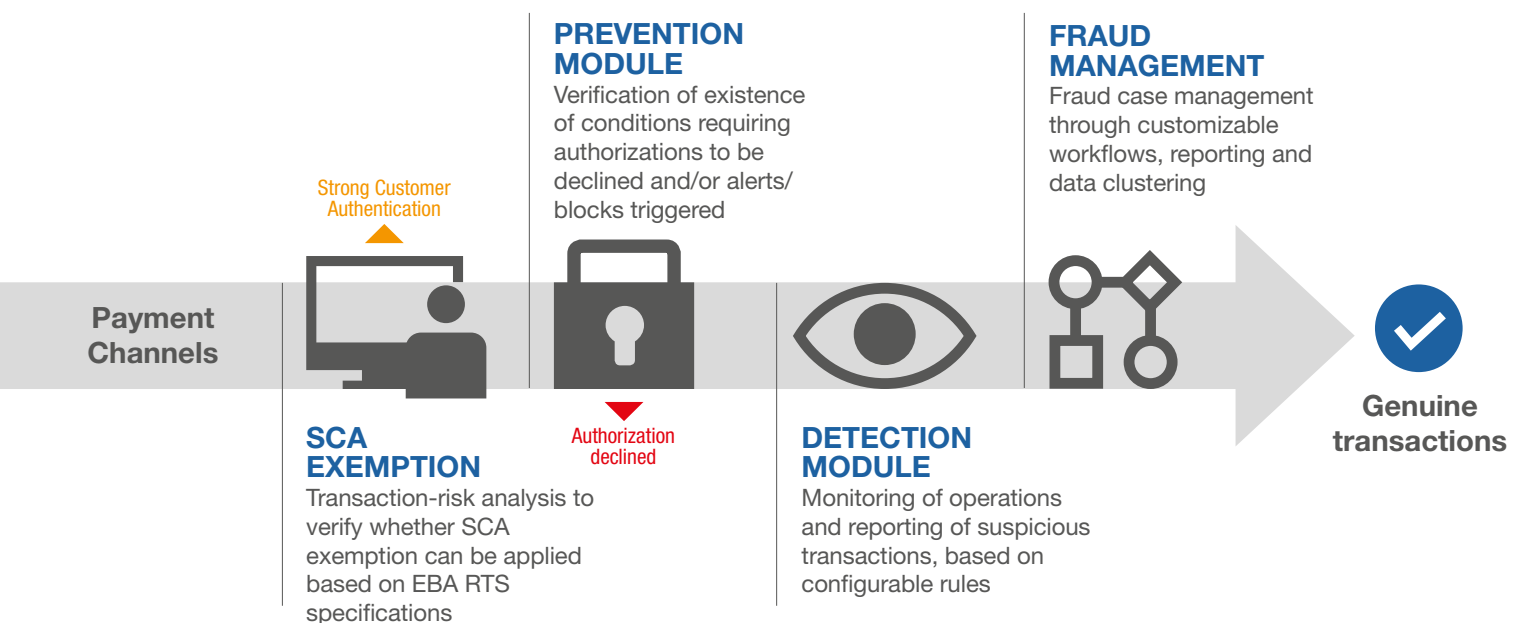
Benefits

- High level of parameterization for control and flexibility
- Monitoring rules that can be configured dynamically by end users
- Easy integration with other application systems, both inside and outside the Customer environment
- Correlation between transactional data and fraud events
- Predictive models and Big Data technologies for Transaction Risk Analysis (TRA)

Fraud Protect at a glance

- Monitors card and other payment instrument operations
- Reports suspicious / anomalous transactions
- Implements rules to put in place preventive measures
- Implements predictive models to identify new patterns of suspected fraud and implement TRA
- Optional module for the SCA Exemption
- Identifies points of compromise
- Interfaces to dialogue with the main application systems to be integrated

Fraud Protect. An intelligent modular solution



FRAUD INTELLIGENCE

Analyzes the transactional data using predictive models based on Machine Learning technology applied to the principles of TRA and SCA exemption under PSD2; the engine is used by all the solution components.

Modules and Features

The Fraud Protect modules can be activated separately according to the Customer's needs.

Fraud Protect – Intelligence

The predictive algorithms are used during the different moments of the transaction processing, starting from the SCA exemption check. During the Prevention phase, the algorithm interacts in real-time mode with the monitoring rules engine to identify potentially anomalous behaviour and that deviates from the usual customer patterns to proceed with the blocking of the payment transaction. During the Detection phase, the algorithm processes payment transactions and assigns a score indicating the risk level of the transaction. A score above an established threshold value generates an alert on the Fraud Protect monitoring dashboard.

Fraud Protect – SCA Exemption

This module, in compliance with PSD2 regulations, analyzes the transactional data and checks whether there are any conditions for exemption from Strong Customer Authentication, also using Artificial Intelligence / Machine Learning technology.

Fraud Protect - Prevention

Called in real-time mode, it allows rules to be defined to apply preventive measures such as: to decline transactions, send warning messages, generate blocks (even partial), on payment instruments. Management of blacklists, whitelists and greylists.



Fraud Protect – Detection

It allows payment instrument operations to be monitored, indicating suspicious transactions, based on rules defined by the Bank.

- Configuring of dynamic control rules;
- Acquiring and analysis of payment transactions according to configured rules;
- Reporting of suspicious transactions;
- Identifying of the points of compromise.

Fraud Protect – Fraud Management

It allows the fraud case to be managed through:

- A workflow for processing the fraud case;
- Grouping of cases by entity (e.g. customer, payment instrument);
- A dashboard for displaying reporting on fraud trends and data clustering.



Innovation Pays

TAS Group provides services and technological applications for cards, payment systems and financial markets. We operate globally, delivering innovative solutions to empower our customers' business.

www.tasgroup.eu
solutions@tasgroup.eu